

WORLD STAINLESS STEEL

Annual Procurement Report 2019

TW Metals:
takes service to the next level

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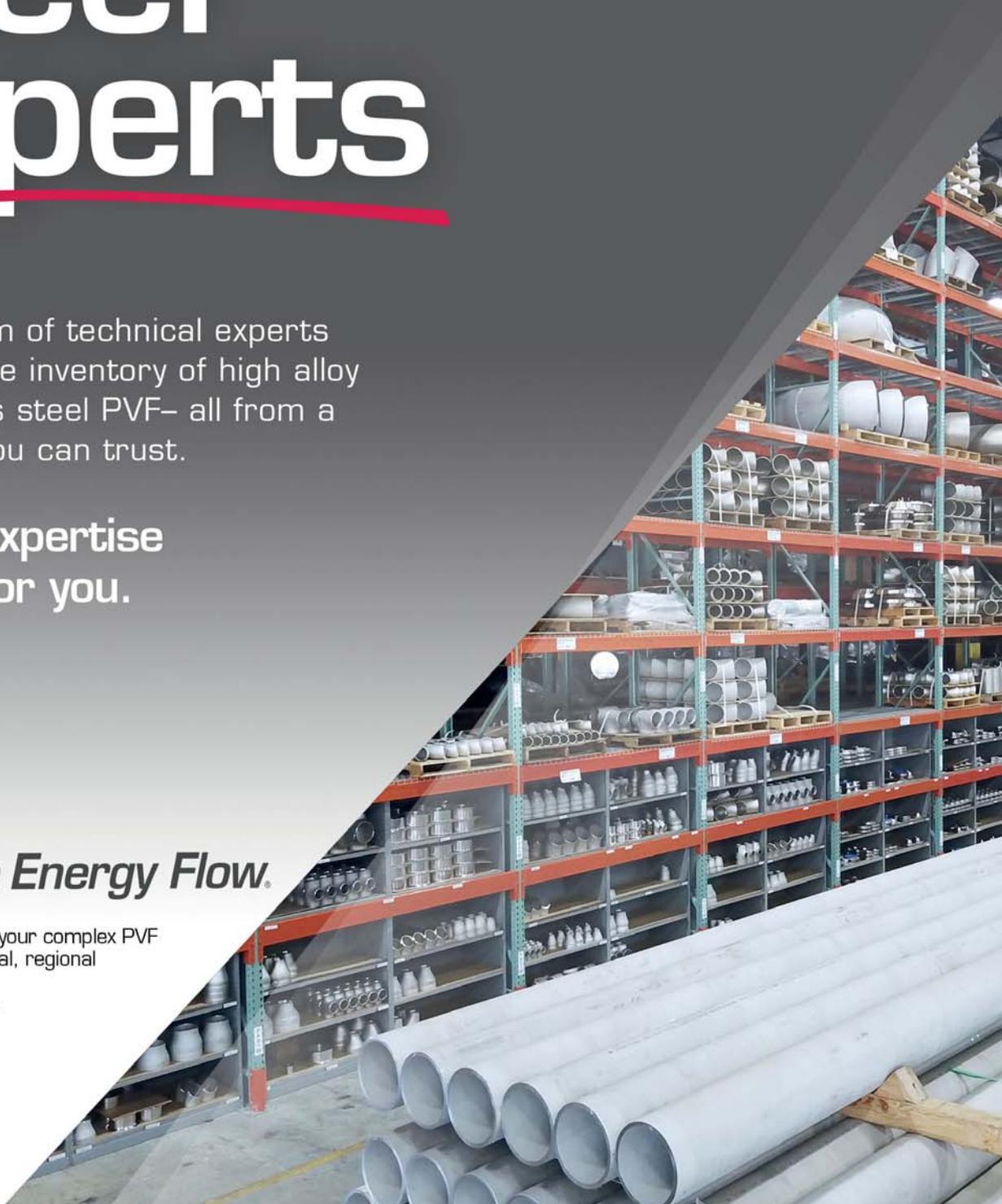
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It's all about networks...

"Great things in business are never done by one person. They're done by a team of people."
Steve Jobs, co-founder of Apple



In your hands, you are holding the latest edition of the Stainless Steel World Annual Procurement Report (APR), a keenly-anticipated yearly journal which connects purchasers, manufacturers and suppliers of corrosion resistant alloys around the globe. The APR features many of the world's leading sellers of stainless steels and other alloys in every product form. Not only do the company profiles outline the products which each company offers, but they also provide insights into the company's cultures and business sense. These are important aspects of doing business in our industry, where trust and responsibility are key to success.

Finding the right supplier for the materials you need, in the correct product form, involves more than a simple internet search. Knowing that the products delivered will meet the specifications you provided, will arrive on time and that follow up assistance is available should you need it, are essential factors in doing business today. Delays and inaccuracies cannot be tolerated in today's business climate of just in time delivery and lean margins. Within the pages of the APR you will find reputable suppliers and manufacturers who stand behind both their people and their products. They have the necessary skills and people to deliver the products and the services you need. A good deal is about more than just the product; it's the team behind it that make the difference.

The team behind Stainless Steel World wish you well and trust that this journal will help you to make the years ahead both profitable and enjoyable.

Best wishes,

Joanne McIntyre
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1989-2019

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TW Metals takes service to the next level

What's needed to run a customer-centric distribution business? Well how about a comprehensive product portfolio, fast and reliable deliveries, in-house processing facilities, top quality materials from leading sources, a deep understanding of customer applications and the flexibility to fulfil all orders be they large or small. This at least is how TW Metals has for decades successfully differentiated itself in the market for high performance alloys.

By David Sear

Visit TW Metals Ltd in Southampton, UK, and you'll find a distinct sense of satisfaction and optimism. This is the headquarters of TW Metals' European and Asian operations and where managers are keenly aware of the excellent, all-round performance of their many business activities. When asked about this long-term success story, Mike Street (Regional Director – Speciality Distribution) said they can be ascribed to how TW Metals approaches its customers.

“In one sense our model follows the traditional distribution set-up: we buy, stock and sell goods. But what I can confidently state is that we always strive to deliver the best possible quality, both as regards our product and also our service level. This is why we enjoy the patronage of so many regular customers who value us as partners. They know that with TW Metals peace of mind comes with every order.”

TW Metals has always been known for its stocks of higher alloys required by the aerospace and other demanding industries such as oil & gas. However, of late the company has been ramping up investments in grades at the commodity end of the spectrum. Mr. Street: “we are continuing to expand our stocks of 316 bar, currently around the 500 ton level. Previously our company was seen as a niche product supplier with high performance metals for critical



TW Metals complements its vast product portfolio with extensive processing capabilities, such as this Schelling fm10 plate cutter.

Smart investments

Like other successful businesses, TW Metals has a keen ear for market changes and knows exactly when and where to invest in new facilities or wider stock levels. In that respect it is interesting to note that TW Metals is set to open a new warehouse in Poland. Asked about this investment, Mr. Street commented: “many aerospace customers are investing in manufacturing activities in and around Poland. Anticipating further growth in demand we are therefore replacing our existing building with a larger facility and enhancing stock levels and processing capabilities”

In a similar vein, Mr. Street also revealed that TW Metals is actively looking for a new, larger facility in Italy with further expansion in France also a distinct possibility.

Another headline investment that was finalised just last year was the acquisition of UK-based Locate Supplies. Locate Supplies stocks a range of materials, including aluminum, stainless, copper, brass and bronze, as well as high-performance plastics. Commented Mr. Street: “this acquisition has further added to our product portfolio. Moreover, Locate has helped enhance our processing capabilities in terms of advanced water jet cutting as well as reverse engineering & parts finishing.”

The Locate name will be familiar to many manufacturing companies throughout the UK, especially those active in the food and marine sectors plus machine shops. “What impressed

us with Locate is their focus on value-added services and exceptional customer service level, accompanied by their forward thinking management team,” commented Mr. Street. “This was therefore an ideal match with us as, operating under their own brand, Locate have been able to use our very strong infrastructure as a stepping stone to expand their business. They too have booked record figures for 2018 and the first half of 2019.”

Knowledge in-house

A common denominator throughout TW Metals’ activities is the incredible width and depth of technical knowledge amongst front-line staff. The sales force in the UK alone represents over 150 years of experience, much of which is ‘home grown’, said Mr. Street proudly. “There simply isn’t a bespoke sales and technical course which is relevant

and hazardous environments. However, listening to feedback we have decided to offer a more rounded portfolio. These decision has gone down exceptionally well amongst our customers.”

Irrespective of the actual grade, it goes without saying that TW Metals only works with top-tier mills with whom it has developed close relationships.

“We will never compromise on the quality of our product, whether tubes, pipes, sheets or bar, that we deliver to customers and we would never consider quick-fix, low-cost solutions. Indeed, to describe us as a simple buyer and seller does not do proper justice to our overall involvement; thanks to our contract management activities we have full control of the entire supply chain right from the melt source up until the final end user. Again, ensuring we create that essential peace of mind for all of our customers,” explained Mr. Street.

About TW Metals

- Main activity: stocking and processing tube, pipe, bar, hollow bar, extrusions, sheet and plate
- Metals: nickel alloy, stainless steel, titanium, aluminium, and engineering plastics.
- Forms: both seamless and welded, available in standard mill finishes or polished condition
- Key sectors: aerospace, oil & gas, offshore, pumps and valves, heat transfer, distribution business
- Locations: over thirty stocking locations worldwide

From expansion in the UK...

To support the growing number of customers, Locate Supplies will soon be relocating its Peterborough (UK) operation into a purpose-built facility. This new building will quadruple the available floor-space



and boast a range of new machinery including two Amada HFA400W fully automatic bandsaws which can cut up to 16" diameter round bar plus a Schelling Fm8 plate saw complete with Erbo extraction system. In addition to new racking, a Combilift C3000ET electric side-loader forklift will ensure items can be quickly and efficiently stored and retrieved.

to our businesses. Therefore success in sales is down to hiring individuals with customer-service backgrounds with a desire and passion to learn and we give them every opportunity to do so. That's why we organize regular in-house courses, bring in consultants and attend external technical events with mill partners and customers alike. Moreover we take the time to visit our end-user customers and our suppliers. Not just for business, but to discuss applications and emerging technologies. Recently for example we visited Sandvik to hear about their latest offering of grades and their capabilities. With a deeper understanding of properties such as machinability, corrosion resistance, weldability, etc, TW Metals' sales staff are ideally positioned to give clients reliable and useful information. And as I said before, this provides real peace of mind for the customer, that when dealing with TW Metals you can rely not only the highest quality products and technical advice but a service level that exceeds expectations.

Ultra-fast deliveries

In an era where outsourcing seems to be the mantra TW Metals continues to operate a fleet of delivery lorries. Asked why, Mr. Street gave an unequivocal reply. "Simple. With our own trucks we have total control of the complete logistics chain thereby

offering faster solutions for our customers. Here's an example: we might receive an emergency order late Monday afternoon. Staff can work through the night to select pipes, cut plates to size and even perform basic first-stage machining operations. The completed order can be loaded onto our lorry for immediate dispatch with the customer receiving the parts he needs early on Tuesday. Beat that for service!"

Mr. Street laughed when asked if he was trying to eclipse Amazon. "Perhaps we can't quite replicate the

service provided by massive online enterprises but we really will go a long way to meet customers' expectations. In a world which operates on a now, now, now basis, service and flexibility are key. That's why we don't do 'out of the box' sales as no two customers and no two orders are ever alike. Instead we quickly adapt to each customer's unique needs."

In passing, Mr. Street mentioned the abbreviation 'AOG'. Asked to elaborate, he explained that the term stands for 'Aircraft On Ground', used to describe an emergency maintenance situation in the aviation industry.

"Airlines run to tight schedules so if an aircraft is kept on the tarmac for unscheduled repairs then maintenance teams have to respond immediately. And as a preferred supplier our response has to be equally swift. Hence we have developed a suite of services to accommodate aerospace clients. Now it was actually the AOG concept that set us thinking: if we can provide such a service level to one industry, then surely we can do that for other sectors too! So currently we are working on expanding this service to all our customer groups, such as motor sports. Yes this is an ambitious target but it demonstrates the mentality of service which exists throughout TW Metals."

Forward thinking

Queried about future plans, Mr. Street revealed topics discussed during a recent strategy meeting. These included assessing how TW Metals could further

... to growth in Poland



On mainland Europe, too, TW Metals is investing in response to growing customer demand. The massive new facility in Poland, for example, will support growing demands from aerospace customers amongst others. The 7000 square-metre production hall will boast bar saws, tube saws, a sheet cutting facility (guillotine) plus a plate saw that is scheduled to arrive in 2020.

its activities in motorsport, transport at the medical industry. As ever, the approach is based on gaining a solid understanding of customers and their needs. "Success will be down to good old-fashioned research into markets and applications. Then we will build relationships and develop networks, all the while garnering trust in our ability to provide quality products at realistic prices. We certainly won't be trying to undercut the competition, after all you pay for what you get. Instead we will ensure we deliver a better product and superior service than anyone else in the market," said Mr. Street.

In the meantime TW Metals will continue to fine-tune its portfolio. Nickel alloys are for example very much in the spotlight, thanks to the increasingly buoyant oil and gas sector, noted Mr. Street. "The hydrocarbon industry has long constituted an important market for us and one where we have supplied a considerable volume of nickel alloys. However, due to market forces our sales have tended to focus on specific pockets of activity. With this industry undergoing a renaissance our plans are to invest in nickel alloy bar meeting API and NORSOK specifications. These would perfectly complement our tubular, stainless & nickel alloy offering. Furthermore these such grades are also dual certified wherever possible to the likes of AMS specifications which will undoubtedly benefit our aerospace customers." "As you can see, we are truly a multi-metals company with a proven track-record for serving many markets," concluded Mr. Street. "Historically, our focus was in long products for

The pros of in-house machining

As well as cutting tubes, pipes and plates, TW Metals can perform basic first-stage machining. However, Mr. Street is adamant that this service is to support – and not compete with – engineering customers. "We create basic shapes for clients so they can focus on their core engineering activities. This service offers many advantages for the customer: finished products can be quickly produced with fewer machining steps, there is less scrap for them to dispose of and the lower weight helps minimise transportation costs."



commercial sectors. That was the foundation of our organisation - our DNA if you like - and over the years we've adapted and evolved to meet emerging market needs. We are fortunate enough to have the flexibility and understanding in our organisation to manage the many changes required to keep up with the pace of today's ever-changing industries, whilst maintaining one constant core value...service, of which we will never compromise. Irrespective of the industry all of our customers ultimately require the same thing, quality products that are delivered on time. How we achieve this is our USP but I can say that we have developed unique and bespoke sales tools to ensure we meet our customer demands. This is just one of the reasons we have become so successful and dominant in the aerospace sector and of course

we are transferring the best-practices learnt here into other markets as well. As the message about our excellent supply chain management continues to spread more and more customers are approaching us requesting we widen our scope into new markets and products. I am delighted to say we are responding positively: first we added on additional product forms such as aluminium plate and later we invested in in-house facilities to cut products to size. Off the top of my head we now have four Shelling plate saws and five waterjet cutting systems in the UK alone! So as I trust this interview will have demonstrated, our ethic is the absolute opposite of empty promises and fast money. Here at TW Metals our focus is on the long term, whereby we foster and maintain win-win relationships with all our customers."

TW Metals a preferred distributor for Sandvik

In 2018 Sandvik announced that TW Metals UK would become a preferred distributor for a range of products including Sandvik hydraulic & instrumentation tubing and high temperature piping products in England.

Helen Harvey, Sandvik's Regional Sales Director UK, Ireland & Turkey, said: "We are pleased to be working with such an established and reputable company and are sure that working together we will be able to increase the market share for Sandvik."

Sandvik manufactures hydraulic & instrumentation tubing in imperial sizes from 1/8" to 1" and in metric sizes 3mm up to 50mm. The company also offers an extensive range of tubular products in austenitic and high nickel alloy grades.

The Sandvik program of high-temperature tubes includes a wide range of austenitic stainless steels and nickel alloys as well as iron-chromium-aluminium (FeCrAl) alloys, which can be used at temperatures up to 1250°C (2280°F).

Mike Street, Regional Director for TW Metals, said: "We've enjoyed a long-standing relationship with Sandvik, our business strategies and aspirations are closely aligned. Forging a partnership with Sandvik has enabled TW to expand its provision of high quality products combined with exceptional service and the added benefit of Sandvik's technical expertise to support our customers. The alliance of our two companies, both very prominent and well-established names in the metals industry, will undoubtedly be mutually beneficial to our customers."

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Acciai Speciali Terni S.p.A.

New values, new vision

Acciai Speciali Terni (AST) has embraced new values of global presence, innovation, customer orientation, reliability and passion. These values have helped it to grow to become one of the world's leading producers of stainless steel flat products and welded stainless steel tubes within a single integrated manufacturing site. The new company vision "No market is too far away for our knowledge, passion and spirit of innovation" outlines where the company is headed, based on a culture of credibility and integrity.

Excellence & experience

Acciai Speciali Terni is unique in that it operates from a single integrated manufacturing site. With its core business being stainless steel flat products, the company has many years of experience in producing austenitic, ferritic and martensitic stainless steels to meet the needs of customers from every market segment including transportation, household applications, industrial goods and architectural applications. AST produces a wide range of high quality stainless steel to meet requirements for chemical composition, mechanical properties, corrosion resistance, cold formability and weldability. Its flat products are offered as semi-finished products (hot-rolled coils), hot white band and cold-rolled stainless steel in a wide range of thicknesses, widths and lengths. Tube production is an additional excellence of Acciai Speciali Terni. Superior craftsmanship in tube production has, within just a few years, positioned AST-Tubificio di Terni as a market leader in the exhaust system industry.

Targeted market segments

Thanks to an integrated approach with flat and welded tube production, AST has positioned itself as a market reference for the automotive sector. Manufacturers in the automotive industry



Stainless steel welded tubes



AST integrated production plant: from melting to final product

value solutions that guarantee technical, aesthetic and eco-friendly performances. In this constantly evolving scenario, stainless steel plays a crucial role and is increasingly used in the sector.

Furthermore AST produces high quality stainless steel flat products for the major re-rolling, precision re-rolling and tube-making companies, as well as system and tank manufacturers. For the consumer goods sector, Acciai Speciali Terni provides increasingly sophisticated and high-performance solutions.

The technical performances of the stainless steel base combined with the beautiful finishes are also ideal for the architectural sector. Today architects and designers all over the world choose AST stainless steel for its durability, strong aesthetic appeal and sustainability.

New & innovative grades

Among AST's product range are the new ferritic grades (mainly addressed to the automotive sector, for the entire exhaust system). These grades were created for the increasingly stringent requirements of a continuously developing sector, and are able to respond to high temperature and improved formability performances in increasingly complex applications. The innovative superferritic stainless steel grade (470LI), thanks to its high chromium content, guarantees a corrosion resistance comparable to that of austenitics but at a more stable price, being nickel free. AST has expanded its wide range of products to martensitic grades for cutting tools and further applications.

Innovative finishes

To enhance and customize the typical stainless steel finishes, Acciai Speciali Terni produces Vivinox® range, including Silver Ice®. Silver Ice® is a product family with anti-fingerprint coatings designed in response to the market need for beautiful and easy-to-clean steel that reduces the visual



Stainless steel flat products

impact of stains and fingerprints on stainless steel surfaces. AST also offers patterned and micro-patterned finishes.

Post-production services

Once the production cycle has ended, AST stainless steel can be further processed in its dedicated Finishing Centre to achieve the size specifications and surface appearance required by the customer. When it's time for an order to be shipped, logistics are expedited by an innovative IT system which simplifies and accelerates delivery of the finished product.

Innovative sales organization

The strength of AST global sales organization is to ensure dedicated support for each market sector and application. Wherever a customer is located, they can count on the expertise of our very skilled and experienced commercial and technical sales team.

Continuous improvement

AST is making significant investments to drive ahead digitalization of production systems and customer interface. Its ongoing digital transformation is creating greater internal efficiencies, new smarter interfaces and new business opportunities.



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ACNIS International

Premium metals + Premium services

Since 1991, ACNIS International has been a leading stockholder and distributor of semi-finished products in all forms and sizes for medical, industrial and aerospace applications.

ACNIS IS INTERNATIONAL

We serve our customers from our head office based in **Lyon**, France, but also from our **4 Service Centers** located in **Paris** (AEROMETALS & Alloys), **Brazil** (ACNIS do Brasil) and **China** (ACNIS Asia). ACNIS Group relies on its multicultural team to provide you with a quick offer, worldwide deliveries, and we will help you for all technical specifications, alloys selections, according to your application, and we will give you an optimized stock option.

EXPERTISE

With AEROMETALS & Alloys located in Paris, ACNIS Group has reinforced its expertise of serving aerospace customers as the two companies are working together to meet the most demanding requirements of customers by harmonizing their skills and services



10 cutting machines

500 TONS ON STOCK

With an intensive stock of around 500 tons, we supply :

- Titanium (in all grades, alloyed and non-alloyed)
- Cobalt Chrome (as per ASTM F1537 and ISO5832-12), 316LVM (as per ASTM F138 + ISO5832-1)
- Stainless steel grades for implants and instruments (17/4).

- Cronidur 30. Cronidur 30 is a pressure – nitrided, martensitic cold working steel. It offers outstanding durability as well as hardness levels up to 60 Hrc. Cronidur 30 offers excellent machinability, great polishability, and high dimensional stability after heat treatment. Through these outstanding mechanical properties it has established itself as a material for spindle and ball bearings in the aerospace and mechanical engineering industries.

We offer **bars, sheets, tubes, flat, hexagonal and square bars, welding wires and fasteners.**

QUALITY FIRST

Thanks to our triple certification: ISO 9001, ISO 13485, EN 9120 and our close relationships with world-renowned manufacturers, We supply **high quality materials.**



Scrap value - near net shape



500 tons of titanium stock



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AEROMETALS & Alloys

Premium metals + Premium services

500 TONS ON STOCK

With an intensive stock of **500 tons in plates, sheets, bars, pipes and forged blocks**, the very new Service Center AEROMETALS & Alloys provides cut parts in:

- Titanium grade 1/2/3/4
- Titanium 6AL4V
- Titanium grade 23
- Titanium grade 6-7-9
- Titanium 6-2-4-2
- Titanium 6-6-2
- Stainless Steel: 15/5ph, 17/7ph, Cronidur 30...
- Nickel based alloys

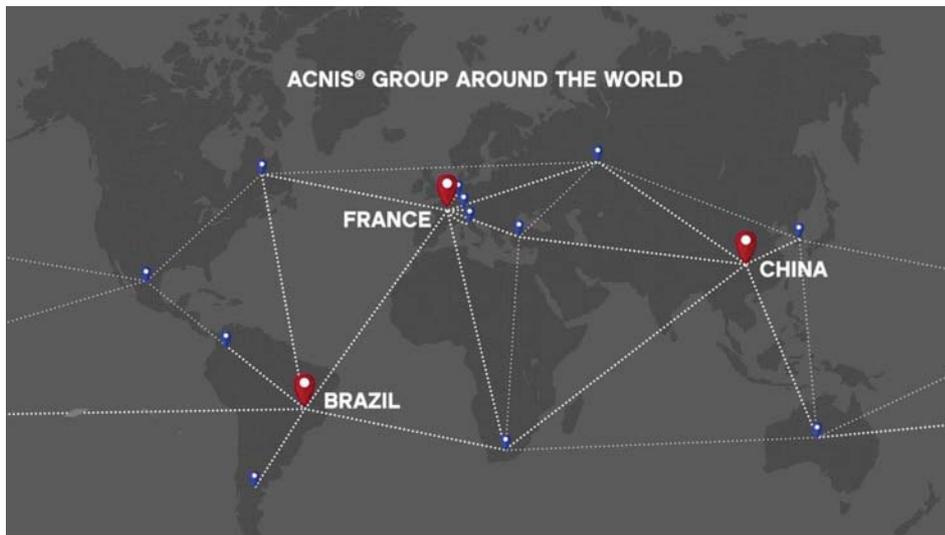
BREAKING NEWS

In addition to our core products and thanks to some mills agreements, we are able to prepare a large stock of 15/5 PH and 17/4 PH for aerospace applications.

We stock bars from diameter 10 up to 300 mm and sooner plates and sheets. Additionally we stock high quality of welding wire for aerospace, oil and gas and power generation.

COSTS REDUCTION / CUTTING SERVICE

AEROMETALS & Alloys brings its expertise with a complete cutting machine park



- Plate saws / waterjet: up to 800mm thickness
- Bar saws: up to 800mm thickness
- Shears: up to 3mm
- Decoiling Machine: up to 3mm thickness

These cutting machines aim to **reduce the rate of falls** and optimize different formats so that manufacturers can receive goods according to their specifications and machining techniques.

It is important to know that scrap rates can sometimes represent

up to 40% of the cost of a finished product.

APPROVED BY THE BEST

AEROMETALS & Alloys is approved by the **major players in the aerospace** field such as Airbus, Airbus helicopter, Dassault...

QUALITY FIRST

Thanks to our **Certifications ISO 9001, EN 9120** and our close relationships with world-renowned manufacturers, AEROMETALS & Alloys supplies high quality materials and services.



Waterjet cutting



Plate saw cutting



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Aperam Stainless Europe

Who is Aperam?

Aperam is a global player in stainless, electrical and specialty steel, with customers in over 40 countries. Aperam has 2.5 million tonnes of flat stainless steel capacity in Europe and Brazil and is a leader in high value specialty products, including electrical steel and nickel alloys. Its production capacity is concentrated in 6 main production facilities located in Brazil, Belgium and France.

With the goal of offering a tailor-made stainless solution for every customer, Aperam caters to clients worldwide through its integrated network of 14 steel service centres, 6 transformation facilities for precision strip and flat bars, and 17 sales offices. Aperam's extensive range of innovative stainless steel solutions includes coils sheets, blanks, plates, tubes and flat bars.

Thanks to its comprehensive product portfolio, Aperam serves a large range of industries, including: automotive, household appliances, food processing, catering, heating, architecture, building and construction, desalination, oil & gas, nuclear power, chemical processing, and transportation.

Backed by strong R&D and technical support teams, Aperam produces:

- Martensitics
- Standard ferritics
- Stabilised ferritics
- Austenitics with Manganese
- Standard austenitics series (304, 316L)
- Duplex grades



Aperam now provides an extensive range of duplex stainless steels, including the Norsok-qualified superduplex DX2507/ DX2205 for the oil and gas industry and exhaust gas cleaning systems (scrubber).

What makes us unique?

- Leading global stainless and specialty steel producer
- Long-term growth potential of the stainless and specialty steel industry
- Global, integrated distribution network and proximity to customer
- Leading R&D capabilities

Our values Leadership

A catalyst is not a pioneer in everything it does. Instead, it is about being bolder and more audacious in its approach while remaining relevant to the marketplace. Aperam is a stable driving force that encourages the development of new standards in the industry and while also promoting sustainable solutions.

Agility

An agile company is fast, adaptable, and flexible. At Aperam, being agile means moving fast and adapting to the changing market conditions with ease. It is also about being flexible according to specific customer requirements, whether in terms of cost efficiency, lead time or product characteristics.

Ingenuity

An ingenious company is clever, skilful, imaginative, and innovative. At Aperam, ingenuity is about thinking laterally, not literally. The company's people are passionate and always keen to share their knowledge and skills. Sometimes this means developing new ideas or applications, while other times it implies seeing things differently in order to find the appropriate solution without compromising quality.



aperam

Company details:

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Email: amelie.fanica@aperam.com
Website: www.aperam.com

Arc Energy Resources Ltd

Arc Energy Resources is one of the UK's leading specialists in providing weld overlay cladding and quality assured fabrications. The company's expertise in weld overlay cladding services provides heavy-duty protection against corrosion and wear for process and pipeline equipment destined for use in hostile environments. The company has the capability to clad items weighing up to 15 tonnes, bores up to four metres diameter and areas of restricted access within bores as small as 20mm diameter.

The weld overlay cladding process provides protection for products such as pipelines, valves, flanges and specialist fabrications that are destined for use in hostile environments, such as oil & gas or nuclear applications.

Weld overlay services are utilised by clients in a vast number of industry sectors where service conditions require corrosion resistant properties. Weld overlay cladding provides the assurance of a heavy-duty metallurgically-bonded protective layer that will not be undermined or dislodged in service.

The manufacturing infrastructure is qualified to ISO 9001:2015, ISO 3834-2, ISO 14001:2015 and OHSAS 18001:2007. The company is also accredited to EN 15085-2 and EN 1090-2, as well as holding ASME U & ASME U2 Stamp certificates of authorisation, which qualifies it to fabricate and weld on components destined for use on pressure vessels built to ASME standard.



Arc Energy's commitment to welding engineering is unsurpassed anywhere in the industry, and aptly demonstrates Arc Energy's dedication to quality.

Arc Energy's team of welders and fabricators are qualified to internationally recognised standards and specifications. A wide range of base metal/cladding combinations has been qualified to ASME IX, API 6A and NACE. In addition, Arc Energy offers in-house test weld, heat treatment, PMI and NDT facilities.

A fully integrated project management service can be provided, combining the company's core activities of weld overlay cladding and fabrication. Arc Energy's experienced and highly qualified engineers are able to offer full management services ranging from design and procurement right through to delivery and documentation.

The company has heavily invested in new welding equipment, including the acquisition of Rotating Head welding machines which increase productivity and extend the scope of work the company can handle. The investment expands and enhances Arc Energy's ability to handle complicated

component geometries for the full or partial cladding and fabrication of a huge range of component sizes.

Arc Energy's skilled team of engineers are capable of delivering quality service from initial enquiry to delivery and beyond, and can engineer the perfect solution to the biggest of challenges.

For more information, please visit www.arcenergy.co.uk.



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Berellesi Berinox srl

Our Identity

Berellesi Berinox was founded in 1952 by Franco Berellesi and, nearly 70 years later, continues as a family run business. Franco created the 4-star logo to represent a combination of quality, service and affordability utilising top quality machinery.

Berellesi Berinox is now an international, dynamic group specialising in the manufacturing and commercialization of stainless steel butt welding fittings.

The Group is based in Italy with four production plants.

Production is in the main automated, using the latest technology in robotization.

Our Commitment

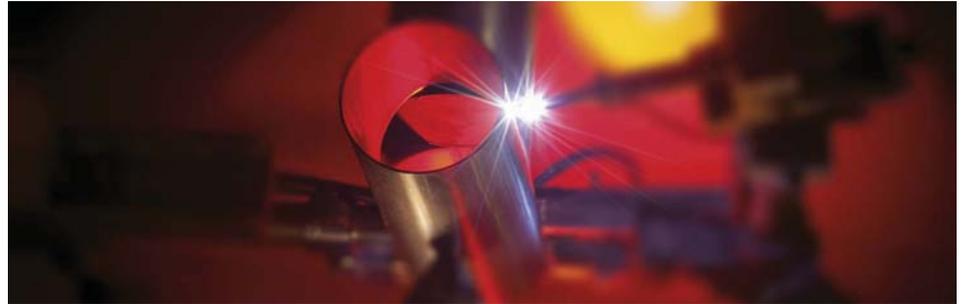
Berellesi Berinox is committed to invest considerable capital both in new systems and personnel.

The Group continues to build excellent relationships with customers, offering competitive pricing and superior quality and is renowned for large quantity production.

Recent significant investment has enabled the Group to dynamically expand production, dramatically improving delivery times. The cornerstone of our service is the punctuality of deliveries and the premium quality of our products.

Our Assets – People

At the core of the Group's HR management policy is strong corporate



culture which is based on shared values, employee loyalty and a sense of belonging to the Group. Up-dating and refresh training ensure we have qualified and well-experienced staff.

Certification

The Group is currently adding to its current ISO 9001 PED Certification and the AW2 with TUV.

Our UK company BB Stainless Steel Limited will benefit from WRAS Certification for UK water treatment, anticipated to be granted end 2019.

Product Range

Our products:

- Pressed collars type 33-37-DIN 2642
- Pressed caps EN 10253-3-4 and DIN 11088
- Reducers Conc and Ecc EN 10253-3-4
- Tees EN 10253-3-4
- Crosses EN 10253-3-4
- Elbows EN 10253-3-4

*Grades: 304/304L/321/310S/316/316L/316TI/DUPLEX/SUPERDUPLEX/904L

*Standards: ISO-METRIC-DIN-SMS

*Range of Sizes DN 10 – 1000



Company details:

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Website: www.berinox.com

Chandan Steel Limited

Chandan Steel Limited is India's fully Integrated Stainless Steel Production House having accomplished numerous milestones and accredited with QMS ISO 9001:2015, PED 2014/68/EU, AD 2000-Merkblatt W0, BV Marine, ABS, DNV GL, Lloyd's Register, Norsok by TUV Nord.

With the help of its 3 divisions Long Products, Forging & Seamless Tubes & Pipes, Aided by state-of-the-art equipment, the brand name is valued across all business sectors globally. CSL has from time to time reinvented itself and adapted flexibly to the demands of time by offering unique range of products unparalleled by anyone in the industry. From acquiring sophisticated machineries to introducing its team of experts to newer possibilities in the stainless steel sector, CSL continues making new forays in the global market and is commissioning a state of the art Wire Rod Mill which will enable them to produce Wire rods ranging from size 5.5mm to 32mm with coil weight of 1500Kgs and offering full range products like bright bars, Wires, Angles, Flat bars, various sections, Forged Flanges and Seamless Tubes & Pipes under one roof suitable for Engineering as well as Structural applications.

Joint Venture

CSL has joined hands with Mannesmann Stainless Tubes (MST) to manufacture



and supply products under the brand name "Chandan Mannesmann" from its Seamless Tube and Pipe division. This unity brings additional synergies of

both companies in terms of excellence through experience, technological strength, and working standards. www.chandansteel.net



Company details:

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Fax: +91-2266290633
Email: exports@chandansteel.net
Website: www.chandansteel.net

Charming Metal International Limited

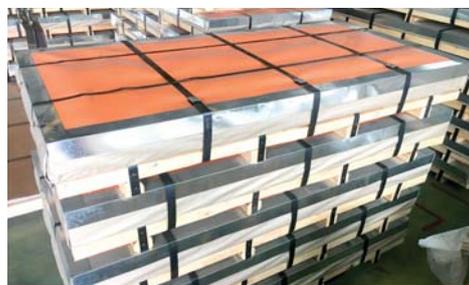
Charming Metal specializes in stainless steel products ranging from stainless steel scrap to finished products trading. Our success is built on the trust and reliability that we have delivered to our customers and partners. Our founders have over 20 years of experience in international stainless steel trade for 20 years and are well positioned to prosper in the ever changing economics of the steel trade.

Imports

Starting in the early 1990's, our founders established sales channels into the Chinese market sourcing products from international steel mills such as KTN, Acerinox, Tang Eng, Yieh Loong, ALZ, Ugine, Outokumpu, NA and Nippon Steel. We continue to supply to major Chinese users of stainless steel grades 310, 309, 316L, 304, 201, 441 and 430, 409L for the production of cutlery, crockery, kitchen utensils, auto parts, industrial equipment, and other finished products.

Exports

As China's production capacity has grown rapidly, our company's strategy has adjusted to include the sourcing and exporting of stainless steel material from China to other markets. We work with producers in China including TISCO, Baosteel, Posco, and other emerging manufacturers. We have



焯鳴鋼鐵國際有限公司
Charming metal international Ltd

established distribution channels to the Middle East, Europe, South America, and Southeast Asia.

Factory

We invest and operate factories / storage centers located in Foshan and Jieyang, one of China's largest stainless steel trading centers. Here we operate a top of the line production facility using Italian machinery in 304 grade, are able to polish No. 3, No. 4, Hairline, Scotch-brite and No. 8 mirror finishes. As for our Jieyang facility, we produce 430 grade in 2B and BA finishes.



Company details:

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Sales@charmingmetal.com

Website: www.charmingmetal.com

Chromeni Steels

Chromeni Steels is proud to be the biggest joint venture in the stainless-steel industry between Tsingshan Industries from China and four prominent Indian business groups namely Sunrise Group, Suncity Group, JP ISCON Group and VD Group. The company is led by the young blood of 2nd generation from all these prominent business groups. Our presence in the stainless steel industry has been for more than 4 decades through individual groups and now we have collaborated to become one of the leading manufacturers of coils in the stainless steel Industry. The wisdom & experience of 1st generation and leadership & zest of 2nd generation is what makes our company unique. Young minds are flooded with new ideas and concepts which helps us to do things in a unique way.

Our Product:

We are manufacturers of best in class CR coils and HR Coils in 200 & 300 series and our production of CR Coils has started from June 2019. We are aiming at the production of around 1 million ton cold rolled coils by



December 2019 and additional 1 million cold rolled coils by 2021 apart from 4 million tons of hot rolled coils till 2022. We will be the 4th such facility Worldwide to accomplish such huge production at a single location. Implementation of 5 stand Tandem DRAP (Direct Rolling Annealing Pickling) line at our production facility for stainless steel cold rolling will help us reach faster production lead time which will complete the finishing process in minutes compared to weeks taken by the conventional methods.



Our product range is as below:

Cold Roll Coils

CR 2B Finish			
Sl. No.	Grade	Width	
		Mill Edge	Slit Edge
1	N1/304/304L/316L	1030	1000
2		1240	1219
3		1280	1250
Remarks	ID :- 508 / 610 mm		
	Unit weight :- 9.0 - 12.0 MT / 15.0 - 22.0 MT		
	1030 mm width coils subject to mill confirmation		
	Thickness range: 0.3 mm to 3.0 mm		

Hot Roll Coils

HR No. 1 Finish				
Sl. No.	Grade	Width		Thickness
		Mill Edge	Trim Edge	
1	N1/304/304L/316L	1030	1000	2.5-4.0 mm
2		1250	1220	2.5-5.0 mm
3		1280	1250	2.5-5.0 mm
4		1550	1500	3.0-12.0mm
Remarks	ID 610 MM			
	5 feet 3.0 mm to 12.0 mm			
	Width Tolerance: ± 10 mm			
	1030 mm width coils subject to mill confirmation			



Company details:

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Watch video

Corrotherm International Ltd

Comprehensive Stock from ½" – 8" in seamless pipe and fittings in nickel alloys grades 625, 825, C276, 200/201, 400, 600, Alloy 20.

Stock held in facilities in UK and The Netherlands with a complete range of grades and sizes in both locations.

Corrotherm International Ltd, established in 1992, is one of the leading suppliers of nickel alloys to a wide range of industrial sectors. We are a truly global company with offices in Netherlands, India, Australia, Dubai, Abu Dhabi and Saudi Arabia, with our corporate headquarters based in UK. Over nearly three decades, CIL have been a leading provider of high grade materials for critical applications, with an enviable history of customer support helping clients resolve their problems when dealing with severe service conditions. We are recognized for our distinct ability to provide an array of industrial solutions under one roof and are able to provide total solutions for our customers' requirements. Our strengths include:

- A dedicated professionally qualified team to assist our customers
- Swift service
- Fully traceable and reliable source for the highest quality materials
- Wide range of products for Piping applications in pipes

Corrotherm are approved by a wide range of operators including ARAMCO, ADMA, ADCO, ZADCO, QP, KOC, KNPC, PDO, SABIC

We supply only from world class manufacturers in heat and corrosion resistant metals. Our stock and

Stock Sizes

Alloy	Sizes
Alloy 825 Sch 10/40/80/160	½" ¾" 1" 1 ½" 2" 2 ½" 3" 4" 6" 8"
Alloy 625 Sch 10/40/80/120/160/XXSTR	½" ¾" 1" 1 ½" 2" 2 ½" 3" 4" 6" 8"
Alloy C276 Sch 10/40/80	½" ¾" 1" 1 ½" 2" 3" 4"
Alloy 200/201 Sch 10/40	½" ¾" 1" 1 ½" 2" 3" 4"
Alloy 400 Sch 10/40/80	½" ¾" 1" 1 ½" 2" 3" 4" 6"
Alloy 600 Sch 10/40/80	½" ¾" 1" 1 ½" 2" 3" 4"
Alloy 20 Sch 10/40/80/160	½" ¾" 1" 1 ½" 2" 3" 4"



association with reputed partners has also allowed us to win work in Power & Desalination, Refineries, Petrochemicals and the Marine sector.

Our core strength is in supplying in accordance with stringent technical requirements and complete adherence to project specifications with nearly 30 years' experience in testing, inspection and documentation to the most stringent requirements. We are certified to ISO 9001:2015, ISO 14001:2015 and OHAS 18001.

With our global office network we offer a comprehensive service for Europe, Middle East and Asia Pacific regions with the experience and technical knowledge to support all requirements from project supply to individual or bespoke items, specialising in a stock range of corrosion



resistant nickel grades in addition to supplying duplex, super duplex and refinery grade stainless steels. Our long standing and close relationships with manufacturers worldwide & our stock holding enables us to coordinate complete project packages of nickel alloy tubular requirements incorporating global supply, logistics and documentation of third party inspections & additional testing requirements.



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 Website: www.corrotherm.co.uk

Cross Manufacturing Company (1938) Ltd.

High Temperature Metallic Sealing Solutions

The Cross Manufacturing Company is a world leading manufacturer of precision engineered high temperature metallic sealing rings, brush seals and retaining rings for gas and steam turbines, aircraft engines, automobile turbochargers and transmissions (combustion, hybrid, electric), control valves and many other challenging environments.

Since the 1930s we have specialised in the design and manufacture of heat resisting wrought alloy products, combining technology with innovation to achieve quality, precision and a dedication to excellence.

Today, we work in partnership with international companies in the aerospace, power generation, automotive, industrial processing and associated industries, delivering elegant solutions to the demands of high performance engineering disciplines. Our customers benefit from expert technical support and extensive research and development facilities, supported by comprehensive in-house metallurgical laboratory capabilities. We hold ISO 9001:2015, AS 9100 Revision D, IATF 16949:2016 and ISO 14001:2015 Quality Approvals and NADCAP Process Approvals.

Piston, Sealing and Retaining Rings

Manufactured from wire or rod using an environmentally efficient process producing high strength and high integrity products. Regular production encompasses diameters from 12mm up to 2,000mm and applications in temperatures of 1,000°C.

Brush Seals

Cross has pioneered the development of brush seals, which are a proven technology in the aerospace and power generation industries, delivering



significant efficiency improvements over traditional seal designs.

A brush seal forms an effective barrier to flow whilst accommodating shaft excursions, thermal movements and misalignments that would instantly reduce the efficiency of a labyrinth seal. Cross brush seals have been in service for thousands of hours, delivering sustained performance improvements. Round, segmented, straight and inside-out seals are all in production, whilst flexible manufacturing enables a wide range of cross-sections and wire sizes to be used.

Automotive Industry Seals and Retaining Rings

Cross engine turbocharger and automotive industry rings are manufactured from wrought and machined materials ranging from high speed and stainless steels to nickel and cobalt alloys, delivering cost-effective, optimum performance with excellent resilience under arduous conditions. We have been a trusted partner in the turbocharging industry since its early days and have delivered over one billion high precision parts since the 1980s. Supporting combustion, hybrid and electric technologies, Cross rings, pipe

joints and circlips fulfil high speed and high temperature applications in turbochargers, transmissions, drive trains and exhaust systems. Custom designed production equipment and sophisticated process control techniques ensure superior sealing performance and consistent high quality.

Other Products

These include plunger rings for die casting, spring lock washers and thread lock rings. We specialise in the production of rolled section components for high temperature and corrosive applications and welcome the opportunity to work in partnership with customers on research, development and test projects to achieve increased performance and greater efficiency in thermal and metallurgical technologies.



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Website: www.crossmanufacturing.com

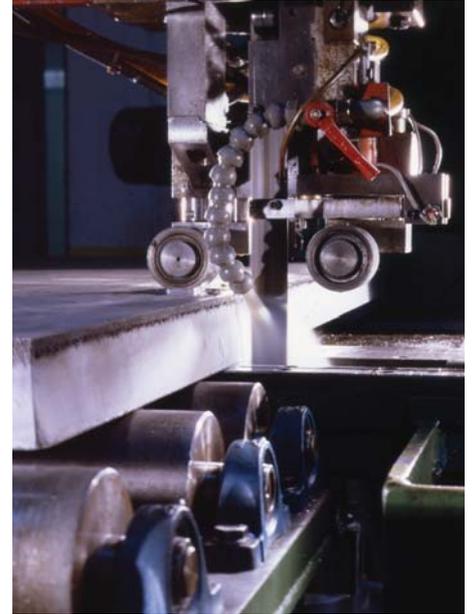
C.S.A.I. S.P.A.

10000 TONS OF STAINLESS STEEL AND NICKEL ALLOY PLATES READY TO BE DELIVERED AS IS OR CUT TO SIZE FROM A MORE EFFICIENT, DOUBLED WAREHOUSE

C.S.A.I. S.P.A. was founded in 1977 as the FIRST Centro Servizio Acciai Inossidabili Stainless Steel Service Centre in Italy and never lost its initial vocation.

From then until now the wish to meet the customer's needs has inspired us towards a constant growth.

Now, thanks to our facilities, 5 plasma cutting machines to cut from 3 mm up to 150 mm thickness, 2 high definition plasma machines, 6 sawing machines up to 300 mm and one of the biggest first



choice stock of stainless steel quarto plates, we can meet all your requirements.

You can find in our stock stainless steel plates standard grades like AISI 304/L-304/H-321-321H- 316L-316Ti up to 150 mm thickness; AISI 347-347H--310S-DUPLEX-SUPER DUPLEX 32750- up to 100 mm thickness; 410S-1.4435-317L – SUPER DUPLEX 32760-904L up to 80 mm thickness; S31254-N08810 up to 40 mm thickness, N02825-N06625 up to 60 mm thickness, NO4400-N10276 N06608 up to 20 mm thickness

All our stainless steel suppliers have a quality assurance in conformity with ISO 9001. Most of the material now is according to NORSOK.

In 5 days we are ready to deliver all over the world from the biggest plate to the smallest piece according to your drawing.

For all inquiries, from whole plates down to small pieces our Sales Department will be glad to help you.

Our website www.csai.net is always upgraded with the new grades.



Company details:

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Website: www.csai.net

Dover Tubular Alloys

Dover Tubular is a master distributor of stainless steel and aluminum tube and pipe selling exclusively to wholesalers and metal service centers. Our company has locations in Dover, New Jersey and Houston, Texas.

Dover Tubular stocks more than 2,000 sizes of stainless steel and aluminum tubing sourced from the leading Domestic, DFARS, AML, and Import mills throughout the world. Our company has one of the most diverse inventories of stainless steel hollow-bar, boiler, heat-exchanger, and general service tubing available within the United States. We also offer seamless stainless steel pipe and aluminum in a variety of schedules. Additionally, our company specializes in quick-turnaround cut-to-length services for both tube and pipe.

Dover Tubular is home to one of the most experienced sales teams within the industry. With an average of 20+ years of industry experience, our team has the knowledge and expertise required to assist with your most complicated



projects. At Dover Tubular, your satisfaction is our priority and we appreciate the opportunity to earn your business.

ALUMINIUM

Seamless Drawn Tube:

OD Range: 1/4" to 5"
Wall Range: 0.028" to 0.250"
Grade / Temper: 6061-T6

Seamless Extruded Pipe:

NPS Range: 1/2" NPS to 6"
Wall Range: SCH 40 to SCH 80
Grade / Temper: 6061-T6

STAINLESS

Seamless Mechanical Tube:

OD Range: 1/2" to 18"
Wall Range: 0.188" to 2.000"
Grades: TP304/L & TP316/L

Seamless Pipe:

NPS Range: 1" to 18"
Schedule Range: SCH 40S to XXH
Grades: TP304/L, TP316/L, TP310S/TP310H, Duplex 2205

Seamless Tube:

OD Range: 1/16" to 8"
Wall Range: 0.010" to 0.156"
Grades: TP304/L, TP316/L, TP310S/TP310H, Duplex 2205

Welded Pressure Tube:

OD Range: 1/8" to 12"
Wall Range: 0.020" to 0.120"
Grades: TP304/L & TP316/L

Welded Sanitary Tube:

OD Range: 1/2" to 8"
Wall Range: 0.065" to 0.109"
Grades: TP304/L & TP316/L



MASTER DISTRIBUTOR OF STAINLESS STEEL TUBE AND PIPE SINCE 1983

Dover Tubular Alloys, Inc.

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Website: sales@dovertubularalloys.com

ELFE

ELFE, the specialist of the Stainless Steel forged flanges.

Created in 1986 by Mr. Alain MEURISSE and Mr. Patrick Handschoewercker, the company ELFE, specialized over the years in restrained forged stainless steel flanges marketing, met most of the requests from informants and pressure devices manufacturers. In 1990, ELFE settled at the current site of Wavrin in a surface of 1000 m², a very sensible location being close to Lille and to the Belgian border, and very accessible by diverse highways which surround it (A1, A23, A25, A22). In 1997, the group Avesta Sheffield bought ELFE and became 100% owner. It was in 2004 that the Finnish group Outokumpu merged with Avesta, and ELFE saw itself absorbed by Outokumpu. In 2007, ELFE was bought by the Indian smith SHREE GANESH, managed by M. Deepak Sekhri. Since 2010, ELFE has belonged to the investments fund INDIGO Investment located in the United Arab Emirates. ELFE has a staff of nine people at the moment, and is managed by Mr. Benoit Vanlaere, who has been the president since 2010.

Customers

With 30 years of strong experience, ELFE is present in the following sectors:

- Petroleum industry
- Chemical industry
- Pharmaceutical industry
- Food-processing industry
- Aeronautics



- Boilermaking
- Mechanics
- Pressure devices Manufacturers
- Faucet factory
- Piping
- Retailers

Quality

Leaning through know-how and more than 30 years' experience, ELFE develops and produces standardized forged stainless steel flanges answering most of the informants and pressure devices manufacturers' requests. ELFE's production, assured by European and Asian partners, allows to supply a complete service in terms of:

Manufacturing

To answer your specific demands ELFE is able to assure the following manufacturing operations: drilling, trepanning, tapping, threading, standard or custom-made bore, trimming, retouch states of surface (RA), and assure you a manufacturing deadline of one to two weeks maximum.

Certifications

Supervised by certifications and approvals such as:

- T.Ü.V AD 2000-Merkblatt W0
- T.Ü.V PED 97/23/EG
- DNV ISO 9001:2000
- Lloyds Register Certificate 1/ PMI* Test 2/ Contr™ the destructive by lot

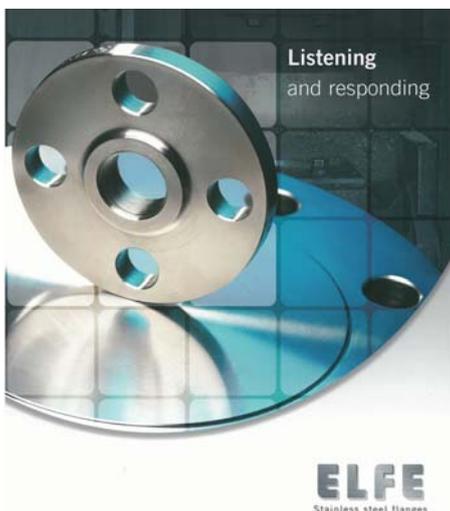
Reactivity

- Production and delivery times extremely short thanks to:
 - A stock of available billets in diverse sections and 8 shades,
 - A high level European as well as Asian flanges in stock
 - Immediate shipment
 - Delivery Day+ 1 to Day+2

Flexibility

Adaptation to many technical specifications: special thicknesses, fittings, Ra, RTJ, flanges with orifice, etc...

For 1 or 1000 flanges, DN15 or DN800, our technical and commercial departments implement the same energy to satisfy you.



ELFE
Stainless steel flanges

Company details:

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Website: www.elfebrides.com

Energy Metals, Inc

A GRADE ABOVE THE REST

Energy Metals, Inc. is a master distributor of specialty stainless and high nickel alloy pipe, fittings, flanges, and pressure fittings serving primarily the petrochemical, refinery, and chemical industries through distribution. Energy Metals was acquired in 2010 by Texas Pipe & Supply, one of the largest stocking distributors of commodity stainless and carbon steel pipe in the United States.

Currently Energy Metals stocks a full range of Nickel Alloy, Specialty Stainless Alloy, and Duplex Alloy in pipe, fittings, flanges, and pressure fittings.

The team at Energy Metals, Inc believes in a tireless effort to keep its customers satisfied. We are dedicated to supplying excellent products and incomparable service and work hard to provide our customers with an unparalleled experience worldwide. With over 100 years of combined industry experience, the team at Energy Metals is prepared to assist you with your most difficult inquiries. We pride ourselves in being a key player in the industry and we know you will feel the same.

PRODUCT

Seamless Pipe: ½" - 16" Schedule 10s-XXH

Welded Pipe: 4"-24" Schedule 10s-80s

Buttweld Fittings: ½" - 24" Schedule 10s-160



Flanges: ½" - 24" 150#, 300#, 600#
Pressure Fittings: ½" - 2" Pressure Rating 3000# THRD/SW

MATERIALS

Nickel Alloy (Alloy C276, Alloy 20, Nickel 200/201, Monel® 400, Inconel® 600, Inconel® 625, Incoloy® 800H/HT, Incoloy® 825)
Specialty Stainless Alloy (317L, 310S/310H, 321/321H, 347/347H, 304/304H, 316/316H, 904 - L, 254 SMO)
Duplex Alloy (Duplex 2205, Super Duplex 2507)

HEATER TUBE GRADES AND SIZES

Pipe - (Stock available in Double Random Lengths as well as Single Random Lengths)
304H, 321H, *347H, A800HT Piping
3" 40s, 80s, 160
4" 40s, 80s, 160
5" 40s, 80s, 160
6" 40s, 80s, 160

Fittings - Stock available in Long Radius/Short Radius 180° Return Bends + Short Radius 90's
304H, 321H, *347H
3" 40s, 80s
4" 40s, 80s
5" 40s, 80s
6" 40s, 80s
*347H Stabilized @ 1650°F for 4 Hours

HARD TO FIND HEAVY WALL PIPE

Sizes in Stock
304H, 321H, 347H
Sizes - 6", 8" 10" 12"
Schedules True 80, 100, 120, 140, 160 & XXH

SERVICES

Cutting
In-house Machining
Positive Material Identification



Company details:

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(ASIA): 0065 9768 5285
Fax: (USA) 001 713 790 0223
Email: emisales@emetalsinc.com
Website: www.emetalsinc.com

Ensitech Pty Ltd

Ensitech is the Australian manufacturer and inventor of the TIG Brush™ Stainless Steel Weld Cleaning System, which has revolutionized weld cleaning and surface finishing. The TIG Brush system uses a proprietary electrochemical process, combining NSF approved, low-toxicity fluids with a patented power supply and unique brush design to produce superior results. It provides one-step cleaning and passivation (tested to international standards), requires little user training, and gives welders complete control over the surface finishing of their work.

Ensitech differentiates its products by developing new technology and by adhering to the principles of ISO 9001:2016 quality management system. As a result, Ensitech has obtained and applied for numerous patents for new technology. An example of this is the newly developed PROPEL Torch and SSALLY. Another example is Ensitech's NSF certified proprietary low-toxicity fluids which adhere to the stringent standards for public health protection and comply with the standards and procedures imposed by NSF.

Operations in the US have expanded with the number of US distributors now exceeding 50+ channels with continuing forecast for growth in this market. Ensitech has also established new distribution channels into the markets of India, China, Singapore, South Africa, Mauritius, Austria, Norway & Poland, exporting over +6000 TIG Brush units while further growth is projected for Japan, South Korea and Taiwan.



The "TIG Brush Effect" as it has become known, is the wide-eyed look of disbelief frequently shown by first-time observers as they view the TIG Brush's superior weld cleaning & passivation capabilities. The TIG Brush Stainless Steel Weld Cleaning System creates a unique combination of electricity, heat and chemistry to deliver superior results in weld cleaning and metal surface finishing. The TIG Brush range consists of the TBE-440 for general fabrication, TBE-550 for general and heavy metal fabrication and TBE-700 recognized as the fastest, most powerful electrochemical weld cleaner of its type in the industry. All models also have surface finishing capabilities including polishing, marking and etching.




ensitech®

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Era S.r.l.

Founded ten years ago from the experience of the partners in the production of pipes and fittings, Era S.r.l. is today a highly flexible company focused on the production of **welded elbows cold formed from plate in two halves**.

From our new plant of totally 5.000 m² inaugurated this year we are able to offer a better and better service and high-quality products trying to meet all the customer expectations.

Main Applications:

- Oil & Gas
- (Petro)chemical Industry
- Nuclear power Industry
- Energy Sector
- Water Treatment
- Pulp & Paper

Dimensional Range

- Ø from 6”(168mm) up to 42”(1067mm)
- Wall thickness from 3 mm up to 20-25mm
- Long Radius (3D) and Short Radius (2D)

Norms

- EN10253-3, EN10253-4 Typ A/B
- ASTM A403-B366

Materials

Stainless Steel 300 Series

- 304/304L - 1.4301/1.4307
- 304H - 1.4948
- 316/316L - 1.4401/1.4404



- 321 - 1.4541
- 316Ti - 1.4571
- 347 - 1.4550
- 347H - 1.4961
- 317L - 1.4438

Heat Resisting Steels

- 309S - 1.4828
- 310S - 1.4845
- 410S - 1.400

Super Austenitic Alloys

- 904L - 1.4539
- 254Smo - 1.4547

Nickel Alloys

- Alloy 400 - 2.4360
- Alloy 600 - 2.4816
- Alloy 625 - 2.4854
- Alloy 800/800H - 1.4958
- Alloy 800HT - 1.4959
- Alloy 825 - 2.4858
- Alloy 59 - 2.4605
- Alloy C276 - 2.4819

In addition, we can also offer Branch Welded Tee and Concentric/Eccentric straight Reducers made from plate up to 20 mm wall thickness.

Do not hesitate to contact us!



manufacturer of welded elbows

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Website: www.erafittings.com

ETHEN ROHRE GmbH

DEDICATED TO PRECISION SINCE 100 YEARS

Our capillary and precision tubes are part of machinery and plant manufacturing processes throughout the world. They're used to pressurize, regulate and control in the fields of medical engineering, raw material extraction and energy generation. We feel at home in all areas of application where maximum precision and heavy-duty characteristics are required. That makes us a partner whose products made in Germany guarantee reliability throughout the world. That keeps inspiring us to more and more new investments in machinery and our know-how to keep pushing the limits of what is possible in the manufacturing of capillary and precision tubes. We turn tubes into forward-looking technologies – piece by piece, meter by meter. After all, precision is our passion.

VERTICAL RANGE OF PRODUCTION AND FLEXIBILITY

With outer diameters of 0.7 mm to 19.05 mm and wall thickness of 0.1 mm to 2.50 mm. Also small quantities without minimum order quantities – thanks to flexible processes and our stock list, www.ethen-rohre.de/en/stock-list, we're offering more possibilities. Based on our capillary and precision tubes manufactured in-house, sleeves are made within very narrow tolerances for diameter and length in the ETHEN manufacturing center. From 2 mm length and a diameter of up to 19.05 mm.

WIDE CHOICE OF MATERIALS

Titanium, nickel, nickel-base alloys, rustproof and heat-resistant stainless steels, special materials – we are further developing quality standards with all materials.



SERVICES AROUND THE TUBE PRODUCTION

Have your precision tubes drawn, re-drawn, set or annealed – the people behind **ETHEN ROHRE** love tubes and are committed to precision.

CERTIFIED QUALITY

In all segments of the company, we practice a quality philosophy that we subject to permanent in-house and external auditing in all areas. We're certified acc. to TÜV-Cert DGR 2014/68/EU, DIN EN ISO 9001:2015, AVS Certification, KTA-Approval, PSO Certification and AEO.



AT HOME IN MANY INDUSTRIES

Capillary and precision tubes from **ETHEN ROHRE** are used in all industries where a combination of delicate structural components and maximum quality is required. Whether for use in mass production or large facilities, in safety-critical or system-relevant applications, **ETHEN ROHRE** disposes of all certifications that officially acknowledge the necessary quality in writing as well. Furthermore customized advisory services and reliable logistics supplying worldwide make sure, that you get the right tube delivered at the right time to the right place.

The largest customer industries of **ETHEN ROHRE** include:

- APPARATUS ENGINEERING
- AUTOMOTIVE INDUSTRY
- CHEMICAL INDUSTRY
- OIL & GAS INDUSTRY
- MEDICAL ENGINEERING
- MEASUREMENT & CONTROL TECHNOLOGY
- ENERGY & NUCLEAR TECHNOLOGY
- SCIENCE

Select your desired tube with our interactive stocklist:

www.ethen-rohre.de/en/stock-list



DEDICATED
TO PRECISION

Company details:

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Website: www.ethen-rohre.de

EXATON

Exaton specialty alloy filler metals are your best defence against corrosion.

Exaton (formerly Sandvik Welding operations and now part of the ESAB Group) specializes in crafting the highest quality filler metals with unwavering consistency for welding stainless steels, the duplex family, and nickel alloys in the most demanding environments.

Manufacturing of the wire has now moved to ESAB's state of the art factory in Czech Republic but still utilizing the same manufacturing processes, techniques and materials as developed by Sandvik.

Exaton welding consumables guarantee;

- Safety - proven performance in demanding environments, consistent and high weld quality makes service life safe for people and the environment.
- Cost reduction - grades that reduce the number of manufacturing operations and reduce repair work. We also have special grades that are modified to be safe against cracking.
- Productivity - chemistry consistent between heats and batches makes manufacturing more predictive and consistent. Consumables for high speed welding take your productivity to a new level of industry standard.



You can use our material innovations and can rest assured that the matching welding materials will maintain the required quality for both industry standards and your own company's particular needs.

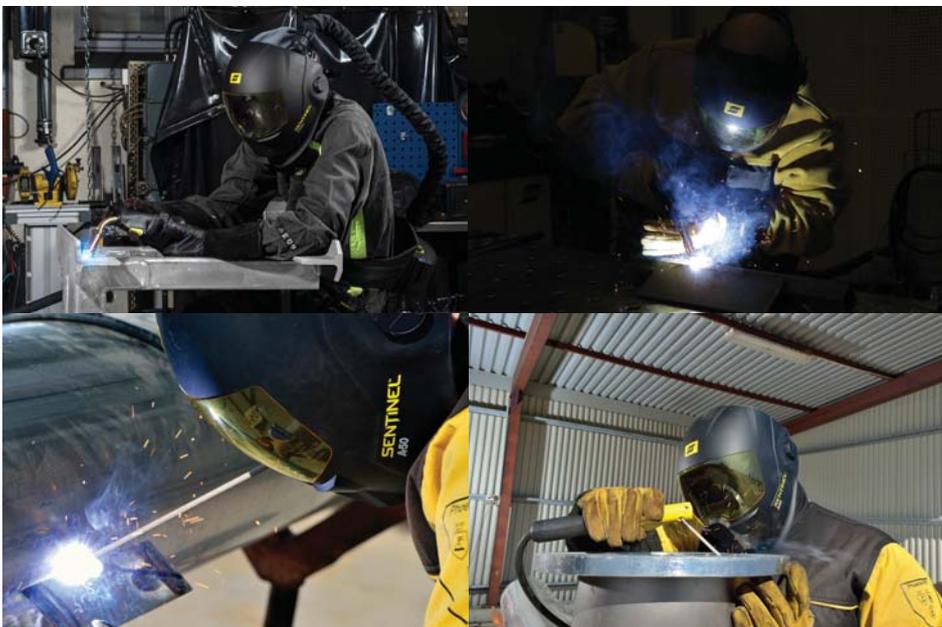
Our experience in very many applications and our capable technical support is always at your disposal when you are unable to find the solution you need.

EXATON[™]
AN ESAB[®] BRAND



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FeNiXS Steel N.V.

FeNiXS Steel is a stockholder and global trader of stainless steel. The company was founded in 2012 by an experienced team of stainless steel professionals. Our market reach expands across the globe as we currently trade in over 40 countries on 5 continents.

Our strategic focus is to match our extensive excess prime and second choice supply availability from mainly European stainless steel mills and service centers to the specific demand needs of our diversified global customer base.

We offer hot and cold rolled stainless steel in both austenitic and ferritic stainless steel families with varying dimension, thickness and product type. We specialize in flat products in a wide range of thicknesses, dimensions and finishes. Typically coils are available from a width of 100 mm up to 2000 mm and sheets come in both standard and non-standard sizes.

We are located near to the Port of Antwerp, Belgium, which provides us



with a great logistical advantage. The central location of Antwerp also puts us in proximity of various service centers who can cut to length, polish, slit or perform other value added services at the clients' request.

Our continued stock positions and location at the Port of Antwerp also allows for fast delivery times. We provide

weekly listings of newly available materials to our loyal customers. If requested we can also source special alloy requirements or specific dimension needs beyond what will be available in our recurring stock listings.

Please do not hesitate to contact us with any specific questions or enquiries you might have.



FeNiXS

STEEL

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FeoClean

FeoClean manufactures a range of machines for the electrolytic weld cleaning market. This market has many different solutions with their own strengths and weaknesses.

Most companies in the market will claim that their machines will do all tasks better than any other machine. This is not the case. The biggest divide is between machines designed and optimised to operate with carbon fibre brushes, versus those machines designed for pads. Pads are much better than brushes for some applications, but brushes are better than pads for many applications. For complex design reasons, a machine designed to operate with a carbon-fibre brush is not designed to drive a pad well, and the reverse is even more true.

Also, if you are working with thin sheet material, eg 1mm or less, then a powerful machine is a waste, because such material cannot be driven with high current densities. A powerful machine has to be reduced to low operating levels, to clean thin metal – high current densities will overheat the surface temperature on such material and cause its surface appearance to change.

All FeoClean machines have a low power operating mode, but if that is all you ever needed, then one of the many small weld cleaners on the market would be a better choice. By contrast, such small machines will always struggle cleaning large areas fast, and cleaning areas with more black oxide (FeO), than red oxide (rust, Fe₂O₃).



FeoClean do not profess to make a weld cleaner that is the best for all cleaning tasks. Our claim is that we make a series of very powerful carbon-fibre brush based weld cleaners. The FeoClean machine tools, and their cable sets, are very rugged, and well suited to the most heavy duty workshops.

Some people in the industry claim the ability to clean all TIG, and/or all MIG welds. This is nonsense. TIG is easier to clean than MIG, but when welding is done manually, the welder may not move the stick fast enough, or may use too much welding current and/or have insufficient argon pressure. The result may be some thick regions of FeO. Nothing short of abrasives (or a bead blaster) will remove

a thick region of FeO. All I will claim for FeoClean is that our higher electric currents give us a better chance of removing it, than other cleaners.

MIG produces many more “black spots”, than TIG welding. FeoClean will not claim to remove them, but we claim that our higher operating currents give you a better chance.

Simple operation (only one knob), no fans, no grills, closed frame, professional cables, high operating currents, larger brushes, ruggedness – this is what we make, and all we claim.



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GUANGDONG YAOLONG METAL TECHNOLOGY CO., LTD

YAOLONG TUBE INDUSTRY--
GUANGDONG YAOLONG METAL TECHNOLOGY CO., LTD was founded in 2004, equipping with pickling, online inner welded bead removed, online bright annealing, inner and outer polished machine etc. It is headquartered in Shunde, Foshan, and currently has 5 factory branches in Foshan, Guangdong and Nantong, Jiangsu. The Jiangsu factory mainly produces heat exchanger tubes, sanitary tubes, food grade hygienic tubes and industrial tubes while the Foshan factory focuses on ornamental tubes, industrial tubes and customized fabrication. YAOLONG proudly provide pipes for boiler pressure vessels, heat exchangers, condensers, petroleum, chemical, paper, water treatment, food, beverage, pharmacy, biological and other industries.

1. Heat exchanger tubes (application: boiler, superheater, heat exchanger, condenser, evaporator)
ASTM A249/ASME SA249
ASTM A269 (Welded)
EN10217-7

OD: 15.88-120 mm
Thickness: 0.8-3.0 mm
Length: 6m or as customer's request
Surface: bright annealing or pickling

2. Food grade sanitary tubes (application: beer, food, beverage, pharmacy, biological, high sanitary industry require)
ASTM A270
EN10357 (DIN11850)
AS1528.1
ISO 2037

OD: 19.05-101.6 mm
Thickness: 0.89-3.05 mm
Length: 6000 mm or 6096 mm
Surface: polish (240 grit/320 grit/400 grit)



3. Large diameter industrial pipes (application: petroleum, chemical, paper, water treatment, construction, energy, environmental protection, textile)

ASTM A312
ASTM A778
EN10217-7
GB/T12771-2008

OD: 21.3-2000 mm
Thickness: 2.11-18.0 mm
Length: 5800~6000 mm
Surface: Heat treatment + pickling

4. Mechanical tube (both round and rectangular) (application: handrail, decorative furniture)

ASTM A554
EN 10296-2/EN 10219-2

OD: 9.5 mm-406 mm
Thickness: 0.5-10.0 mm
Length: 5800~6000 mm
Surface: polishing/hairline/
mill finish





Company details:

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Skype: isabellazhong2



Guild International

Guild International offers a complete line of coil end welding machines for almost any steel processing, tube and pipe producing or stamping application. Our line of patented equipment includes laser welders, arc welders and resistance welders. Our Shearwelders™, Zipwelders™ and Zapwelders™ are the most technically advanced welding machines on the market. Guild International also produces a full line of entry equipment including uncoilers, speed funnels, flatteners and horizontal accumulators for tube and pipe mills. Each one of these machines is designed and manufactured to improve the productivity of any strip processing line requiring coil handling and coil end joining and welding.

Guild's team of engineers are dedicated to helping customers assess and determine their coil end joining needs to ensure proper equipment design and compatibility with existing equipment. With thousands of installations around the globe, Guild International has the experience, knowhow and manufacturing capability to help their customers stay competitive in today's manufacturing environment. Some of the welders available include:

The MEL Laser Welder™ is designed and engineered to be one of the most technically advanced laser welders on the market. It butt welds two coils together using an American-made fiber laser system. It can be used on a wide range of weldable alloys including carbon steels, stainless steels, silicon steels and aluminum.

The RCM Zipwelder™ produces a high quality weld using either TIG, Plasma, MIG or laser welding to produce a very high quality butt weld. The two coil ends are centered, sheared, then moved into



position and the welding process occurs. Strip thickness can range from about 0.5mm up to 16mm.

The NB Overlap Resistance Welder joins two overlapped coil ends together using the resistance welding process. The welds created with this machine are overlap welds created by a weld wheel and a current wheel. Depending on material and thickness, the welds are made in either 'spot' mode or 'seam' mode.

The QMT and QMM Quicklap Seam Welders produce very high quality welds that are generally no more than 10 percent thicker than the parent material. The QMT is used for higher speed applications and the QMM is used on heavier gage applications. It joins together two coil ends by resistance welding two slightly overlapped strip ends and the welds created are often as strong as the parent material. Any weldable material can be joined on these machines.

Guild International also offers a complete line of tube mill entry equipment for almost any tube and pipe producing application. We produce a full line of accumulators, uncoilers, flatteners and speed funnels that feature heavy duty



fabricated steel construction. These machines are available with many options to fit any specific application.

In addition, the company also offers a well-stocked department of spare parts for any old or new machine.

With Guild's coil joining and processing machinery, users can improve the productivity of their processing lines and stay competitive in today's business world.



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HARALD PIHL

Having built up the family-owned business over the past century, HARALD PIHL distributes the largest range of nickel, titanium and alloys in Europe. With products in all forms and most dimensions the company is able to supply their customers with materials without any unnecessary lead times. With an ever growing focus on the international market HARALD PIHL's products are used in different productions all over the world. Today the company is represented right across Europe and has just opened a warehouse in China and an office in India.

Super-fast deliveries

HARALD PIHL's specialty is very fast delivery times. All enquiries are answered within an hour and orders placed before lunch are shipped the same day. Furthermore, the company has embraced the latest technologies to stay ahead of the competition and become a 'one-stop-shop' for customers. The entire stock offering is listed on the company's website, available in 16 languages, which saves customers a lot of time as they can easily and quickly find the products they need in the materials and sizes required.



Largest stock in Europe

HARALD PIHL has a wide assortment of corrosion resistant alloys, heat resistant alloys, creep-resistant alloys, special alloys, stainless steel, titanium alloys, low melting point alloys, copper alloys, welding material, and refractory metals. The materials are available in most forms like wire, rod, sheets, plate, strip, tubes & pipes and in several dimensions. The diversity of the product range makes HARALD PIHL able to supply almost every market. In addition, the company also offers their customer a number of value added services, such as sawing, shearing and waterjet cutting. All these services are done in-house in

order to offer customers competitive prices and short delivery times.

Maintaining an edge over competitors

HARALD PIHL gained Aerospace EN9120 approval in June 2013. The company also supplies NORSOK M650 certified material in different grades of titanium. This is mainly used in the oil & gas industry for pipes, bars and fittings. Quality assurances such as NORSOK M650 and Aerospace EN9120, as well as HARALD PIHL's long history and the highest credit ranking possible makes the company a reliable partner for new customers to start working with.



FASTEST SUPPLIER IN EUROPE



HARALD PIHL
SPECIAL ALLOYS AND TITANIUM
WWW.HARALDPIHL.COM

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Hart b.v.

Leading Stockholder in Nickel Alloy Piping Products

Hart b.v. is a specialised stockholder in Nickel Alloys and acts as a master distributor of Nickel Alloy Piping Products for the suppliers to the Oil & Gas and (Petro-) Chemical Industries. We can assist in all your requests to complete your piping packages (Total Project Management).

Projects requiring Nickel Alloy products can be supplied directly from our extensive stock.

We have been active in selling piping products worldwide for 55 years and therefore have longstanding partnerships with reputable European and North American mills. We supply quality products in accordance with the high standards of the industry.

To meet the requirements of our customers in the Middle East region, we have a sales office and warehouse – ISO certified – in the United Arab Emirates: Hart Middle East FZE and a sales office in Abu Dhabi.

Nickel Alloy materials in stock

- Alloy 200/201
- Alloy 400
- Alloy 600
- Alloy 625
- Alloy 825
- Alloy C276

Products

- Pipe, seamless and welded
- Tubing, seamless and welded
- Fittings, butt welded and forged
- Flanges, according to ASME, DIN, EN, JIS and according to drawing
- Plate, full plates or cut to size
- Bar, full lengths or cut to size



Hart b.v. head office in Nijkerk, the Netherlands.

Size

- ½" up to and including 8"
- Sch10s up to and including XXS

Industries served

- (Petro-) Chemical Industry
- Upstream Oil & Gas
- Downstream Oil & Gas
- Subsea
- Pulp & Paper production
- Waste treatment
- Pollution control
- Marine Engineering

Quality Assurance

- ISO Approved
- Listed on many Approved Vendor Lists (Shell, Aramco, PDO, etc.)
- Total Quality Management System
- International standards (ASME, TUV, PED)
- Certification 3.1. and 3.2
- All stock material: 100% PMI, Dual certified ASTM/ASME and NACE MR01-75/01-03
- Inspections and additional testing when required



Services

- Delivery within 24 hours exworks
- Facilities to cut in house
- PMI facilities in house
- Facilities for testing according to customer specifications
- Capable of remarking in accordance with PED guidelines
- Full material traceability
- Complete Logistical support
- Total Project Management
- Spoken languages: Dutch, English, French, German, Portuguese, Spanish and Italian



Leading Stockholder in
Nickel Alloy Piping Products

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Hempel Special Metals GmbH

Hempel Special Metals is a long established international supplier of semi products made of standard and special stainless steels, nickel based alloys, titanium and zirconium. Our clients come from all major industries making use of these materials, as well as from niche ones such as the watch and medical-implant industries.

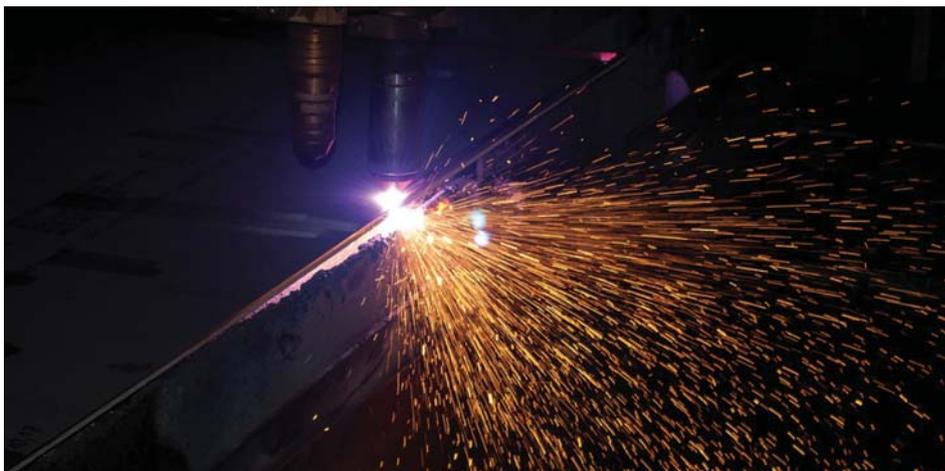


With service centres and sales representatives around the world, Hempel Special Metals is a global distributor of high-performance materials.

The group employs almost 100 people and generates revenues of over 100 million USD in over 20 countries.

In addition to a wide range of products and metal processing services, Hempel Special Metals provides solutions to complex materials challenges faced by end users from various industries, thanks to its extensive technical expertise and long-term partnerships with mills, fabricators, suppliers and knowledge centres. We are constantly expanding our product portfolio and network of contacts, which is reflected in our healthy turnover growth.

Hempel Special Metals is now one of the largest distributors of special piping materials in Germany and, for certain materials such as Alloy 59, Monel 400 and 1.4529, the leader in Europe.



More specifically, Hempel Special Metals is going to invest in new material grades. For example the Alloy 24 (1.4565), a well-known material used primarily in the chemical industry, seawater desalination plants and for scrubbers.

Alloy 24 is a high alloyed stainless steel which all the major mills are capable of producing, but in the last few years a lot of people have forgotten

about it. This material can be found in many applications and industries, particularly in Germany and the Netherlands: power plants, chemical industry, heat exchangers, ship equipment etc.

Hempel Special Metals is not a standard trader, we are more technical traders. When the client is not certain about which material to use, we help them find the right solution.



HEMPEL
metals & more 

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Invex AB

Invex is your competent supplier of products, solutions and services in the metal industry, semi-finished products in Titanium, Special qualities of stainless steel, steel and Aluminium. Our strengths include a broad international network of contacts world-wide with plants and wholesalers in the metal industry and extensive material expertise.

Documentation

With documentation and traceability throughout the whole chain, we have full control over the processes from order to delivery. We can trace an order throughout the whole chain to provide you the customer with correct, reliable information. Good traceability is a requirement in production to meet the demands of both authorities and customers. There are also financial aspects of traceability. Reduced costs of faulty products, incorrect deliveries and cancellations are some examples of the benefits of effective traceability.

Corporate culture

Our corporate culture is characterized by commercial awareness, humanity and inclusiveness, and this is underpinned by a flat, fast-moving organization. Good business ethics and long-term, trusting relationships are important starting points both internally and in contacts with external parties.

The flat organization with short decision-making paths and decentralized responsibility results in good market knowledge and a proximity to our customers. It has been a precondition and a requirement for modern manufacturing industry in recent years to have extended collaboration, greater integration and more mutual commitments between companies throughout the entire value



chain. These extended collaborations, in which business relationships are more like partnerships, suit us. We have for many years been working very closely with our customers throughout the whole product life cycle. From product development, production planning and production technology to specially adapted delivery systems.

Service

Knowledge and service are two of our most important concepts in ensuring

that you the customer ultimately receive the best possible product. Through our large network of contacts, we can obtain most materials and versions for you, the customer. We start with our warehouse, but if something is not in stock we can source it within a reasonable period.

We know what service is and we focus on you.



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Jiangsu Hongbao Group Co., Ltd

Titanium Pipes & Tube Manufacture—Jiangsu Hongbao Group Co., Ltd

Jiangsu Hongbao Group Co., Ltd (Jiangsu Hongbao High-precise Pipe & Tube Co., Ltd) is located in Zhangjiagang City in P. R. China and is only 2.5 hours' driving to Shanghai and is one of the largest tubes and pipes manufacturers in China.

In 1993, Hongbao set up the titanium products factory for sponge melting and seamless tubes production, who can be considered as the pioneer in China in this area. For more than 25 years' growth and supported by professional technical team and facilities, Hongbao is now specialized in developing and manufacturing Titanium and Titanium alloy ingot, Titanium and Titanium alloy seamless tubes, copper alloy tubes and high-strength oil well tubes, which have been widely used as key components for seawater desalination, salt making, soda ash, PTA, petrochemical oil wells and warship equipment etc.

Hongbao has passed the quality and management system certifications, such as ISO 9001, IATF16949, ISO 14001, OHSAS 18001, Lawrence Certification and Norwegian DNV Factory Certification etc.

The company is equipped with the most advanced process equipment, including vacuum consumable smelting furnace, 120 large-caliber cross-rolling piercing mill, extrusion piercing mill, ultra-long vacuum annealing furnace (9m, 11m, 18m), and other modern processing equipment. Meanwhile the company owns a test center and qualified QC team. The test devices cover chemical components tests, such as ONH element analyzer,



Metallurgical microscope, carbon and sulfur analyzer, mechanical performances, such as tensile strength tester, hardness tester etc. and non-destructive tests, such as ultrasonic flaw detector, eddy current flaw detector, Hydrostatic test etc.

Hongbao offer different material grade, and a complete range of specifications: Material: Gr1 (TA1), Gr2/(TA2), Gr3 (TA3), Gr5, Gr7 (TA9), Gr9 (3Al2.5V), Gr12 (TA10), Gr16, TiB90, TC11, STi80; Outer Diameter Range: 6-219mm; Wall Thickness Range: 0.5-18mm; Max Length: 18 meters.

The products are exported to the countries and regions worldwide, such as U.S.A. Germany, Italy, Japan, South Korea and Eastern Asian etc. With the stable quality, timely supply, suitable price and fine service, Hongbao receives unanimous praise from our customers.



Hongbao takes the value of "Integrity, Stability, Creativity and Excellence" and adheres to "being more efficient, more energy saving and higher quality" to produce perfect metal pipes and tubes. Hongbao sincerely hopes to create a bright future together with you!



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Website: www.hongbao.com

Jiangsu Longyang Metal Technology Co., Ltd.

Jiangsu Long Yang Metal-Tech Co., Ltd. was established in 2006 with a registered capital of 60 million RMB. As a modernized enterprise, our company, with self-conducted import & export rights, is specialized in manufacturing stainless steel welded pipe. We have advanced pipe-making equipment which is imported from an overseas high-tech company.

The design and manufacturing capability is up to 20,000 tons a year. In order to meet the customers' requirements, we have set up a complete quality assurance system, taking the lead in obtaining the manufacturing permission of the special equipment of pressure piping parts and the certification license of ISO9001-2015 quality management system.

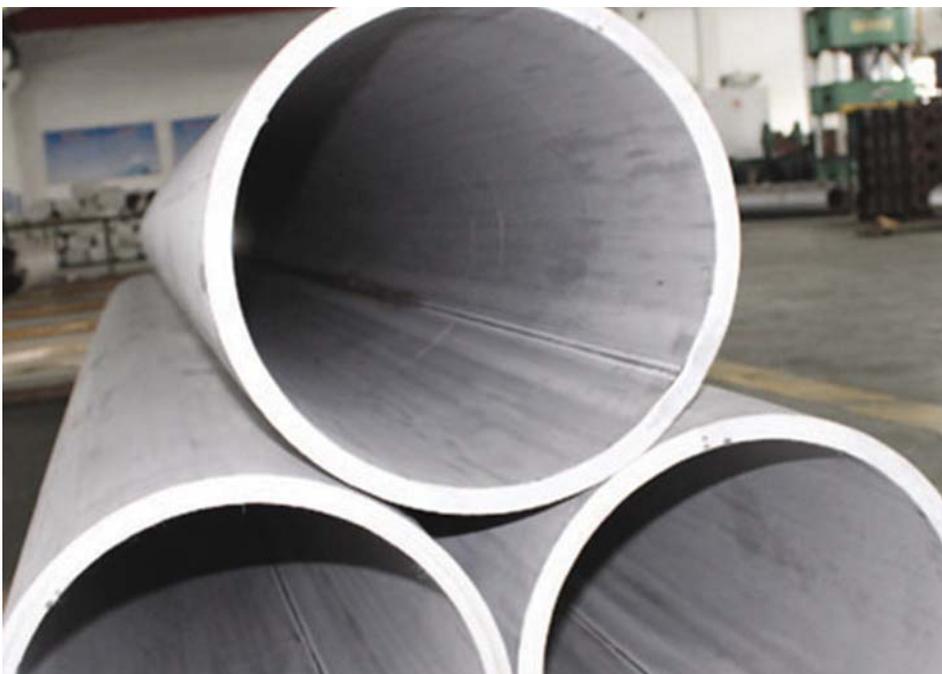
The company has perfect testing facilities such as eddy current inspection, X-ray inspection, hydrostatic testing, spectral analysis, intergranular



corrosion testing, and mechanical property.

The product technology complies with the standards of GB/T 12771-2008, ASTM of USA, DIN of Germany, EN of EU, JIS of Japan etc. We provide high-qualified products and services to both domestic and foreign customers.

Our company always adheres to the operating philosophy of "Seeking Truth, Being Pragmatic and Innovative" and the principle of "Quality First and Customer Oriented". We constantly manufacture good-quality stainless steel welded pipes with painstaking preciseness to return the trust of our customers.



— LONG YANG TECHNOLOGY —
龙洋科技
Tube&Pipe

Company details:

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Phone: 0086 51080690288
Email: yangyan@jslongy.cn
Website: www.lytubes.com

La MEUSIENNE

La Meusienne is a renowned manufacturer of **welded stainless steel tubes** with customers in Western and Central Europe. The company has been a 100% holding of the Mutares Group since 2017.

The company's headquarters and production site are in Ancerville (France).

With over 50 years of experience behind us we focus on building a reliable partnership for the future of our respective companies.

Our sales dynamism, the expertise & know-how of our production teams, our flexibility and reactivity, our technical support will be at your disposal to enhance your success on the market.

Today our production is dedicated to **process pipes for fluid transfer, heat exchangers, chemical appliances, sugar, food & beverage.**

Standard stainless steel austenitic or ferritic grades are available as well as some special ones such as Duplex, Super Duplex, Inconel, special alloys or heat resistant grades.

Several manufacturing processes are implemented by our qualified and experienced Workers with LASER or TIG welding skills.



Slitting raw material, welding, pickling, polishing or cutting to length as well as all the production tools are gathered on site.

When it comes to customer satisfaction, we rely on:

- **COMMITMENT :**

Our team is fully committed to bring you satisfaction in answering within the day your enquiries, with precision, adapted delivery time and competitive price.

- **QUALITY:**

ISO 9001/2015,
Our workers are COFREND certified for non destructive tests performed during the production
Quality management in the heart of the production

Quality controls during the whole production process.

- **ON TIME DELIVERY :**

La Meusienne has a strong experience in the automotive business. Production forecast is one of our strength with over 95% OTD, order book follow-up, regular information are part of our daily tasks.

- **FLEXIBILITY :**

When delivery time is key to win an order, La Meusienne offers you flexibility in our production forecast in order to meet your requirements.

***You want to know more?
Just give us a call or send
a mail!!!***



Company details:

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Website: www.lameusienne.fr

Langley Alloys Limited

Langley Alloys Limited is a British company with a worldwide reputation - supplying unique metals for your demanding applications.

Operating from locations in the United Kingdom, United States and Singapore, we carry extensive stocks of advanced stainless steels, nickel and copper alloys in bar and plate. Typically bar is available in a range of sizes from ½" up to 16" diameter and plate from 1/16" to 3" thick. We also supply pipework packages, fittings, flanges, forgings and machined parts as required.

We possess in-house testing, machining, milling and deep hole boring facilities to reduce your overall lead times and costs.

With 80 years of experience, our products can be found in the harshest of conditions, whether it's for subsea systems at great depths or the aggressive environments found within oil and gas, power generation, pulp/paper, chemical process industry or general engineering applications.

Our customers benefit from the technical support of a team of experienced metallurgists, and a business that is well-versed in finding solutions to supply challenges. All alloys are of European origin and comply with the highest international

standards e.g. ASTM, NACE and NORSOK, ensuring the quality and repeatability required for your application. Langley Alloys operates a quality management system based on ISO 9001 throughout our business units worldwide.

Langley Alloys was the first company to develop a super duplex stainless steel. The latest variant, marketed as Ferralium® 255-SD50, is manufactured to exacting standards and is well-known for its enhanced strength and corrosion resistance when compared with other super duplex grades. Our portfolio also includes several other trademarked alloys - the Hiduron® range of high-strength cupronickels, and Hidurel® which is a high-conductivity cupronickel.

As the preferred distribution partner of Sandvik for super duplex alloys in the UK and USA, we carry the most comprehensive stock of their high-performance alloys, including Sanmac 2205 and SAF2507, as well as 32760. We also carry an extensive stock of Sanmac 316L hollow bars, to save you machining cost and time.

Our network of sites all hold stock and have on-site cutting facilities, geared to respond quickly, so that Langley Alloys can meet your requirements wherever you're located.



Langley Alloys

80 YEARS OF UNIQUE METALS

1 9 3 8 - 2 0 1 8

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United States of America
Phone: 001 800 878 3675 /
001 360 883 0569
Email: usa@langleyalloys.com

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L.C.M.A. S.A.

L.C.M.A is a manufacturer, processor and distributor of semi-finished products in C.P. titanium and Ti6Al4V titanium alloy for aeronautical, medical, industrial, petrochemical, and other applications.

Having its premises in Luxembourg, the company has been present in the market for more than 2 decades. Quality, Experience, Flexibility, Short lead time and Competitive Prices are the core values of L.C.M.A. S.A. and those values have been steadily transferred to our business partners.

With the titanium market growing dynamically worldwide, L.C.M.A. S.A. became a reliable producer in the centre of Europe and is a part of a vertically integrated international group of companies covering the entire supply chain, from titanium mining through to production of various titanium semi-finished products.

Products and capabilities

The product portfolio of L.C.M.A. S.A. includes titanium bars, titanium ingots, titanium tubes, titanium sheets/plates, titanium blocks and titanium welding wire.

The company offers a wide range of value added services like Band Sawing,



CNC Turning services and Quality Controls to its customers.

The new production completes the portfolio of the company in Grades 1, 2, 3, 4, 5, 5 ELI in all possible diameters (Other grades are available on demand).

Certifications and Markets

The new production completes the portfolio of the company in Grades 1, 2, 3, 4, 5 (6Al4V), 5 ELI in all possible diameters (Other grades are available

in demand). LCMA is fully certified according to ISO 9001:2015 and EN9100:2018.

The main markets of LCMA are **Aerospace / Medical / Industry.**

What make us unique?

- Fully integrated production capabilities (*From Titanium sponge to semi-finished products*)
- Production 100% in Europe
- Fast Service / Reactivity / Expertise
- Customer orientated



LCMA

Company details:

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Email: **Otis Claeys, CEO:** Claeys@lcma.lu
Thomas Mitidieri, Technical Manager: Thomas@lcma.lu
Website: <http://www.lcma.lu>

LOVERE BILBAO I

Lovere was founded in 1992, with the aim of distributing special steel for the power production market. Lovere is a company with wide experience in the field of Stainless Steel, Special Steels, alloys and so on. Our range of product is focus on OEM'S (Original Equipment Manufacturer) of valves, pumps, pressure equipment.

In 2006 it moved to its current location, where it has a 2600m² warehouse available for massive storage, and 300m² for offices. Due to market needs and with the aim of giving first class service to our customers, we have enlarge our warehousing capacity with an additional 1000m² under roof, in a new location in Etxebarri (Bizkaia).

Rolled and forged materials are available under European and American standards.

We hold ISO 9001:2008 certification.

We have available in stock materials A 105N, A 350LF2, A182F11cl.2, A182F22cl.3, A 276 T410, A182F6acl.2, A 416, A 420, A182F91, A182F347, A 182 F316L, A 182 F304L, A 182 F304H, A 182 F321 and Special Stainless steels Duplex, Superduplex and Ferralium.

The range of sizes goes from diameters of 80 mm to 1200 mm and forged Blocks up to 25 tns weight. All our material is made in EEC.

Our Band saws capacities are:

MAXS 560HFA

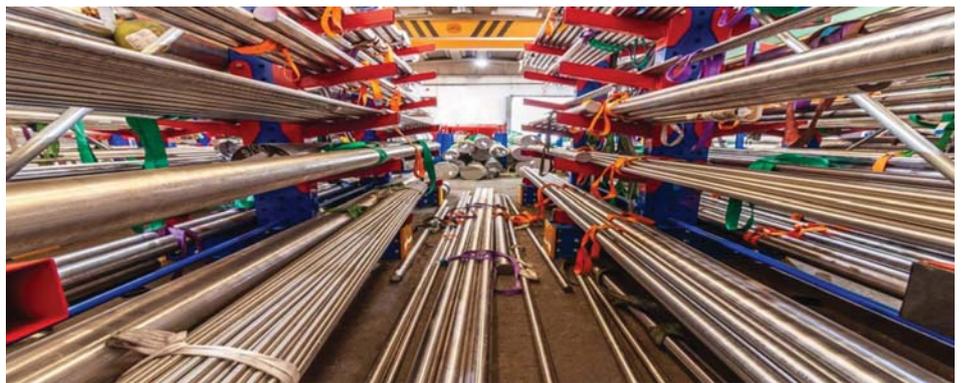
Up to Ø 570 mm and automatic cycles.

EVERISING H260 HB

Up to Ø 260 mm and automatic cycles.

DANOBAT CR260AF CN:

Up to Ø 270 mm and automatic cycles.



DANOBAT CP520AF CN:

Up to Ø 520 mm and automatic cycles

H-7065 EVERISING HANC:

Up to Ø 670 mm and automatic cycles.

DANOBAT CP800 ACN:

Up to Ø 800 mm and automatic cycles.

GANTRY 2MF FRIGGI 1500X2000X6000

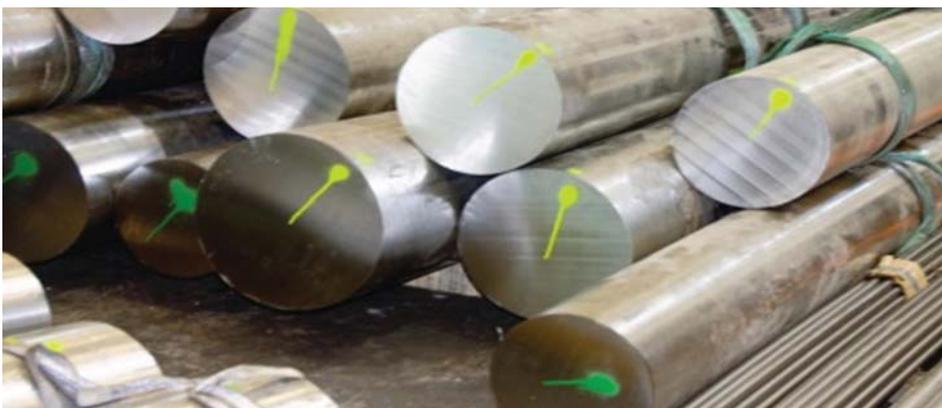
Up to Ø 1800 mm abd 1800x2200 mm

plate cutting angles 30", 45" and 60"

Automatic cycles.

THE MATCH 3 WATER JET

Is capable of cutting a wide variety of materials using a very automatic cycles. High-pressure jet of water (350 mm thickness capacity).



Company details:

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SPAIN
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48.450 ETXEBARRI (Bizkaia)
SPAIN
Phone: +34944545130
Email: lovere@loverbilbao.com
Website: www.loverbilbao.com

Mannesmann Stainless Tubes GmbH

MST Stands for pedigree and innovation.

Through its core commitment to quality and continuous process innovation MST's production technologies lead the industry for efficiency and competitiveness.

Global Manufacturing – bringing together our integrated facilities in Germany, France, Italy and USA whilst embracing our developing relationship in India.

Service – ensuring our Customers have the reassurance of personal account management- taking into account our capabilities across all our facilities to demonstrate the best range of solutions – from lead time, quantity, specification to cost competitiveness.

Understanding the need for supporting demands from cut pieces/components to straight lengths up to 43 m (140ft) long (depending on specification) and quantities from 1ft upwards. Quality management is at the foundation of our business – from the raw material to final testing we use our own, state of the art laboratories to evaluate, test and fully validate our products to the Customer requirements. Giving our Customers complete peace-of- mind over originality and compliance.

Flexibility – we understand the demands and needs of today's Customers- for innovation, cost competitiveness and



flexibility. Our integrated production facilities are complemented by the flexibility of our specialised tube production units.

Our **Product** range produces tubes and pipes from 0.2mm OD (0,008") to 273mm (10"NB) with wall thicknesses from microns up to 50mm (2").

Materials from standard austenitic through super austenitic, duplex, super duplex, martensitics to highly sophisticated Nickel based alloys. Using melt technologies from AOD to Vacuum remelt- VAR, ESR, VIM, VAR.

SOTEP in 2018 MST welcomed the addition of SOTEP, France to its portfolio, bringing an extra dimension to its offering both in terms of expertise in manufacturing critical specification tube but also flexibility in terms of manufacturing small lot sizes from 1ft.

Markets served our diverse range of markets served includes:
Oil & Gas
OCCGT



Umbilicals
Subsea
Power: Nuclear, Solar, Fossil
Aerospace & Defence
Petrochemical
Chemicals
Fertilizer
Environmental technologies

Products

Tube:
Instrumentation
Heat Exchangers
Process control & measurement
Furnace
Boiler
Mechanical
Hollow Bar

Whilst the team at MST is excited about supporting the innovation of tomorrow's technologies we are also proud to have been the original inventor of the seamless stainless tube making process and over 130 years of history and experience.

FOR FURTHER INFORMATION:
www.mannesmann-stainless-tubes.com



MANNESMANN
STAINLESS TUBES

A Member of the Salzgitter Group

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Website: www.mannesmann-stainless-tubes.com

Marcegaglia Specialties

Marcegaglia Specialties is the company owned by Marcegaglia group which manufactures stainless steel for the production of tubes, flat products and flat bars, processing over 700,000 tons of steel per year (including stainless steel products and cold-drawn bars), with a turnover of more than 1.35 million euros.

Over the years Marcegaglia Specialties has gained a leading position in the production of stainless steel welded tubes.

The manufacturing process is carried out within six manufacturing plants worldwide, in Italy, Russia, Turkey and Brazil, guaranteeing a consistent level of quality for its products and services.

In Italy Marcegaglia Forlì, the world's largest stainless steel tube manufacturing unit, hosts 33 tube mills and operates according to certifications including ISO 9001, ISO/TS 16949 (automotive sector) and ISO 3834-2 (special for welding process) for quality systems, ISO 14001 for environmental, and ISO 18001 for safety. It also has product marks such as DVGW for water and gas pipes in the energy sector, TÜVPED and TÜV AD2000 W2/W10 for pressure equipment, compliance with EC 1935/2004 by TIFQ and EHEDG certified for food and chemical industry.

The company has implemented the production of ferritic and duplex tubes,

extending its range of application sectors: automotive, chemical/ petrochemicals, heat exchangers, construction and carpentry.

Marcegaglia Specialties is also an important player in the production of stainless steel flat products: austenitic and ferritic coils, strips and sheets, with excellent quality levels for both surface appearance and mechanical characteristics. This has led to approvals in important sectors such as automotive and chemical/petrochemicals.

Stainless steel flat products are processed at the Gazoldo degli Ippoliti (Mantua) production plant - where Marcegaglia's headquarters is based - processing 2D/2B cold rolled coil and strip with 0.8mm to 5.0mm thickness, 1D hot rolled coil and strip with 2.0mm to 6.0mm thickness, 1D hot rolled and 2D/2B cold rolled sheet 1,000/1,250/1,500mm wide.

The fabrication process is carried out according to two main manufacturing standards: EN 10088-4 for structural, building and construction applications with CE marking and EN 10028-7 for all pressure purpose applications, certified TÜV AD 2000-W2-W10 for pressure equipment.

In order to be always close to the market needs, Marcegaglia Specialties has recently launched **EuMarc®** stainless steel bright bars, a product that meets the market needs, characterised by consistent mechanics and chemistry, made of **100% European stainless steel**.



NEW EuMarc® Marcegaglia

Manufacturing standard Non-destructive testing according to EN 10088-3 (Class3).

Grades 1.4305 (AISI 303), 1.4301 (AISI 304), 1.4307 (AISI 304L), 1.4404 (AISI 316L).

Optional processing Grinding, polishing (grit 320), chamfering.

Testing Rotating sensor eddy current test, magneto-inductive test.



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Email: info.specialties@marcegaglia.com
Website: www.marcegaglia.com

MARPHIL International

MARPHIL International was established in 1984 with a clear strategy to offer some specific non-ferrous metals into Western Europe.

In order to guarantee a premium quality, we set up partnerships with a few producers of excellence out of the USA.

We are specialized in six non-ferrous metals:

- ZIRCONIUM
- TITANIUM
- TANTALUM
- HAFNIUM
- NICKEL ALLOYS
- NIOBIUM

We have organized ourselves in such a manner that we can propose these high tech metals in just about any presentation, including:

- Plates, sheets, foils
- Welded tubes, seamless tubes, pipes, fittings
- Billets, bars, wires
- Forgings, castings, flanges
- Fasteners and welding products
- We can quote for small quantities and fast deliveries.
- We can quote for big quantities for large projects.
- Our materials are certified acc ASTM / ASME, or AMS, or AWS. We can supply according to NACE specification also.

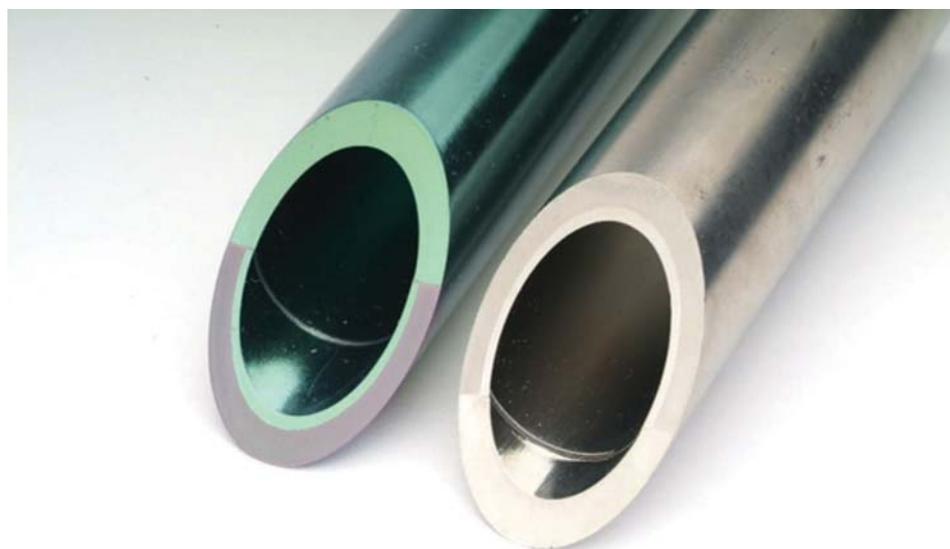
Some years ago we decided also to work on a few ferrous materials, actually some very specific stainless steels. We have developed our presence in that new field of activity with the following grades:

- 310S, 317, 347, 904L, 254 SMO
- Duplex and superduplex such as UNS 31803 / 32205, 32550, 32750, 32760 as well as Nitronic 50 and Nitronic 60, Waspalloy, Maraging and Invar/Kovar.

We are quite strong in stainless / nickel alloy tubes with very fast production and delivery time. We can draw your specific dimensions from small diameter like OD 3mm up to OD 38.10mm and deliver in 4 weeks. Our minimum quantity is only 6 metres! But we can also re-draw several hundreds of tubes and still deliver in 4 weeks, or less!

We also now quote and supply products in tungsten and molybdenum

Our team will be delighted to receive your inquiries and to be in contact with you.



ATI OmegaBond® Tubing. Titanium outside, Zirconium inside for best results in urea-strippers. (Photo courtesy of ATI)



Company details:

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Fax: +33 1 42 96 27 18
Email: Marphil.int@wanadoo.fr

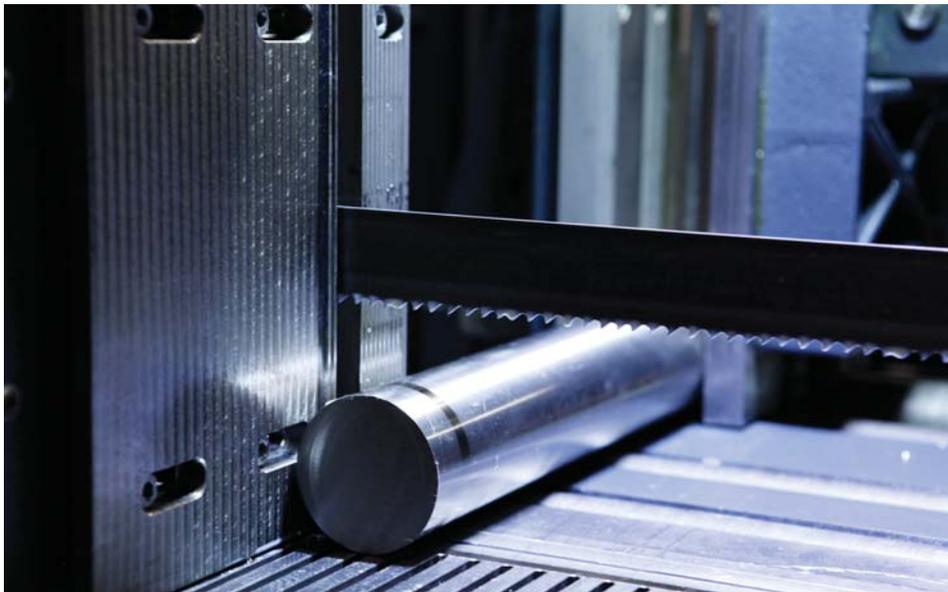
MCB Specials

Your one-stop-shop for titanium, nickel alloys, non-ferrous metals, plastics and standard metals.

MCB Specials has shown their craftsmanship and detailed knowledge of titanium, nickel alloys, high performance stainless steel, brass, copper, bronze and plastics. Meanwhile, MCB Specials has grown into a one-stop-shop for special metals and standard products within the MCB Group which proves to be a unique combination.

MCB Specials is based in Almere, The Netherlands and has been part of the MCB International group since 1991. As a leading stock-holding wholesaler we have been an international supplier to the metal processing industry for more than 80 years.

Continuous specialization has enabled MCB Specials in recent years to achieve a strong position with an associated programme of materials and services for a number of specific industries such as machining, installation, semiconductor, medical, automotive, (petro)chemical and offshore industry. MCB Specials creates value by combining their expertise with customer needs.

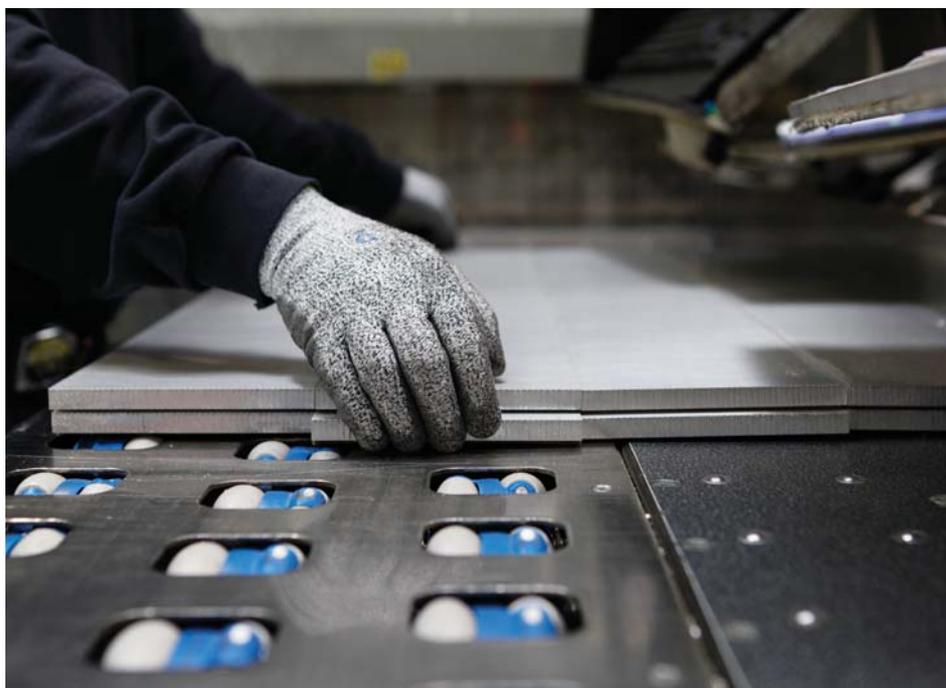


Through intensive collaboration with leading suppliers and manufacturers of high-quality metals, MCB Specials has 'virtual stocks' all over the world in addition to its own extensive inventory. The extensive product portfolio of MCB Specials can be supplied according to customer requirements. Metal processing as cutting to length and waterjet cutting according to the drawing is one of the many options. MCB Specials is ISO 9001 and ISO 14001 certified and can deliver according to any desired certification.



If you need any information about materials or applications please contact one of our product specialists.

MCB Specials – Expertise creates value.



MCB Specials

Expertise creates value

Company details:

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Email: info@mcbspecialchars.eu
Website: www.mcbspecialchars.eu

MRC Global Inc.

MRC Global: Trusted Stainless Steel Experts

"I've got people."

That was MRC Global outside sales representative, Tim Murray's response when his customer asked how he was able to get a 150-line quote for stainless and high alloy material submitted in less than 24 hours.

Tim's "people" are actually a team of stainless steel and high alloy experts dedicated to sourcing these notoriously difficult product categories. Backed by its highly respected quality assurance program, MRC Global is one of the market leaders for specialty materials. If you consider \$40 million in inventory, a proven quality assurance program that creates a robust Approved Supplier List (ASL) and a team of product experts dedicated entirely to sourcing stainless steel and high alloys with more than 150 years of experience, you can understand the company's market leading position and value to its customers.

The result is a compelling offering from a trusted distributor with a reputation for integrity and quality products.

"While many people know us as the general PVF distribution leader, they don't necessarily realize the vast amount of specialized expertise we



MRC Global stainless and high alloy inventory in La Porte, TX.

have on our team," Robert Stein, Senior VP- Business Development, said. "We have deliberately added stainless and high alloy experts to our ranks over the years because we are committed to supporting our customers in this segment. That is really what we are all about – serving our customers."

In order to do that effectively, an extensive inventory of stainless and high alloy products is key.

Currently, the company offers stainless steel and alloy valves from ¼" through 24" 600# in a wide variety of combinations. MRC Global also stocks instrumentation tubing, pipe, fittings and flanges from ¼" through 24" in varying alloys including 300 series (T304/L, T316/L, T317/L, T321/H, T347/H), nickel alloys (Alloy 20, C276, Alloy 400), duplex, super duplex, 6% moly, titanium and Chrome Moly (5, 9 and 11).

"Our customers have come to trust MRC Global with these high alloy and exotic products," John Bowhay, Senior VP – Supply Chain Management, Valve and Technical Product Sales, said. "Our team knows how to react quickly so our

customers get what they need. That isn't something that can be taught overnight, it is the result of decades of experience and long-standing relationships developed by working with these specialty mills and manufacturers on a consistent basis."

To learn more about MRC Global and learn how to put their expertise to work for you, visit www.mrcglobal.com.

Quality Sourcing Process Manufacturer Approval

- 60-80 on-site audits per year to qualify potential suppliers, led by trained ISO auditors
- Assessments include facilities, processes, operations, product inspection, testing and commercial evaluation
- Extensive database houses data on all audited manufacturers (assessments, testing, NCPs, etc.)
- NORSOK M650 qualification for offshore applications

The MRC Global Approved Manufacturer List (AML)

- Approved
- Preferred
- Registered

MRC Global

Company details:

Name: MRC Global Inc.
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Email: info@mrcglobal.com
Website: www.mrcglobal.com

Neta Steel B.V.

NETA STEEL B.V. started its activity in order to provide alternative competitive sourcing from mills and service centers located in Europe and Turkey. The goal of Neta is to supply reliable quality of material at the best market conditions satisfying customer's requirements.

Neta has a stainless steel market knowledge and experience of more than 25 years. During all this time we developed reliable sourcing partners capable of supplying different types of materials and services.

We are focusing on serving customers looking for competitive sourcing and building a long lasting relationship built on mutual trust.

PRODUCTS

NETA STEEL B.V. is capable of offering the following types of materials:

- **FIRST CHOICE** Stainless Steel
These products are supplied from main European mills or rerolling mills located in Turkey.
- **OVERROLLING** and **SECOND CHOICE** Stainless Steel
These products are supplied from main European mills or rerolling mills located in Turkey.

The second choice material sold can be supplied "as it is" or reprocessed in service centers. Second choice material can be cut into customers' required size allowing cost effectiveness and surface quality control.

We are living in an "INFORMATION AGE" thus the opportunities are obtained by knowledge. Please share with us your requirements and we will



be happy to find a competitive solution to your needs.

Commonly supplied qualities:

Austenitic grades: 301, 304, 321, 316
Ferritic grades: 409, 430, 430Ti, 439, 441
Surface: 2B, BA, SB (scotch bright), No4 (Grinded), Duplo (No4+SB)

Dimension range:

Thickness: 0,40 – 3,00 mm

Width: 10 – 1500 mm

Length: 400-4000

Material supplied in coils, strips, sheets and discs.

Disc supply range:

Thickness: 0,35 – 1,50 mm

Diameter: 100 – 600 mm



Neta Steel

Company details:

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Email: info@netasteel.com
Website: www.netasteel.com

NEW FINISHING Srl

NEW-Finishing Srl, under the brand name CML Finishing, over the past years has achieved a leading position on the market as a manufacturer of painting systems, providing tailor-made solutions to several important Italian and foreign producers operating in the field of Metal, Wood, Plastic and Glass.

Our team of highly qualified sales and technical staff is formed of people who have only ever worked in the field of surface treatment with an experience that goes from 15 to 30 years of work.

This means that our business is not just limited to pure 'sale' of machinery and equipment, but we are able to offer professional advice to guide potential customers in the direction of choosing the best system to meet their needs.

The range of products offered, very comprehensive, is one of the most complete in the global market:

- Washing machines
- Spraying Machines and CNC Spraying Robots
- UV, IR and Hot Air Drying tunnels
- Roller coaters
- Curtain coaters
- Automatic Feeding and Out feeding systems



Amongst the latest NEWS for the METAL industry is the treatment of Stainless Steel with **Anti-fingerprint (AFP)**

The innovative technology is based on a close collaboration between our technical people, our service center, SS customers and the paint manufacturers, in order to finalize a simple and cheap solution for applying a protective antifingerprint surface on SS.

As a final result, over seven (7) complete lines have already become operational world-wide in the last three years, both for coil-to-coil and for sheet-to-sheet stainless steel.

The main purpose of the innovative technology is to provide the surface of stainless steel with the property of being



repellent to fingerprints, i.e. to allow an **easier cleaning** of the surface from fingerprints that are left during daily use. In practice, the treatment prevents dirt and grease particles from adhering to the surface, thus allowing them to be removed without too much effort.

The fields of application are extremely varied and range from home appliances to elevators, to the automotive sector, interior architecture, etc.



Company details:

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Email: info@cmlfinishing.it
Website: www.cmlfinishing.it

Nichelcrom Acciai Inox S.p.A.

Nichelcrom has been the leading company on the stainless steel international market for more than 50 years.

Since the beginning we have had the desire to satisfy our customers' requirements and now we offer, in an area of approx 50.000 covered sqm in two owned plants, more than 55.000 tons in different types and sizes. Our website can provide all information about our cutting and slitting lines, such as our surface finitures.

Just a focus on our last efforts: our decoiling line up to 16mm (2000mm width and 20.000mm length) and our brandnew grinding/brushing machine for coils 5x2000mm.

Our thirst for new challenges has brought us to explore a new dimension for us: the interior design.

Stainless steel is stronger and more resistant, easy-cleaning, antibacterial, fireproof and 100% recyclable.

We will present supermirror coloured,



with the same visual effects of mirrors but unbreakable, anti-slippery floor plates, elettro and nanoceramic coloured material (with anti-fingers and waterproof features).

We are Nichelcrom, we believe in innovation.



NICHELROM

Stainless Steel

Company details:

Name: Nichelcrom Acciai Inox S.p.A.
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Website: www.nichelcrom.com

NIPPON STEEL Stainless Steel Corporation

NIPPON STEEL Stainless Steel Corporation started as a new company on April 1, 2019 following integration of part of the steel sheet business contained within the special stainless steel business of the former Nippon Steel & Sumitomo Metal Corporation, the steel sheet business of the stainless steel business at the former Nisshin Steel Co., Ltd., and the former Nippon Steel & Sumikin Stainless Steel Corporation.

NIPPON STEEL Stainless Steel Corporation is determined to be a global contributor through its advanced technologies, knowledge and experiences as the largest stainless steel mill in Japan.

Our Goal

In 2010, we launched the “NSSC®FW Series,” a resource-saving, high performance stainless steel, by developing the world’s first Sn-added technology. Through this innovation, we have successfully reduced the content of rare metals by up to 35% in comparison with standard stainless steel (SUS304). In 2012, we also created “NSSC®2120” a type of duplex stainless steel developed as an alternative to generic stainless steel (SUS304). The benefit of this duplex steel is that it consumes fewer rare metals. Moreover, by taking advantage of duplex steel’s higher strength we have made our steel thinner and lighter, resulting in lower production costs for our customers. Through continuous improvement of production technology, we can now offer a variety of “NSSC®2120” from plate, sheet to wire rod. The demand for “NSSC®FW Series” and “NSSC®2120” both of which were developed through our advanced technology, continues to increase on a worldwide basis. Through our technology as well as our passion for stainless steel, we will combine our strengths to provide excellent solutions for our customers. We will continue to make our best endeavor to satisfy our customers.



Comprehensive capabilities as a leading manufacturer

With our annual production capabilities of 1.8 million tons, we account for approximately two-third of the home market. As an integrated manufacturer of stainless steel, we offer an extensive product line-up to meet the needs of our customers.

Pursuit of efficient production system

In order to maximize the strength and characteristics of each product line (Kashima, Kinuura, Hikari, Shunan and Yawata), we have created the requisite production systems such as adequate and efficient production based on the types of stainless steel.

Solutions to meet customer needs

We supply products of outstanding quality. Our manufacturing, R&D and sales departments work closely

together in product development and technical support so that our customers’ needs can be served best.



NIPPON STEEL Stainless Steel Corporation

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Email:
Website: <https://stainless.nipponsteel.com/en/>

Nippon Yakin Kogyo Co., Ltd.

Nippon Yakin Kogyo was established in 1925. Since the commercialization of type 304 stainless steel in 1935, the company has continued to research ways of manufacturing high-grade stainless steels and super alloys from nickel ore. Over the years, the company has systematically developed outstanding technologies and sophisticated production facilities under a comprehensive quality assurance system. Moreover, the company's products have earned a high reputation among customers.

Nippon Yakin Kogyo is now expanding confidently its business field to manufacture high-performance alloys for new applications together with conventional stainless steel aiming at a "new specialty stainless steel manufacturer".

Products

Coils, sheets and plates

Materials

Standard austenitic stainless steels (type304, type316L, etc.)

Super austenitic stainless steels (S31254, S32053, N08367, N08354, etc.)

Duplex stainless steels (S31803, S32205, S32506)



Super duplex stainless steels (S32750, S32760)

High strength stainless steels (S17400, S17700, S20910, etc.)

Ni alloys (N02201, N04400, N06600, N06601, N08810, N06625, N08825, N06022, N10276, Fe-36Ni alloy, etc.)



Company details:

Name: Nippon Yakin Kogyo Co., Ltd.

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Japan

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Email: inquiry@nyk.jp

Website: www.nyk.co.jp/en/

Nordic Flanges AB

Nordic Flanges AB – Manufacturer & Stockholder

Nordic Flanges AB is a Swedish manufacturer of forged flanges and special products in stainless steel and special alloys. All our products are manufactured with base material of EU origin.

We also stockhold and distribute a wide range of flanges in stainless steel, carbon steel and aluminum to customers worldwide.

Our production is located in Sweden and we have an extensive stock of finished products, semi-finished forgings and raw materials. This enables us to offer short turn around and quick delivery times. We provide both small- and large series and support customers with both stock refill, projects, MRO orders and urgencies.

Dimensions

Our own forging range is DN 10 – 400 and we stock hold dimensions from DN 10 up to 1200

Material

We work in Stainless steel, Duplex, Super Duplex, Super Austenitic, Titanium and Carbon steel.

Product Standards

Nordic Flanges product range consists of a wide range of standard and special products according to international and national standards as EN, ISO, DIN, ANSI, BS, JIS, GOST, UNI, NS, VSM, SS and SFS.



Quality Certificates

Nordic Flanges is certified according to NORSOK M650 for forged flanges in stainless steel, duplex titanium and SMO. TÜV, GL, DNV, GOST, AD-Merkblatt, W0/TRD100, MSA R-1709, Lloyds Register of Shipping, PED 97/23/EC, ISO 9001:2007 and the Swedish Nuclear Industry.

Services

We have a unique acquired competence and experience within production, stockholding and logistics which provide our customers optimal solutions. We provide heat treatment and laboratory services, material control with PMI secure order processing with handheld computers. Our service concept also includes

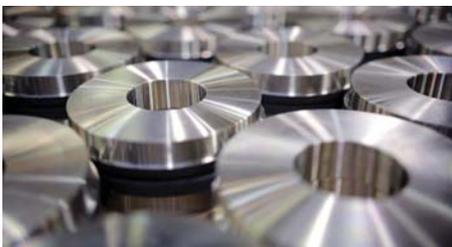
R&D, Product development, Training and Technical consultancy for our customers.

Location

Örnsköldsvik/Själövad – Head office and productions site

Applications

Our products are used in Oil and Gas, Nuclear, Pulp and Paper and other industrial applications all around the world. Our goal is to maximize our customers profit by offering cost efficient solutions to all flange needs. Regardless if you need standard parts, special products or customer specified products we are your perfect partner. Contact us for more information!



nordic 
flanges

Company details:

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Website: www.nordicflanges.com

Officine ORSI S.p.A.

Officine ORSI has been working in the stainless steels field since 1954. The great experience achieved during these years, has allowed them to extend the range of materials to all Nickel alloys, Titanium, Zirconium, Duplex, Superduplex and Superaustenitic stainless steels.

Production

Officine ORSI can produce a complete range of standard or made-to-measure products for all applications whenever resistance to high corrosion and high temperatures is required.

The production range consists of:

- **PIPES** - made from plates - dia. 1" ÷ 100", w.t. 2 ÷ 60 mm, length up to 12 m.
- **FITTINGS** - seamless dia. ½" ÷ 8", welded dia. ½" ÷ 40", w.t. 2 ÷ 50 mm.
- **PRESSURE VESSELS** - reactors, columns, flare tips.
- **PIPE SPOOLS** - prefabricated according to customer's drawings.
- **SPECIAL PRODUCTS** - according to customer's specifications.

Stock

In order to guarantee an efficient and quick service, Officine ORSI can supply an ever increasing range of products directly from their stock:

- PIPES and FITTINGS seamless and welded, from 1/2" to 8", Sch.10s and 40s
- TITANIUM Gr.2, ALLOY C276, C22, 625, 825, DUPLEX, SUPERDUPLEX, 904L, 254 SMO.

Full package supply

Welded and smls pipes, welded and smls b.w.fittings, forged fittings, flanges, gaskets, bolts, nuts, made to measure products.

Quality

The main goal for Officine ORSI is to achieve customer satisfaction and to do so, they aim to continuously improve the quality of their products and processes.



For this purpose they have implemented a management system certified by LLOYD'S REGISTER for quality assurance, safety at work and environmental protection in accordance with **ISO 9001, ISO 14001 and OHSAS 18001**.

They are qualified by TÜV for the supply of products complying with Directive **PED 97/23/EC, AD2000 MERKBLATT W0 - HPO** and also for products used in the Nuclear field.

The company is also qualified for the production according to **NORSOK M-650** requirements and has obtained the qualification "**ASME U-stamp**" as producer of parts and components/pressure vessels.

The whole range of products is manufactured in accordance with the most common standards (**ASTM, ASME, EN/ISO, DIN**) and it can be supplied inspected by third official bodies (certificate EN 10204/3.2).

ORSI has implemented a quality system in accordance with **UNI EN ISO 3834-2**

and certified by TÜV, for all welding processes.

Welding is carried out by qualified staff, under the supervision of their welding technologist (**I.W.T.**) I.I.S. qualified (Italian Institute of Welding).

The welding procedures used at ORSI are qualified according to the most known international standards (**ASME IX and EN**) and attested by TÜV, LLRR, Bureau Veritas etc.

Officine ORSI has its own testing and inspection department with qualified staff according to **SNT-TC1 A** and **UNI EN 473** for the non destructive tests.



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Website: www.officineorsi.com



**WHY NOT PROFILE YOUR COMPANY IN
THE STAINLESS STEEL WORLD
ANNUAL PROCUREMENT REPORT 2020?**

Benefit from...

- ▶ Worldwide distribution to targeted audience
- ▶ Readership includes materials specialists, procurement managers and managing directors of the process & supply industry
- ▶ Your company profile will be published on the Stainless Steel World website for 12 months
- ▶ Bonus distribution at The Stainless Steel World Americas Conference & Expo (Autumn 2020) and at various other major Stainless Steel Industry events around the globe

Yes, please send me more information about how to place my company profile in the **Stainless Steel World Annual Procurement Report 2020**

Name: _____
Company: _____
Address: _____
PO Box: _____
Country: _____
Tel: _____ Fax: _____
Email: _____

Return the completed form by email: Mrs Elisa Hannan e.hannan@kci-world.com or post it to:
Stainless Steel World APR 2020, Jacob Damsingel 17, 7201 AN Zutphen, The Netherlands

www.stainless-steel-world.net

P.A. Inc.

Leading the way with solutions to specialty alloy piping requirements

P.A. Inc. is a piping material distributor which can provide your company with the most efficient and effective process for procuring the highest quality nickel, high nickel alloy and specialty stainless steel piping products in our industry.

We maintain the most extensive and comprehensive stock of **Nickel 200, Alloy 400, Alloy 600, Alloy 601, Alloy 625, Alloy 800H/HT, Alloy 825, Alloy 020 and Alloy C-276** piping materials in North America. Additionally we maintain an inventory of the complementary butt weld fittings, (including 180 return bends) flanges, forged fittings and fractional tubing in the aforementioned alloy grades. We also maintain a **full line inventory** of specialty stainless steel piping material in grades **304H and 2205**.

In conjunction to the products we inventory, we have the capability to **provide custom fabricated components** made from nickel, high nickel alloy and specialty stainless steel to your exacting specifications.

P.A. Inc. is committed to working with our customers in developing the straightest and strongest supply chain which will produce the most value-added results. We continually look for ways to eliminate any unnecessary links (duplicate, non-essential costs) in the supply chain between the manufacturer and the end user. All products we distribute are acquired factory new from the most reputable manufacturers in the world. We do not "broker" material nor do we advocate the utilization of surplus goods. All our efforts are supported each and every day through a qualitative specification assurance process which is second to none and certified to **ISO 9001 - 2015 through Platinum Registration, Inc. which is ANAB accredited**. We recently passed our 3 year follow up audit in flying colors. We maintain complete material traceability not only to the manufacturer, but to the origin of the raw material as well. Products provided by **P.A. Inc.** are supported by a complete set of original Mill Test Reports with shipment and can be provided with the billing notice if so required. All material composition and property data is retained in our in-house data storage and retrieval system. Our **qualitative specification assurance process** includes in-house positive material identification (PMI)



capabilities that include alloy verification utilizing a nuclear analyzer and chemical content verification utilizing an optical emission spectrometer. Additional specification assurances include liquid dye penetrate testing, ultrasonic wall thickness testing, ferrite content confirmation and scope examination of internal walls for abnormalities. All our customer service representatives have direct customer communication capabilities via phone, fax, scanner, email, text, or internet. We are continually upgrading our data environment capabilities as changes in technology become available. This will allow us to continue to **meet or exceed our customer requirements in the always changing market**.

Today's business climate is considerably different than in years past. We realize that to maintain market share and outperform our competition, P.A. Inc. must be a company "set apart" from all others in our industry. In order for this to be realized, we must always be the most efficient in all facets of our business. All phases of our business must be continually scrutinized for improvements, which will result in meaningful, effective productivity gains.

We at P.A. Inc. firmly believe if we provide the best service, offer quality products at fair competitive prices, build strong relationships with our business partners, and strive for continuous improvement not only in our organization, but within our industry, we will maintain a strong competitive edge in our industry.

We know if given the opportunity, P.A. Inc. can provide you with the **most value added supply chain for nickel, high nickel alloy and specialty stainless steel piping products**.



For additional information regarding our company, our capabilities and the latest news concerning nickel, please visit our website at www.PAInc.com

COMPLIANCE STATEMENT: *All products sold by P.A. Inc. are subject to United States Export Controls and any export must be in compliance with United States law*****

Inventoried Grades of Material

High Nickel Alloys

Nickel 200, 400, 600, 601, 625, 690
Alloy 800H/HT, 825, C-276, Alloy 020

Specialty Stainless Steel

2205, 304H

Titanium

Grade 2, Grade 7

Pipe

Type: Seamless and Welded
Size Range: ½" thru 12"
Schedule: 10S, 40S, 80S, 160, XXH

Flanges

Type: Weldneck, Slip-on, Blind, SW, Orifice, Lapjoint
Size Range: ½" thru 12"
Pressures: 150#, 300#, 900#

Buttweld Fittings

Type: Seamless and Welded
Size Range: ½" thru 12"
Schedule: 10S, 40S, 80S, 160, XXH

Pressure Fittings

Type: Screwed & SW
Size Range: ½" thru 4"
Pressures: 150#, 3000#, 6000#, 9000#



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Website: www.painc.com

PANTECH STAINLESS & ALLOY INDUSTRIES SDN BHD and NAUTIC STEELS LIMITED

Pantech Stainless & Alloy Industries Sdn Bhd (PSA)

PSA is a Manufacturer of Stainless Steel Welded Pipes and Butt-Weld Fittings located in Pasir Gudang, Johor, Malaysia. PSA is one of the subsidiary company of Pantech Group Holdings Berhad, a listed company on the Main Market of Bursa Malaysia.

With the State-of-the-Art technology, PSA manufacture and stock stainless steel welded pipes in accordance to ASTM/ASME A/SA 312, ASTM A778, from size ½" to 16" Sch10s & Sch40s in grades TP304/304L & TP316/316L and stainless steel butt-weld fittings from ½" to 16" in grades WP304/304L & WP316/316L for Sch10s, Sch40s & Sch80s in accordance to ASTM/ASME A/SA403.

Currently, PSA has exported to over 25 countries in North America, South America, Europe, Asia, and other countries. In addition, PSA has been awarded numerous prestigious international certifications including ISO 9001: 2015, PED 2014/68/EU and Canadian Registration Number (CRN).

Pantech Stainless & Alloy is committed to meet our customers' requirements and expectations on product quality through the continual improvement of our processes, staff development, setting and reviewing objectives. Customers' satisfaction is the goal of our quality system.

Nautic Steels Limited

Another subsidiary company under Pantech Group located in Tamworth,



Staffordshire, the industrial heart of the United Kingdom. Nautic is one of the world's leading manufacturers of material grades **Nickel Alloys, Austenitic Stainless Steels, 6Mo, and Copper Nickel 90/10 and 70/30**, with more than 35 years' experience. We manufacture and stock a product range from ½" to 36" with thickness 2mm to 19mm (pipes and tubes) and from 5s to XXS (fittings and flanges).

Our products are well accepted in the major Oil and Gas, Marine & Shipyard Companies such as Adma, Qatar Petroleum, Zadco and more. We are **Aramco** approved for **Austenitic Stainless Steel** and **Nickel Alloys** for **Butt Welded Fittings** among other approvals. In order to achieve a high quality of products, our products are certified to ISO 9001:2015 quality management in accordance with national & international standards & specification by state-of-art technology and equipment.

Nautic Steels is fully committed to producing high-quality products, prompt delivery, and continuous improvement to fulfil our customers' requirement.



Besides our excellent manufacturing capability, extensive knowledge and experience, we are also constantly improving and expanding our product by investing in the research and development for the industry's demand.

We are committed to being an international leader in the provision of total solutions for fluid transmission system and a Reliable and Quality Partner to our Customers and Business Partners.



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 Email: info@pantechssalloy.com
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 Email: sales@nautic.co.uk
 Website: https://www.nautic.co.uk/



Paul Meijering Stainless Steel

Why working together with Paul Meijering?

Since 1989, Paul Meijering Stainless Steel has been supplying pipes, flanges, sheets and fittings in stainless steel and special alloys from Zaltbommel, the Netherlands.

Thanks to a wide and high-quality range, large stock, special processing and short delivery times, we have become a quality market leader.

Every day, we export worldwide to customers in the equipment manufacturing industry, offshore industry and energy and food industries.

Our wide and high-quality range consists of more than 11,000 pipes, sheets and components in eight different grades. Our stock is constantly maintained. This allows us to deliver immediately. Coupled with the short lines in our organisation, we can serve our business partners quickly and efficiently.



Material certificates are even sent by email prior to delivery.

Listening carefully to our customers allows us to work with them during the entire process: from the procurement of materials up to and including their application.

International experience

We export pipes and components to more than 55 countries on a daily basis.

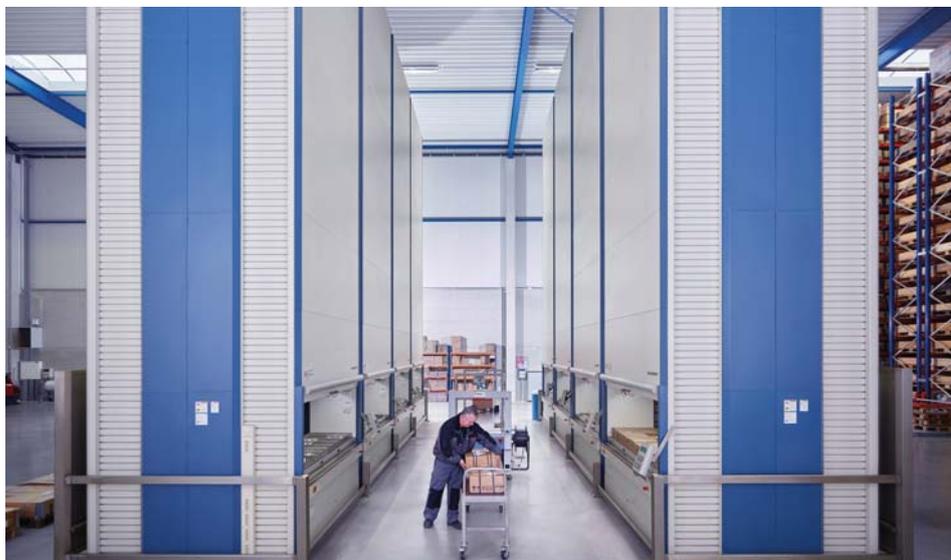
Speed and safety

95% of all orders leave our premises the same day. Carefully packaged, labelled and shipped by carriers that stand for quality.

Customisation

In addition to holding a standard inventory, we are equipped for customisation (laser cutting of pipes/sheets), special alloys and various grades and sizes.

'Your problem is our challenge. Our team will be happy to work with you to find a suitable solution.'



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PRODUCTOS TUBULARES S.A.U

Productos Tubulares S.A.U is an integral Manufacturer of Hot finished Seamless Steel Pipes for all kind of Stainless, Alloy and Carbon Steel grades in a size range covering from 190 mm up to 660 mm (7 1/2" – 26") outside diameter, and walls up to 125 mm (5") depending on the required O.D.

We are focused on quality, best service and the more added value products.

Our Stainless Steel Pipes are well recognized worldwide as simply the best quality existing in the market for our size range.

Productos Tubulares S.A.U, a subsidiary of the **Tubos Reunidos Group**, has its strength in the great **Flexibility** manufacturing any size within our size range including the non-standard ones, even for small quantities and always meeting the delivery time required by our customers.

Reliability is therefore another keyword that well defines our image in the market.

In order to fully serve this specialty market, Productos Tubulares has invested considerably and now has very modern and efficient facilities which are second to none.

All our employees are thoroughly trained to recognize the need for quality at all times and also to appreciate and provide the service that customers expect.

Our long-term group strategy consists of:

- **Worldwide global positioning**, supplying the leading and emerging tubing consumer markets through our extensive sales network consisting of more than 100 sales offices and representative agents in the world.
- **Constant innovation and development**, in response to the increasingly specialized needs of our customers.
- **Customer service** in terms of delivery times, logistics and specific products requirements.
- **Competitiveness and operational efficiency**: production units with pioneer technology and a highly qualified and committed workforce are the foundations of our organization.



We are currently marketing new grades as the **incolloys N08825 / N08800**, between others, always under the most demanding quality criteria that is proved by even the **ASME NCA 3800** certification for Nuclear Applications (Certificate Nr QSC-613).



Company details:

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Email: comercial.tubos@
productostubulares.com
Website: www.productostubulares.com

Proform

Proform – And Exactingness Created Form

Our Identity: Passion

Created in the middle of the 1960's with the passion of a handful of people, who expanded the company on the back of hard work and a professional attitude, Proform is driven by its determination to set itself ever-higher standards. It achieves its aims while taking into account the social, environmental and economic issues linked to sustainable development.

Our Expertise: Forming

A European leader in the field of tube bending and cold forming, Proform develops and integrates perfectly controlled technologies that give it complete autonomy at every stage of the production process and enable it to offer both standard and tailor-made products, from a single piece to large-scale production runs.



Our Commitment: Quality

From the receipt of raw materials to shipment of finished products, the numerous checks and controls performed ensure the traceability and high quality of our production.

Our Assets: People

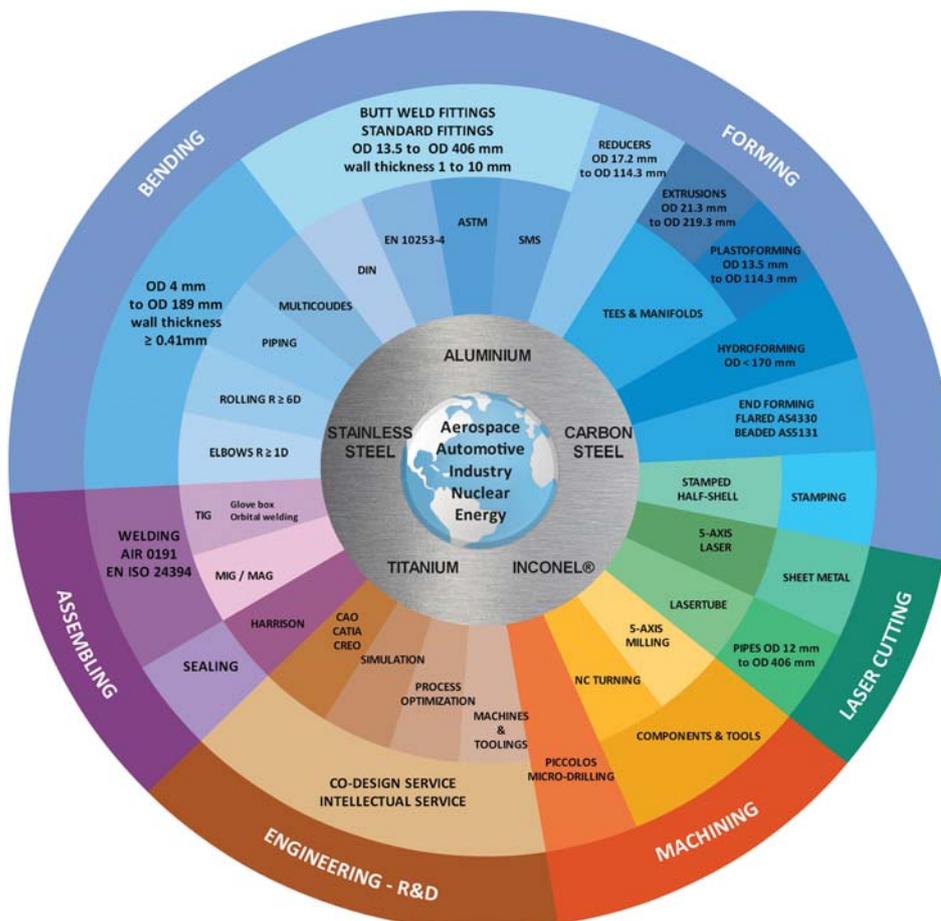
A strong corporate culture based on shared values, the loyalty of

employees, built on a relationship of trust and a feeling of belonging to the company, passion in day-to-day work, world-renowned expertise, and your satisfaction at the heart of our HR management policy.

Our Role: Service

Proform is attentive to its clients' needs, which is why nearly 6000 product items are stocked at its dedicated and fully IT-integrated logistics centre. Proform supplies a constantly expanding range of stainless steel fittings produced with the most stringent quality requirements and the shortest lead times.

Know-How & Means



PROFORM
Groupe GP SA

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Fax: +33 472 67 13 19
Email: sales@proform.fr
Website: www.proform.fr

Raccortubi Group

Raccortubi Group manufactures, stocks and supplies piping materials destined for **critical applications** such as chemical and petrochemical plants, power plants, shipyards, fertilizer plants and offshore platforms.

As a manufacturer, thanks to the extensive expertise of the two integrated plants Tecninox and Petrol Raccord, Raccortubi can offer a complete range of **butt weld fittings from ½" to 56"**, almost without any wall thickness limitations.

As a stockholder, it provides pipes, tubes, fittings and flanges in **austenitic stainless steel, duplex, super duplex, 6mo, nickel alloys, and titanium** from stocks in **Italy, Brazil, Dubai, Singapore** and **Scotland**.

Synergy

What makes Raccortubi Group stand out is its efficient **combination of stockholding and manufacturing activities**, which offers customers added value:

- **integrated production** of butt weld fittings up to 56"
- more than **6,000 items** available from stock
- **extensive testing** carried out in-house and/or by ISO 17025 approved laboratories
- **global** distribution network
- **flexible solutions** for complex projects, complete packages & single items

Huge stock quantities of pipes are delivered both **to customers** as well as, on a just-in-time basis, **to the Group's internal production facilities as raw material**. This, together with the complete control over production, guarantees high quality, cost-effective, flexible solutions to short timescales.

Group mills

Adaptive planning and flexibility mean that any extraordinary order can be inserted into production on demand, whilst



simultaneously providing **consistent replenishment to Raccortubi stocks**.

Tecninox

- cold-formed butt weld fittings from ½" to 16"

Petrol Raccord

- hot-formed butt weld fittings up to 56"
- **special/customised products** to customers' drawings

Petrol Raccord regularly manufactures welded elbows in two halves, sch. 10s and above, from sheets and plates in stainless steel up to nickel alloys and titanium.

The extensive availability of raw material in sheets and plates in duplex, super duplex and 6mo up to 50mm, and in titanium up to 15mm, allows Petrol Raccord to fulfil **deliveries in 4-6 weeks thanks to a dedicated production line called Fast Track**.

Besides Oil & Gas industry, Petrol Raccord also supplies **carbon and alloy steel butt weld fittings for power plants (P5, P9, P11, P22, P91 and P92)**, together with holding ASME-III approval for **supplying Class 1 material destined for nuclear applications**.

Group stocks

Raccortubi S.p.A. (Italy)

Raccortubi do Brasil (São Paulo)

Raccortubi Middle East (Dubai)

Raccortubi Norsk (Aberdeen - Scotland)

Raccortubi Singapore (Singapore)

All Raccortubi subsidiaries are supported by the Group headquarters



and integrated production mills in Italy in the composition of package orders. With additional stock material and on-demand manufacturing at their disposal, they can ensure that requests are fulfilled quickly and cost-effectively.

Quality certifications

- **ISO 9001:2015, ISO 14001:2015, PED, ISO 45001:2018, CUTR EAC, NORSOK M650, AD 2000 Merkblatt WO, Din En ISO 3834-2, ASME III NCA-3800** for nuclear applications
- End-user approvals such as BP, EIL, PETROBRAS, SAUDI ARAMCO, TOTAL.

An online software allows that certificates of any ordered product can be readily available for customers who are in the conditions of reviewing them even before the materials are shipped.

Additional services

- colour coding, cutting, extra testing, special packaging & marking



Company details:

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Fax: 0039 02 90376337
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Website: www.raccortubigroup.com

Ratnamani Metals & Tubes Limited

Trusted name for Tubes & Pipes
Ratnamani Metals & Tubes Limited (RMTL) is one of India's largest manufacturers of Stainless Steel Seamless and Welded Tubes/Pipes, Titanium Welded Tubes, Nickel Alloy Seamless Tubes and Stainless Steel Pipes with external coating. As a group, RMTL is also into manufacturing of Carbon Steel ERW, L-SAW, H-SAW Pipes, 3 Layer PE/PP Coated pipes and Induction Pipe Bends / Spools.

Manufacturing Facilities:

RMTL has state of the art manufacturing facilities at Indrad (near Ahmedabad) and at Kutch in the state of Gujarat, India.

Seamless Tubes & Pipes:

Ratnamani Make Hot Extruded Mother Pipes are used as a source of raw material for manufacturing Nickel Alloy / Stainless Steel Seamless Tubes and Pipes. The Instrumentation Tubes are supplied in size 3 mm OD x 0.5 mm THK and above. The instrumentation tubes can be supplied in longer lengths up to 24 meters, depending upon the size. **The Certification of AS 9100D, NORSOK M-650, and DNV Shop Approval etc. enables Ratnamani to cater requirement of Aerospace, Oil & Gas and Ship building industries.** **Ratnamani is setting up a State of Art new manufacturing facility at Indrad having a HOT EXTRUSION PRESS for manufacturing Nickel Alloy, Stainless Steel, Hastelloy Seamless Pipes upto 10 NPS. The New Facility will also have High Speed Cold Pilger Mills, Draw Benches, Solution Annealing Furnace, NDT facilities to manufacture products of international standards. The New Facility will be operational before end of 2019.**

Welded Tubes & Pipes:

The Welded Heat Exchanger Tubes are manufactured using latest generation Tube Mills having ON-Line Annealing and Testing facilities. The Welded Pipes upto 12 NPS are manufactured on Tube Mill, whereas the pipe size in the range of 8 NPS to 48 NPS are manufactured with the use of Filler Wire in Single / Double Random Length, depending upon Customer's requirement. The Stainless Steel Pipes are also supplied with external coating as per project specification.

The manufacturing facilities at Indrad and Kutch are laid down to manufacture extra-long length Heat Exchanger tubes with a developed length of 40 meters.

Quality Assurance:

Ratnamani has in-house Inspection and Testing facilities such as Mechanical Testing, Chemical Analysis, Corrosion Testing, NDT Testing (Ultrasonic Testing, Eddy Current Testing, Air Under Water Testing, Hydro Testing, Dye Penetrant Testing, Real Time Radioscopy - for Welded Pipes etc.), and PMI Testing. The Quality Assurance Laboratories at Kutch and Indrad works are accredited to ISO 17025.

Quality Management System and Certification:

The Quality Management System is accredited to ISO 9001:2015. The manufacturing facilities are also having Certifications and Approvals such as ISO 14001:2015, OHSAS 18001:2007, AD 2000 Merkblatt W0, Pressure Equipment Directive (PED), ISO 3834, Well-known Tube / Pipe Maker by Indian Boiler Regulatory Authority etc.

Journey towards High End Applications:

Ratnamani has supplied Nickel Alloy Seamless Tubes to Indian and overseas Refinery projects in Grade UNS N06625, UNS N08825, and UNS N08800 using Ratnamani Make Hot Extruded Mother Pipes as a source of raw material. Ratnamani has supplied Nickel Alloy Seamless Tubes in Grade UNS N06601 for Indian Fertilizer project. Ratnamani is currently executing a job for supply of Stainless Steel Seamless Tubes in Grade UNS S31050 for Indian Fertilizer project.

Sectors served:

RMTL today is a preferred supplier of end Customers, EPC Contractors, Fabricators and Engineering Consultants. The products manufactured are being supplied to a wide spectrum of Customers as below:
Refineries and Petrochemicals, Chemicals and Fertilizers
Thermal, Nuclear and Solar Power plants, LNG
Pharmaceuticals
Desalination and Water Treatment



Atomic Energy
Defense
Aerospace
Paper and Pulp
Sugar, Dairy & Food Industries
Automobile Industries, CNG Ship building

Product Range:

RMTL manufactures a wide range of products as below:
Stainless Steel Welded & Seamless Heat Exchanger Tubes - ½" OD to 4" OD.
Stainless Steel Welded pipes - ¼ NPS to 48 NPS
Seamless pipes pipes - upto 2 NPS Stainless Steel Seamless Instrumentation Tubes - 3mm OD to 1" OD.
Titanium Welded Tubes - ½" OD to 1½" OD

RMTL also supplies products with closer dimensional tolerance, special chemistry upon request. Tubes and Pipes can be supplied as per ASTM, EN, JIS, GOST and Customer specific requirements.

The RMTL Family:

RMTL has a dedicated team of more than 2100 employees spread across multiple locations. The experienced and qualified technical personnel across the organization are driven with a common culture of trust & care. For further information, please contact us.



Company details:

Name: Ratnamani Metals & Tubes Limited
Address: 17, Rajmugat Society
Naranpura Cross Roads
Ahmedabad 380013
Gujarat, India
Phone: +91-79-27415501
Fax: +91-79-2748099
Email: info@ratnamani.com
Website: http://www.ratnamani.com

REMI EDELSTAHL TUBULARS LIMITED

Manufacturer of STAINLESS STEEL SEAMLESS AND WELDED PIPES, TUBES, "U" TUBES, INSTRUMENTATION TUBES, HEAT EXCHANGERS AND BOILER TUBES.

REMI Edelstahl Tubulars Limited, set up in the year 1970, is an ISO-9001, 14000, BS OHS 18001 certified Company and is one of the leading manufacturers and exporters of stainless steel Seamless and Welded pipes and Tubes, "U" Tubes, Instrumentation Tubes in various sizes, specifications and grades and also as per customer's requirements. REMI has a strong presence in the global market and serves more than 32 countries all over the world and growing every day.

Material: All Austenitic, Ferritic, Duplex and Super Duplex Stainless Steel.

Specification: As per ASTM, EN
Size Range:

Seamless:

** 5mm to 168.28mm

** Thickness: 0.8 mm to 22 mm

Welded:

** 5mm to 1500 mm

** Thickness: 0.5mm to 45.0 mm

Pipe Length: Upto 12 meters

Tube Length: Upto 20 meters

Specialization:

- Heat Exchangers
- Condenser Tubes
- Instrumentation Tubing
- U bent Tubes
- Boilers Tubes



Applications:

- Refinery
- Petro-chemical
- LP HP Heaters Food
- Oil and Gas
- Ship building

REMI also holds various International Quality Certificates in accordance with AD2000 Merkblatt WO and Pressure Equipment Directives (PED) 97/23/EC from TUV NORD and supply our above products under all National and International Third party Inspection authorities. REMI has fully equipped in house Quality Control and Laboratory facilities and undertake various tests such as Hydro, Eddy Current, PMI, IGC, Digital Radiography Testing, Spectro analysis, mechanical properties and many others as per customer's requirement.



REMI EDELSTAHL TUBULARS LIMITED
Stainless Steel Pipes & Tubes

Company details:

Name: REMI EDELSTAHL TUBULARS LIMITED

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11 Cama Industrial Estate
Goregaon East Mumbai
63- MH
India

Phone: +91 22 40589 800

Email: megha@remigroup.com

Website: www.remigroup.com

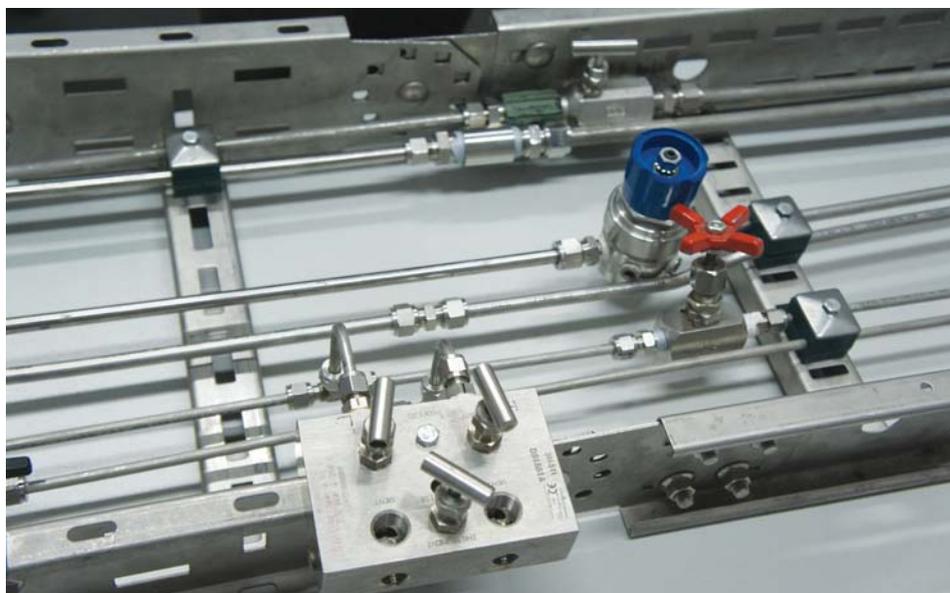
Sankyo & Co., Ltd

Sankyo & Co., Ltd. is a Japanese steel exporter specialized in stainless steel and high grade alloy seamless tubular products. If you are looking for a supplier, we are pleased to serve you with our 44 years of worldwide experience in this market. Our core business is the trading division which sources from blast furnace mills and special steel mills from home and abroad. Our achievements are symbolized by our huge market share in every industrial sector.

The trading division provides internationally competitive, high-quality products from steel pipes for large plants to IT precision parts. We supply pioneering products of high quality from reputed manufacturers using a lean distribution system based on refined expertise and experience. To supply products that satisfy various needs of our customers, we ensure that we correctly and fully understand their needs and respond quickly. We leverage Sankyo's global human and sales networks to provide know-how in specialized fields and collect highly reliable information. With our quick response and reliable supply system, we have established an impressive track record around the world. We will continue to develop our commercial distribution and aim to become a global company that is trusted worldwide.

In 2011, Sankyo Singapore Pte. Ltd. was established as a logistics hub and a sales agent for Southeast Asia.

As of today, we have some stock of seamless stainless steel tubes up to 16.0mm in Takeo City, Saga Prefecture, Japan. We can perform inspection for



the tubes under our quality assurance team.

Today, we export our products to various countries in Asia, Europe, the Americas, Oceania, the Middle East and Africa with our customer's satisfaction.

Main products

Seamless stainless steel tubes in OD 6mm - 90mm & pipes in NPS1/2" - 16"

Grades: Austenitic, Ferritic, Martensitic, Duplex & Super Duplex, 6Mo, etc.

Seamless copper alloy & nickel alloy pipes/tubes, Welded titanium tubes Nickel alloy plates



SKB SANKYO & CO., LTD.

Company details:

Name: Sankyo & Co., Ltd
Address: 3rd Floor, Shin-koenji
Dai-ichi Seimei-Bldg.
1-13-12, Umezato
Suginami-ku, Tokyo
166-0011
Japan
Phone: 0081 3 5929 1981
Fax: 0081 3 5929 1944
Email: sales@sankomj.co.jp
Website: www.sankomj.co.jp

Shanghai Baoluo Stainless Steel Tube Co., Ltd.

Shanghai Baoluo Stainless Steel Tube Co., Ltd., founded in 1989, is dedicated to the development and production of stainless steel seamless precision tubes. Recently, we have invested a great deal of money employing technical professionals and purchasing advanced equipment in order to become an outstanding supplier in the field of precision tubes in stainless steel, duplex and nickel alloys. With constant business development and expansion in mind, we also invested in the building of a new factory in Zhujing Industrial Park, Jinshan District, Shanghai in 2007. Its covered land area is 60 mu (approximately 10 acres, or 4 hectares), and its total floor area is over 50,000m². The factory has 48 advanced production lines, and its annual capacity of OD 3.18-406 with WT 0.2-40mm stainless steel seamless tubes is 10,000 tons.

The standards applicable to such products include GB/T13296, GB/T14975, GB/T14976, ASTM A213, ASTM A269, ASTM A312, ASTM A789, ASTM A790, ASTM A511, ASTM B 163, ASTM B165, ASTM B444, ASTM B622, ASTM B829, DIN2462, DIN17458, DIN17456, and EN10216-5 TC1 and TC2. We are approved by ABS BV CCS DNV KR LR NORSOK RINA RS.



We have at our disposal a wide variety of sophisticated production equipment, solid technical know-how, advanced technology, and complete testing equipment.

Our products are widely used in the petro-chemical industry, pharmaceutical and food industries, power industry, pulp- and paper industry, shipbuilding industry and the boiler and heat exchanger industry. Our product quality, combined with our service level, has led to a good reputation and positive feedback from our customers.

Guiding factors in our processes and objectives are technological innovation, safety for our workers and customers, conformance to environmental and legal regulations, improvement of our productivity and competitiveness and, last but not least, maximum customer satisfaction.

BSS is convinced that developing long term relationships with its customers is a key ingredient for future expansion of the company. Soon we hope to welcome you as our customer and to demonstrate to you our added value as your supplier.



BSS 金保莱

Company details:

Name: Shanghai Baoluo Stainless Steel Tube Co., Ltd.
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Zhujing Industrial Park
Jinshan District
Shanghai
China
Phone: +86-21-57348398
Fax: +86-21-57348396
Email: sales@bss.sh
Website: www.bss.sh

Sincemat Co.,Ltd.

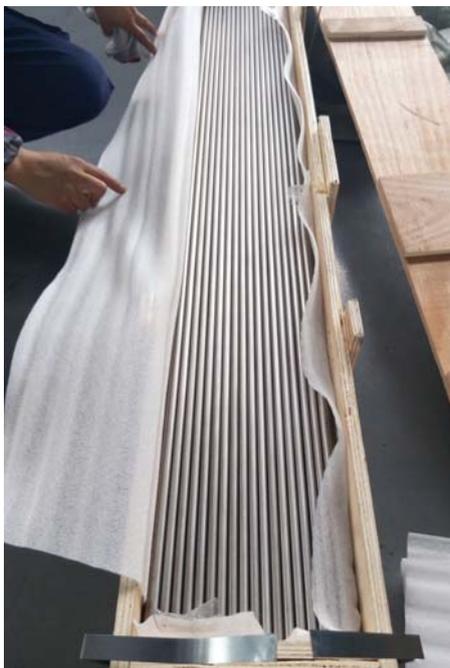
About us

Sincemat Co.,Ltd is an outstanding producer and supplier of Titanium, Nickel, Stainless steel, Tantalum, Niobium, Tungsten, Molybdenum products in China. ISO 9001:2015 certified, our corporation, established in 2003, now services nearly 200 customers all over the world, including USA, Germany, Italy, France, UK, Sweden, Poland, The Netherlands, Japan, Korea, Singapore etc.

Our products include sheet, plate, bar, tube, fittings, fasteners, discs, rings, target etc. Materials include Titanium and its alloys, Nickel and its alloys, Stainless Steel, Tantalum and its alloys, Niobium and its alloys, Tungsten and its alloys, Molybdenum and its alloys.

Our corporation focuses on providing the highest possible quality, very competitive price, prompt delivery, excellent service for our customers. Our mission is to exceed our customers' expectations and we sincerely hope that our work will bring more value for our customers.

All of our products are made per specifications of ASTM, ASME, AMS, MIL etc, The quality is excellent and our



products have been qualified and used for many years by many customers all over the world. We have a very strict quality control system, from raw materials to production process to final products. We examine every step, which guarantees that we can supply products of consistent quality. We also have very tight cost control, from raw materials to final products, stock, and shipment etc. Our rule is to cut the cost to the lowest in various parts, which guarantees that we can provide very competitive pricing. Furthermore, we try our best to deliver our products as soon as possible; service is also very important since we care so much for our customers.

We really hope that companies using these products will contact us. We will do our best to provide a good service

and we think we can bring you more value. If you have any enquiries for these products, please do not hesitate to contact us.

The name "Sincemat" comes from "sincere materials". Since establishing the corporation we have held the belief that we should be most sincere and honest. Thanks to all of our customers' support our corporation has achieved great development and by our honesty we will try our best to do better and better.



Company details:

Name: Sincemat Co.,Ltd.
Address: Room 805, No 1 Building
7866 Humin Road
Shanghai 201102
China
Phone: 0086-21-52962271
Fax: 0086-21-52962270
Email: info@sincemat.com
Website: Http://www.sincemat.com

SNEL STAAL B.V.

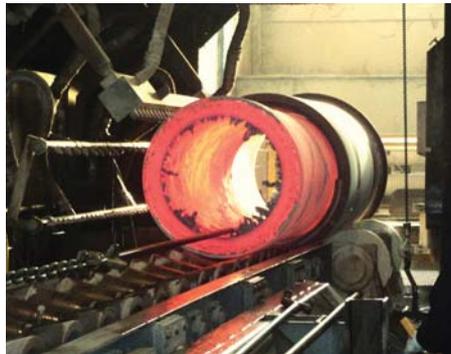
Since 1973 Snel Staal B.V. has been an established name with regards to the supply of various stainless steel and nickel alloys products.

Snel Staal B.V. represents a large variety of local and foreign manufacturers of steel products. All products can be obtained under approval by all major inspection authorities such as: T.U.V., Lloyd's, Bureau Veritas, D.N.V., A.B.S. etc.

The Snel Staal scope of supply contains a large variety of materials, supplied according to international standards. Forgings, (centrifugal) castings and bar materials from mill stock.

Our company has the possibility to supply our products in a machined condition. Our factories are fully equipped to deliver a complete machined product.

Snel Staal B.V. has been certified according to ISO 9002 since 1990



and approved by Lloyd's Register Assurance Ltd. All our suppliers and expeditors are exposed to a thorough

quality evaluation by our own quality department and therefore certified according to ISO-9001 or ISO-9902.

Your specials are our common practice!



Company details:

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Website: www.snelstaal.nl

Stalatube Oy

With a history of more than four decades and an eye on the future, Stalatube is a well-established producer of stainless structural products such as square and rectangular hollow sections, press brake tubes and I-beams as well as other profiles. To meet all current industry requirements – even the most demanding ones – Stalatube has over the years constantly expanded their product range in terms of sizes and material grades. And when it comes to size, all products are available in both standard and customised dimensions. This kind of development would not have been possible without closely following industry trends and staying in contact with end-users.

“We are not the type of company that manufactures a limited range of standard products on a massive scale and then tries to sell them on the market,” explains Sami Packalén, Senior Vice President sales and marketing at Stalatube. “Rather, we seek to understand our customers’ needs and create tailor-made solutions. Having the world’s widest range of stainless steel hollow sections is a natural result of this philosophy.” The company’s products are indispensable to a variety of industries where different applications are exposed to corrosive or otherwise demanding environments. Among them are heavy machinery, transportation, building and construction, all kinds of process industries, energy and oil & gas.



When asked about the company’s unique points, Mr. Packalén answers without hesitation: “Custom-made is our standard. Our technology and know-how are at the full disposal of our customers, an example being the recently launched digital design tools and handbooks on our website. The new Stalafit PRO, for instance, is a fully functional Eurocode design software for direct member design or to be used with FEM results. Another tool allows customers to choose the right steel grade for a specific application, taking into consideration also the environmental conditions. We offer thorough technical guidance, carry out comprehensive testing and documentation according to project standards and assist in the selection of optimal materials. Tube laser cutting and cut-to-length service give

customers the possibility to customise the products according to their needs. In customer projects, we can take care of the entire process and deliver products onsite, ready to assemble. We help guarantee that the best weight-to-cost relationship is achieved. If our customers have any queries about processing or welding, Stalatube is always ready to help. To ensure all this, we collaborate with numerous engineering and design companies.”

“We place great emphasis on customer service and reliability, which we also continue to improve through investments in production facilities, R&D and digitalization”, comments Sami Packalén. Together with a wide range of high-quality and innovative products, this approach is sure to guarantee Stalatube a flourishing global future.



STALA
TUBE

Company details:

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Fax: +35838821914
Email: sales@stalatube.com
Website: www.stalatube.com

Steamline Industries Ltd

Steamline Industries' ultramodern manufacturing facility is strategically located near Ahmedabad Gujarat India. Steamline Industries specializes in manufacturing & supplying a complete range of Stainless Steel ERW / Seamless & Welded pipes and tubes & U-tubes which meet international standards, exceed customer expectations and provide the highest quality

Our manufacturing facilities are based on the newest and most advanced technology available today for Pipe Manufacturing which strengthen our large-scale manufacturing capacity, continuity and automation which helps keep our customers ahead in their fields.

We cater to daily operations and project requirements of leading Industrial organizations in India and abroad. Our clientele is diverse, ranging from Oil & Gas Companies, Thermal Power & Nuclear Power Plants, Water Treatment Centers, Aerospace Companies, Refineries, Dairy & Food Industry, Breweries & Distilleries, Submersible Pumps, Heat Exchangers, Condensers & Pressure Vessels, Paper & Pulp Industry, Petro-Chemical & Refineries, Environment & Effluent Industry, Pharmaceuticals, Sugar Mills, Power Plants, Automotives, Shipping & Marine Services and other steel plants

The production process employs cold pilgering or cold drawing for manufacturing seamless tubes and pipes, our equipment is modern, high tech and uses the latest practices. Our process comprises full ring dies, double end turning and feeding and the capacity to run at high speeds. It is possible to get up to 75% reduction of cross sectional area in a single attempt through these Pilgers. Tube mills employed for processing welded pipes and tubes have the latest version of plasma and **TIG** welding processes, which ensures a uniform and



qualitative output. We have the latest German design Seco Warwick electrical heating bright annealing furnace.

We have modern electro-pneumatic U bend machines, which are capable of bending a tube up to 1.5 times its diameter with high levels of accuracy. The bent portion is also given heat treatment through the resistance heating method and then subjected to u-bend hydro testing.

We have installed high capacity latest machinery, which perform the task of fast and accurate finishing of our products.

We provide our customers with premium quality material and high-end services. The niche we focus on is SS seamless precision and instrumentation tubing. Our emphasis is also on tubing which has perfect OD and ID tolerance, ensuring that each tube is precise and as per the specification. The cornerstone of Steamline Industries is ASTM A-312 welded pipes with a capacity of 1400 Tons/ Month. We also manufacture around 400-600 Ton/Month of seamless pipes. Our expertise and capacity transform us from a national steel pipes and tubes manufacturing company into a prosperous global conglomerate.

We are a 9001:2008 ISO Certified Company and have been approved by the EIL (Ped 2014/68 EU- AD2000 W0 and W2). Our third party approvals include- Lloyd's Register Asia, CEIL & Bureau Veritas (Rina Shop Approval), NORSOK and Manufacturer of material from RINA.



We conduct several mandatory tests such as Hydro Tests, Visual Dimension Inspection, Mechanical Tests & other tests on customer demands such as Chemical, Eddy Current Test, Intergranular Corrosion Test, PMI Test, Ultrasonic Test.

We are committed to meet global requirements by ensuring a clean Environment, Occupational Health & Safety (EOHS) at our premises, which are reviewed on a regular basis.

We adhere to stringent quality norms for all our processes. The materials used are of the highest quality and compatible to the latest machinery & production processes'. Quality control tests are conducted regularly to ensure uniform product quality, which helps us develop business and maintain long-term client relationships & customer satisfaction.



Company details:

Name: Steamline Industries Ltd
Address: 901/ 904 Jagdamba
Commercial Complex
Next to Movie Time Theatre
Evershine Nagar
Off Link Road
Malad West
Mumbai 400064
Maharashtra
India
Phone: +91 22 40999700-799
Fax: +91 22 40999777
Email: exports@steamlineind.com
Website: www.steamlineind.com



Sun Mark Stainless Pvt. Ltd.

Our Company:

Manufacturing Relationships. Distributing Quality

Sun Mark Stainless Pvt. Ltd. is front runner company of Sunrise group. Sunrise group has, over the last forty years, ventured into producing assorted stainless-steel merchandise in Domestic & International markets.

Mr. Mahendra Shah founded the Sunrise group in Gujarat. Sun Mark Stainless provides top quality stainless-steel Welded Pipes / Tubes products to corporations in India and to international clients in various industries like oil and gas, organic compound, construction, engineering, agricultural, nuclear and thermal, paper and pulp, and construction. Many years ago, Sunrise group became a privately held corporation and Mr. Mahendra Shah was joined by his 2 sons, Pratik and Ruchit Shah and his nephew Jignesh Shah. Confirmation of their success came dramatically when Sun Mark stainless turnover increased



from \$100 million in 2015 to \$153 million in 2018.

Our Product:

We are a manufacturer of Stainless Steel Welded Pipes / Tube & Fittings and also well diversified in the stainless steel industry since more than 4 decades providing good quality products. Within a short span of time, Sunrise Group has ruffled many feathers in the stainless steel pipe industry with uncompromising

Quality Standards, Timely delivery and aggressive pricing which has catapulted us into an enviable position in the market. Sun Mark stainless is certified as an ISO 9001, ISO 14001, OHSAS, PED & AD WO company.

Sun Mark Stainless features a new, state of the art production facility; all of our instrumentation, for creating welded pipes / tubes are procured from the leading machine makers all over the world.

Our Product Standard & Range:

Stainless Steel welded pipes / tubes

Specifications	ASTM A312 / A249 / A269 / A554 / EN 10217-7, Equivalent to EN & DIN Standards
Range	O.D/NB :- 12.70 mm to 406.40 mm Thick / SCH :- 0.90 mm to 12.70 mm Length :- Up to 11,600 meter
Type	Welded
Grades	201 / 304 / 304L / 316 / 316L / 321
Products	Pipes & Tubes

Stainless Steel Butt Weld Fittings

Specifications	ASTM A403, EN 10253-4, MSS SP43, DIN 2609, DIN2605, IN 2615, DIN 2616, DIN 2617
Range	O.D/NB :- 1/2" NB to 12" NB Thick / SCH :- SCH 5 / SCH 10 / SCH 40
Type	Seamless & Welded
Grades	304 / 304L / 316 / 316L / 321
Products	Elbow / Tee / Reducer / Stud End / Nipple



Company details:

Name: Sun Mark Stainless Pvt. Ltd.
Address: 310, Ashirwad Paras
Corporate Road
Prahlanadnagar
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Gujarat India
Phone: +91- 79 – 40021220
Email: exim@sunmarkstainless.com
Website: www.sunmarkstainless.com



Watch video

Suraj Limited

PRODUCERS OF STAINLESS STEEL SEAMLESS PIPES, TUBES, "U" TUBES INSTRUMENTATION TUBES, FLANGES, FITTINGS & ELECTRO POLISHED FINISH

Suraj Limited, an ISO-9001, 14000, BS OHS 18001 certified Company are one of the leading Manufacturers and Exporters of Stainless Steel Seamless Pipes, Tubes, "U" Tubes, Instrumentation Tubes, Flanges, Fittings & Electro Polished Finish in various sizes, specifications and grades and also as per Customers' requirements. Suraj has a strong presence in the global market and serves more than 70 countries all over the world.

- Materials:** All Austenitic, Ferritic, Duplex & Super Duplex Stainless Steel
- Specification:** As per ASTM, ASME, EN, NFA, JIS Standard
- Size Range:** 6.0 mm OD – 323.9 mm OD
- Thickness:** 0.8 mm – 25 mm
- Pipe Length:** Upto 12 mtr long
- Tube Length:** Upto 30 mtr long
- Specialization:** Heat Exchangers, Heating Elements, Surface Condensers, Automotive Digestors, Instrumentation Tubing and Fluid Piping
- Application:** Refinery, Petro-chemical, LP HP Heaters Food, Pharma, Fertilizer, Oil & Gas, Breweries Sugar, Ship Building



PRODUCT SPECIFICATION & MANUFACTURING SCOPE FOR FITTING

- Size:** ½" to 12" Inch (15NB to 300NB) Seamless
- Thickness:** Sch 5s to sch XXS 0.8 mm to 25mm
- Standards:** ASTM-A403 ASTM-A815 EN-10253-4
- Dimensions:** In Accordance with ASME B16.9 & ASME B16.28
- Bevel Ends:** Beveling according to ASME B16.25
- Grades:** All Kinds of Austenitic, Ferritic, Martensitic, Duplex & Super Duplex, Stainless Steel Grades.
- Outside Finish:** Shot Blasted Finish Annealed & Pickled Finish



Suraj also holds various certificates for quality in accordance with AD2000 MERKBLATT W0 and Pressure Equipment Directives [PED] 97/23/EC from TUV, NORD and supply our above products under all National & International Third party Inspection authorities. Suraj also have their own Testing Laboratories to undertake various tests such as Hydro, Eddy Current, PMI, IGC, UT, RT, Spectro analysis, Mechanical properties and many others as per customers and specification requirements.



Company details:

- Name:** Suraj Limited
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- Phone:** +91 982 5015137
- Fax:** +91 79 2754 0722
- Email:** suraj@surajgroup.com
- Website:** www.surajgroup.com

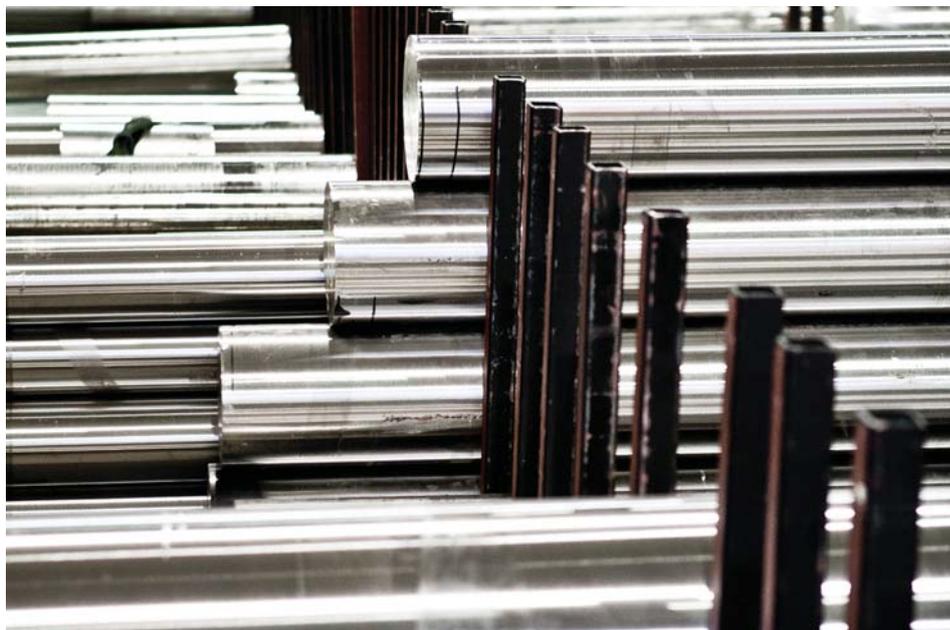
Sverdrup Steel Group

The Sverdrup Steel Group is a global solution provider for high performance alloys. Providing one of the world's largest stockholdings in coil, plate and round bar in high performance alloys. We stock a complete range of NORSOK M650 approved material. We are located in nine countries, with an export to more than 60 countries around the globe. Sverdrup Steel has traditionally been a supplier for the oil & gas industry. The company was established in 1992 in Stavanger, Norway. The business plan was to meet the growing demands from the Norwegian oil and gas service industry for high performance alloys. The company became a success, and Sverdrup Steel became a well-known name in the Norwegian oil & gas service industry.

In 2014, we set ourselves a goal of becoming more diversified. To identify and penetrate other industry segments. We were confident that our competence and commitment to our partners was a commodity that would be appreciated in several segments.

Today five years later more than fifty percent of our group revenue is derived from other segments than oil & gas. We now have large stocks in Stavanger and Oslo in Norway, Sheffield in the UK, Burg in Germany, Eskilstuna in Sweden and Busan in Korea. We have sales offices in Norway, Sweden, Denmark, Finland, Germany, Poland, The Czech Republic, UK and Korea.

We deliver plate in standard formats, cut to length plates from coil, round bars, forgings, centrifugal castings and hot isostatic pressure products from



renowned producers who we have built strong relations with through our years as a leading supplier of high performance alloys.

We work tirelessly to ensure the quality of our products, with both suppliers and customers. We ensure that products are delivered on time for added value process and mechanical production process. We assist with specifications of projects to ensure right material selection, availability and competitive prices.

Sverdrup Steel is very proud to find that over many years the recurring respond we get from our partners on our surveys to measure their confidence and satisfaction with Sverdrup Steel, is that we keep adding value to their companies.

With the exponential growth we have had over the last five years, we have grown to more than double our workforce, tripled the number of stock locations, quadrupled the number of sales offices, and being a part of multinational business cultures, Sverdrup Steel has focused on and formalized our company values. All employees have contributed through interactive workshops and individual assignments. Our values are summed up in Steel.

- Superb Quality
- Team work
- Effort
- Efficiency
- Love

We feel that our values explain why the customers state that Sverdrup Steel add value to their operations.



**SVERDRUP
STEEL**

Company details:

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Address: Strandsvingen 2
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Postcode: N-4032
Country: Norway
Phone: 0047 51 81 69 00
Fax: 0047 51 81 69 10
Email: mail@sverdrupsteel.com
Website: www.sverdrupsteel.com

Techno Tube LLC

Techno Tube is a production plant with modern equipment for manufacturing welded round and profile stainless steels tubes and elbows. Capacities of the enterprise allow us to produce up to 1000 tons of tubes per month. The products are certified by ISO and TUV.

PRODUCTION CAPACITY:

- 6 TIG welding mills and 3 laser mills.
- Polishing workshop.
- Longitudinal slitting machine for the coils with the thickness from 0.8 mm to 6 mm.
- Machinery for equipment's repair, modernization and its consumables production.
- The annual tubes output is 20 000 tonnes.
- The mill has automated replacement of equipment parts, and in-line polishing and packaging facilities. Mills produce round tubes from 6 to 104 mm diameter and square tubes from 10 to 100 mm.
- In-line bright annealing facilities.
- Slitting is performed on modern equipment according to the standards. The width of the coils varies from 600 to 1500 mm. The thickness from 0.8 mm to 6 mm and the cutting speed is up to 870 meters per minute.

For the tube production we used only high quality raw material (EN 10088-2) from world famous producers.



Products range:

- Round tubes from 6 to 114.3 mm
- Square tubes from 10×10 to 80×80 mm
- Rectangular tubes from 20×10 to 100×60 mm

Wall thickness from 0.5 to 5 mm
Length up to 24 meters

Surface:

- Mill
- Brushed
- Mirror polished
- Annealed
- Polished 320 grit

Steel Grades:

- TP 304 • TP 201 • TP 430 • TP 409
- TP 439 • TP 321 • TP 316L • TP 316Ti
- TP 309/310S • TP 904L • Nickel Alloys

Standards:

EN 10217-7, EN 10296-2, DIN 11850 (EN 10357), ASTM A554, ASTM A312, ASTM A778, ASTM A268, ASTM A249, DIN 2395, EN 10219-2

All the products undergo strict quality control:

- Tensile test
- Flattening test
- Test of the distribution
- Leakage test

- Dimensional control
- Non-destructive test (eddy current)
- Pneumatic control
- Hydraulic test
- Visual examination of the surface

Techno Tube offers slitting the stainless steel coils on sheets and strips in accordance with the customer's inquiry. Maximum thickness of processed coil is 6mm. On a regular basis we do have minimum stock of stainless steel coils AISI 304/304L, AISI 321, AISI 316/316L, AISI 201, AISI 409, AISI 430 about 1000 tons so we can complete customer inquiry in a short time.



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TUBACEX

The Tubacex Group, premium stainless steel tubular solutions partner, has moved forward in the value chain to become a full-service supplier offering advanced stainless steel solutions to the final customer with a value proposal able to cover all the stages of the process: from design to maintenance services, including maintenance or repair services.

This positioning has been backed up by a solid strategic plan focused on Growth, Diversification and Excellence in service. Three pillars aimed at providing high technological steel solutions developed in co-creation with customers, increasing the global efficiency of their projects and processes and reducing total costs of ownership.

Innovation Strategy

As part of its strategy towards integrated tubular solutions, TUBACEX is launching new lines of action in R&D as well as in the search for strategic alliances to develop integrated value proposals, in particular, applications with a high technology component.

Innovation management at TUBACEX is carried out under Open Innovation principles, which allows for the integration of capacity and knowhow from a network of companies, including customers, suppliers, research centers and partners in general. Most of the innovation projects that are currently under development at TUBACEX emerged from alliances and consortiums with other companies, including the design of components and even subsystems.



TUBACEX is also taking part in a global acceleration of the technological change facilitated by digitalization. Thus, the company is undertaking the adoption of digital technologies and Industry 4.0 concepts, implementing a growing number of technological innovation projects in production plants.

Integrated model

TUBACEX provides advanced stainless steel tubular solutions from alloy design thanks to its integrated manufacturing system, with its own steelworks, which enables the full production process to be monitored from steel development onwards. This model guarantees traceability in the quality control of the product and ongoing improvement throughout the process. The positioning of TUBACEX as a full-service supplier has represented an opportunity to reinforce a division with a constantly growing product and service

portfolio closer to customers: TUBACEX Advanced Solutions. Tubacex Advanced Solutions integrates the global network of own stock and service centers in Spain, France, Central Europe, Houston, Brazil, Middle East, and India (TSS) and all TUBACEX companies focusing on value-added services, making a qualitative leap in the conception of the business, positioning TUBACEX in an advantageous performance framework.

Social development

The Tubacex Group established its own Foundation to channel all efforts to promote social development in the geographic areas in which it operates. Such a body has become the main channel to boost projects in three major fields of activity: training, social transformation, particularly in the field of functional diversity, and development cooperation in those regions of the world in which the Group is present.



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VDM Metals

VDM Metals: the global market leader in nickel alloys and special stainless steels

VDM Metals, based in Werdohl, develops and produces nickel, cobalt and zirconium alloys as well as special stainless steels in the form of sheets, strips, rods, wires, and welding consumables. Powder materials for additive manufacturing complete the product range. VDM supplies customers in the chemical industry, plant construction, oil and gas, electrical and electronics, as well as automotive and aerospace industries. The portfolio comprising more than 100 materials includes corrosion-resistant alloys, high-temperature alloys, super alloys, heating element and resistance alloys, soft magnetic alloys and controlled expansion alloys. VDM Metals manufactures at five German sites and in two US locations. Worldwide, the company employs around 2,000 people and is represented internationally with branches in all continents.

Flat products, long products and powders in a wide range of dimensions

At VDM Metals, all important production steps are performed in-house, from melting the primary material to manufacturing the semi-finished product in the respective forms. For additive manufacturing VDM produces a wide range of powders in an atomization plant. The dimensions vary depending on the material and its further processing. For the strip segment, the materials are offered in thicknesses ranging from 0.02 – 3.50mm and widths of 4 – 750mm. Sheets are offered cold or hot rolled in dimensions ranging from 1 – 100mm thickness, 1,000 – 2,500mm width and a length of 12,000mm. Rods and billets are offered forged or rolled with



diameters of 6 – 600mm and lengths of 1,500 – 12,000mm. VDM supplies wires for different applications. For example, as rolled wire with a diameter of 5.5 – 16mm, drawn wire ranging from 1.5 – 12mm or flat wire with dimensions ranging from 0.04 x 0.20mm to max 2.50 x 9.00mm in diameter. The fine wire is offered in diameters of 0.10 – 1.50mm. There are various product forms for welding consumables like strips, wires and electrodes of numerous dimensions depending on the used welding technique.

Customer support: Rapid delivery of small volumes

VDM Metals operates four Service Centers to supply its customers with small and larger volumes, both at short notice and tailored to requirements. These are located in Werdohl, Nantong, Gimje (Korea), and Melbourne. Our scope of supply includes sheets, rods, welding consumables, heating elements wires, as well as billets or forging stock. The Service Centers offer a comprehensive range of services and various pre-processing options in addition to consultation services from



application specialists regarding optimal use of materials. The Service Centers are equipped with laser and water jet cutting machines to produce blanks based on customer drawings. Particularly noteworthy here are tailor-made material packages for manufacturing marine scrubbers. Based on the customer's drawings, they are supplied as kits to the processors. In addition, VDM Metals offers its materials in standard and special dimensions 24/7 via an online shop: www.vdm-metals.com/shop You can find more information at www.vdm-metals.com.



VDM Metals

Materials for the future.

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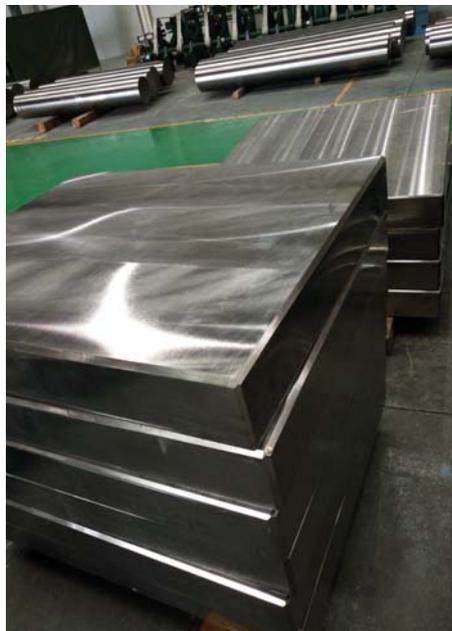
Western Superconducting Technologies Co., Ltd

Western Superconducting Technologies Co., Ltd (WST) is an integrated and professional producer of titanium and its alloy ingot, billets, forgings, slabs, bars, rods, wires and profiles.

WST can supply the high-performance Ti material of Ti6Al4V, Ti6Al4V ELI, Ti6Al7Nb, Ti-6Al-2Sn-4Zr-2Mo, Ti-6Al-2Sn-4Zr-6Mo, Ti-15Mo, Ti-7Al-4Mo, Ti-6Al-6V-2Sn, Ti-8Al-1Mo-1V, Ti-10V-2Fe-3Al, Ti-45Nb and NbTi. These materials are mainly used for aerospace, medical, automotive and other critical industries.

Our products have been exported to European countries as such as Switzerland, Netherlands, France, Germany, UK, as well as America, Japan and many others.

WST has 3 workshops, 11 divisions, 1 testing center and a R&D center in the headquarters and 4 workshops in Jingwei Industry Park, which have 8 sets of 3 tons, 8 tons and 10 tons VAR furnaces, 4 sets of 1000 tons,



1800 tons, 4500 tons and 8000 tons high speed forging press, 1 set of horizontal precision forging machine imported from Austria, well-designed multifunctional rolling production line and over 200 sets of auxiliary equipment for the mass production.

Not only does WST have the certificate of ISO 9001, AS 9100D, ISO 14001 of Environmental Management System and OHSAS 18001 of Occupational Health & Safety Management System, it also holds the certificate of Nadcap for heat treating and non-destructive Testing.



Company details:

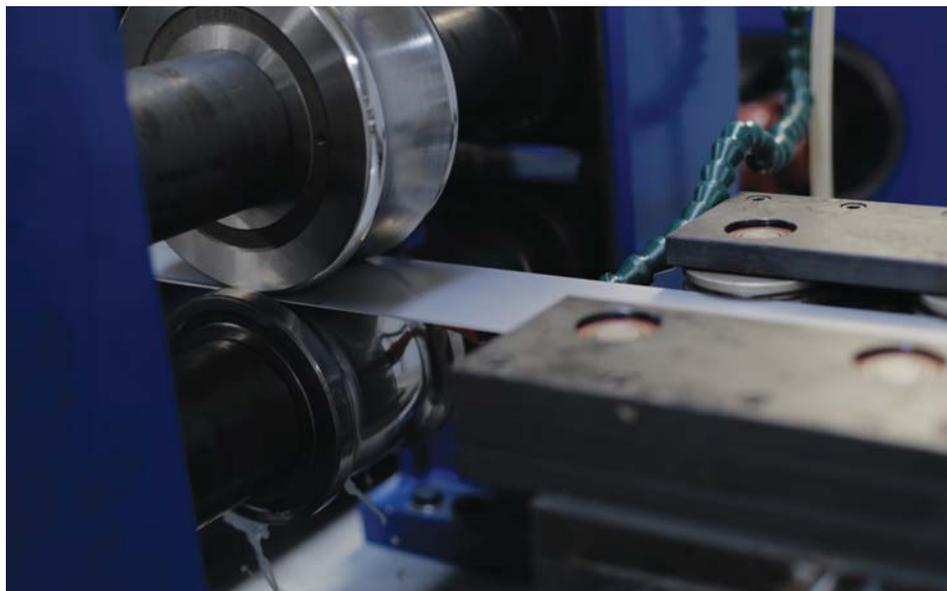
Name: Western Superconducting Technologies Co., Ltd
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Website: www.c-wst.com

WT – Westtube

Westtube is developing a new business unit established in Portugal which started operating in 2017 with the production of stainless steel welded tubes through a TIG system. The company aims to fill a technological and market gap, at national level, in order to supply a fraction of the international demand and simultaneously leverage the local economy.

Our goal is to relentlessly apply our technology and solid know-how to develop and enhance new applications of stainless steel tubes. We have qualified human resources and multilingual staff at the service of customers in different levels.

Westtube is looking for partners willing to follow this journey with us and to underpin our culture, so that together we can outperform and exceed our customers' expectations. To follow and support our expansion in the market we are looking for customers and suppliers that could

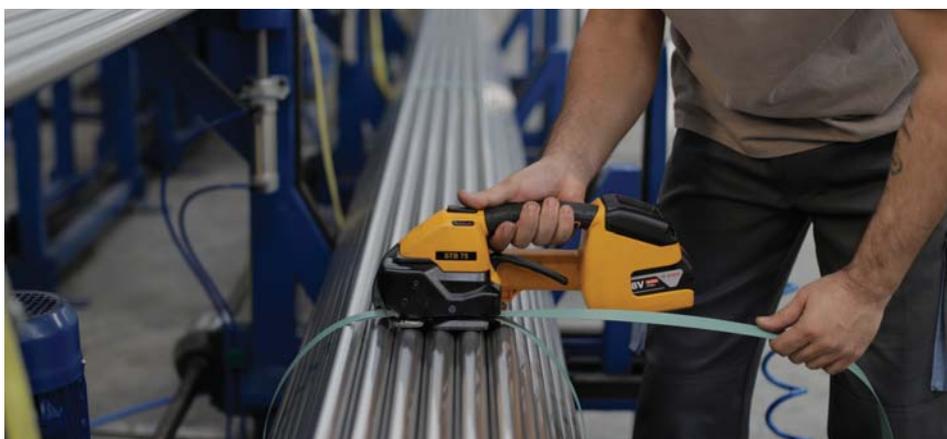


work with us in close collaboration. Westtube has a flexible production; we can produce customized measures and products according to the needs of our customers.

Westtube is currently in the end of the implementation of PED

certification and is already certified by ISO 9001.

Westtube benefits from its location near the ship terminal, Porto de Leixões, airport and highway. If you need any further information please do not hesitate to contact us.



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Website: www.westtube.pt

Xinjiang Xiangrun New Material Technology Co., Ltd (XRUN)

Xinjiang Xiangrun New Material Technology Co., Ltd (XRUN) is located in Hami, Xinjiang and is part of the Wujo Group who invested 7.6 Billion to create the whole titanium supply chain. The company own titanium ore, coal mine, power station, titanium sponge, titanium and titanium alloy ingots, forgings, bars, plates, sheets, coils and strips, clad strips, pots, pans, bottles, etc. So we can achieve seamless connection from manufacture to market.

The capacity of titanium sponge is about 8000 tons per year. The system contains 13T Ti sponge reactor, 8000T oil press and titanium sponge crushing production line which is imported from Russia so as to ensure high quality Ti sponge.

We have the world's first level melting production system. The system contains 3T VAR furnace, 10T VAR furnace, sponge mixing and distribution system and 8000T oil press. The capacity is 10000 tons per year.

XRUN can produce 7000 tons annually of Titanium billet, bar, disc, ring, forging etc. and its alloy. The system

Category	Size	Standard	Grade
Billet & Bar & Rod & Wire	φ (5-400) mm × L	ASTM/ ASME/AMS MIL/DMS/TA /AWS/JIS	C.P. Ti, GR1, GR2, GR3, GR4, ERTi-1, ERTi-2 etc.
Plate	(4-100)mm × (500~2250)mm × L	ASTM/ ASME/AMS MIL/DMS/TA /AMS/JIS	GR5, GR7, GR11, GR12, GR16, GR17, Ti-6Al-4V, Ti-6Al-4VELL, Ti662, Ti6242, Ti1023, Ti-0.2Pd etc
Sheet	(0.3-4.0)mm × (500~2000)mm × L		
Forging	accept specific requirements	ASTM/ ASME/AMS MIL/DMS	
Hot Rolling Coil/Strip	(4-12)mm × (50 -1530)mm × L	ASTM ASME AMS	GR1, GR2 etc C.P. Ti
Cold Rolling Coil/Strip	(0.3-3.0)mm × (50-1250)mm × L		GR1, GR2 etc C.P. Ti

contains a 5000T High-Speed forging press which is the most advanced equipment in China so as to ensure our products can fully meet the application for aerospace, chemical industry, medicine etc.

The production line for plates, sheets and strips utilises the best production technology. We have a 2.45M four-roll reversing mill, 1.45M clad mill, electric

heating furnace, straightening machine, water jet cutting machine, flame cutting machine etc. The annual production is about 20,000 tons.

We manufacture titanium/aluminum/stainless steel pots and pans, as well as titanium bottles. The difference between our clad metal pans/pots and others is that there is no coating layer on our products but we guarantee non-sticking.





XRUN

湘润科技

Company details:

Name: Xinjiang Xiangrun New Material Technology Co., Ltd

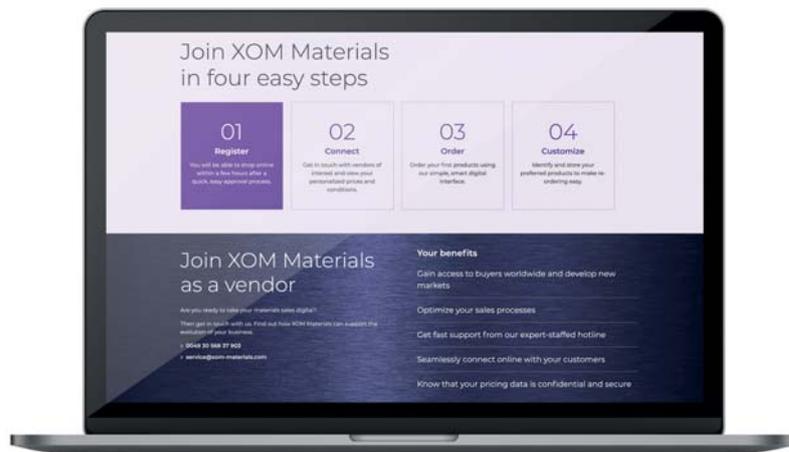
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XOM Materials GmbH

Founded in Berlin in 2017, XOM Materials is the go-to online solution for buying and selling materials such as steel, metals, and plastics. One of our major advantages is that we offer a ready-made procurement platform, eliminating the cost of digitization for buyers and sellers aiming to future-proof their business. We thus enable users to “go digital” painlessly, without investing in developing an inhouse platform – offering a great return on zero investment.



At XOM, we serve all types of buyers and sellers of materials, offering a straightforward, reliable, independent service. By simply logging in, buyers can connect with various suppliers, investigate new sources, and see what established sellers have on offer. They can manage the bulk of the procurement process on the platform, relieving them of many tedious, routine tasks and making them more productive.

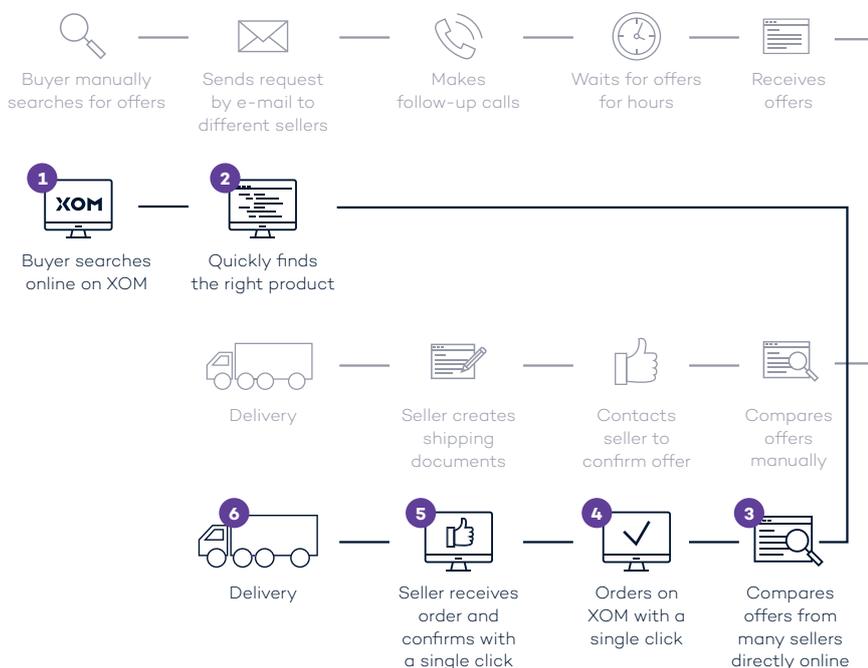
Sellers can use XOM’s online platform to serve existing customers better and quickly add new ones, simplifying their workload and ensuring sales run smoothly. XOM puts their stock in front of an ever-increasing number of buyers worldwide, allowing them to showcase their materials. Most of the sales process takes place on our unified platform, achieving time savings for sellers of up to 30%.

Our procurement platform features an ever-expanding selection of steel, metals, and plastics, including wires, special sections, sheets, plates, bars, tubes, sections, angles, and coils. Products are available from a wide range of leading global manufacturers, including Sidenor, and Röchling, and new sellers are being added as the platform expands globally.

Building on our success in Germany and other European markets, in 2018 XOM expanded into the North American market, marking a major milestone in the company’s growth. A total of 50 employees work at our locations in Berlin, Duisburg, Prague, Valencia, and Atlanta (USA).

WE ARE EFFICIENT

We reduce nine steps to six – so that you have more time for strategic aspects of your business.



XOM
MATERIALS

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YU-TING Industrial Co., Ltd.

About Us

YU-TING Industrial Co., Ltd is a Taiwan-based the most intensive processing and distribution center of Stainless Steel Sheet, Coil and Strip.

Founded in 1985, we have successfully marketed its products to various industrial sections around the World.

The company has been consecutively nominated in years of Taiwan 1000 largest manufacturers and awarded on blue-chip exporters.

Facilities

YU-TING has one coil center and one surface treatment factory. We are equipped with Rotary shear cut to length line with 6 Height levelers, Quarto plate shear cut to length line, Mirror polishing lines, Timesavers coil to coil brush line, Slitting machines, by providing customers with ever higher class of stainless steel processing services and work with reputed stainless steel mills to offer stable and diverse quality products, enhance and increase customers market competitiveness.

Decorative Stainless Steel Sheet

Stainless steel decorative sheets are used in various applications such as elevators, wall panels, interior decoration and exterior cladding. With textured surface finish, color coating and distinctive designed patterns, it will create a high-durability, good corrosion resistance, easy for maintenance and elegant appearance.

Our Products

Our stainless steel flat products range consists of:

- * Super Mirror Finish
 - Thickness: 0.5mm to 10.0mm
 - Width: Up to 1500mm / Length: Up to 6000mm
 - Double sides polishing & Anti-Fingerprint treatment



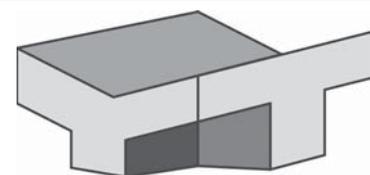
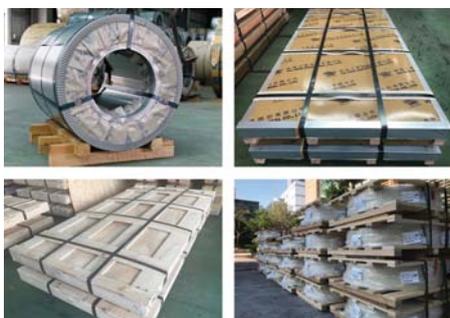
- 316L grade are also available in our operation
- * PVD Color Coating
- * 3D Multi-Directional Polishing
- * Etching Finish
- * Vibration (Angle Hair Finish)
- * Bead Blasted Finish
- * Anti-Finger Print (AFP) on various surface finish
- * CSP (stainless steel spring material)
- * Perforated Sheet & Checker Plate
- * Brush Finish (NO.3/NO.4/NO.5/HL)
- * No.1/2D/2B/BA Finish

Grades & Sizes

- * Grade: 301/304/304L/316L/430 in ASTM/EN/JIS standard
- * Standard width: 914/1000/1219/1250/1500/1524
- * Nominated thickness: 0.3mm to 14mm
- * CSP Hardness (1/4H, 1/2H, 3/4H, FH, EH)
 - Non-standard sizes are also available upon request

Our Commitment

YU-TING adheres to goodwill as the highest business principle, and take crossing climax for excellence pursuance as the benchmark, always ready with best preparation to serve our customers.



YU-TING
INDUSTRIAL CO., LTD.

Company details:

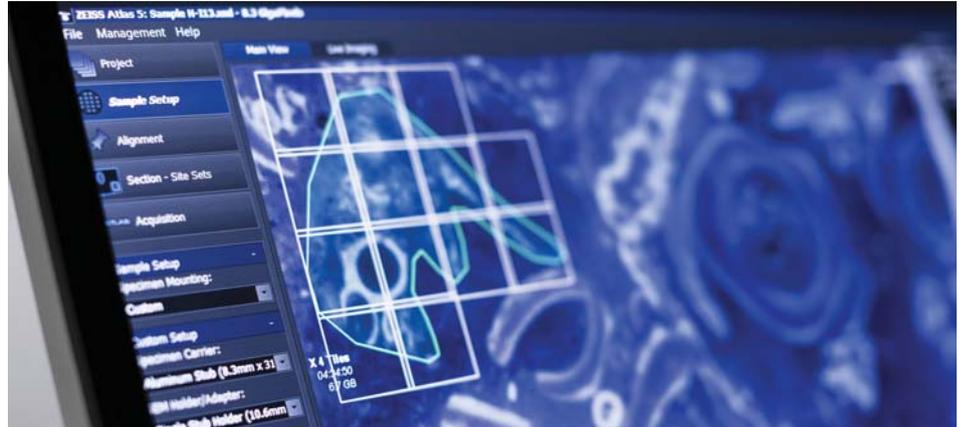
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ZEISS

Carl Zeiss Microscopy is part of the Carl Zeiss group, a leading organization of companies operating worldwide in the optical and optoelectronic industry. ZEISS is one of the world leading manufacturers of microscopes. In addition to excellent light-/ion- and electron microscopes, ZEISS also manufactures a diverse range of fluorescence optical sectioning systems as well as high-resolution x-ray microscopes. Microscope systems by Carl Zeiss are much more than just hardware. A dedicated and well-trained sales force, an extensive support infrastructure and a responsive service team enable customers to use their ZEISS instruments to their full potential.

ZEISS Solutions for steel industry measure the type and amount of non-metallic inclusions and determine their impact on the mechanical and physical properties of the steel.

Comprising optical, electron and X-ray microscopes, and with leading innovations in correlative microscopy



solutions, ZEISS instruments and applications are designed to meet your demands in this highly regulated industry.

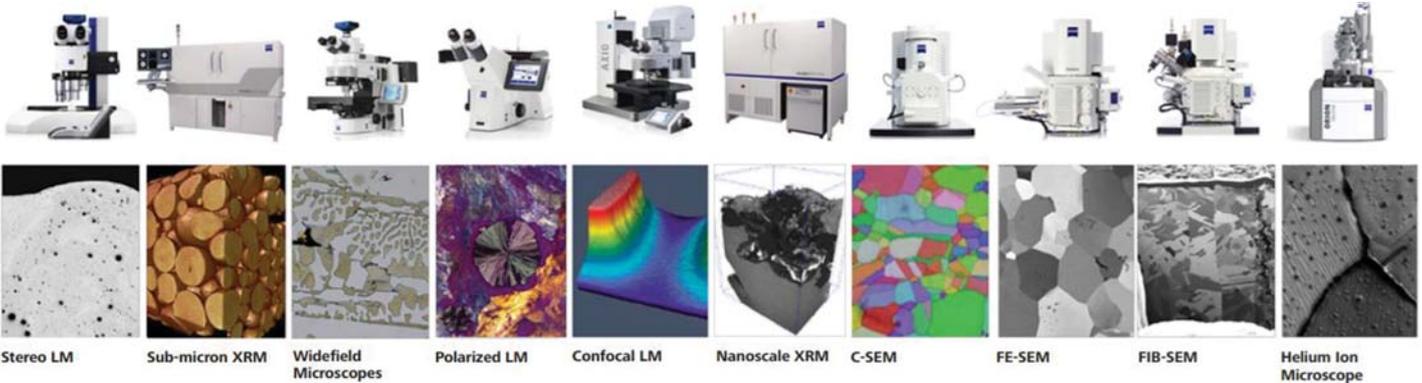
New solutions in imaging and analysis provide you with the ability to:

- Confirm that manufacturing processes, grade and quality of the product meet your customer's strict specifications
- Understand characteristics of the material when transforming it

into products to ensure it meets specifications

- Assess minor impurities or defects that can cause a component to fail
- Grasp impact of properties such as tensile strength, toughness or fatigue limit

To find out more about ZEISS solutions for the steel Industry click here: <https://www.zeiss.com/microscopy/int/solutions/raw-materials/steel-and-other-metals.html>



Stereo LM Sub-micron XRM Widefield Microscopes Polarized LM Confocal LM Nanoscale XRM C-SEM FE-SEM FIB-SEM Helium Ion Microscope



Seeing beyond

Company details:

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“ZENITH”-CHRISTOS DIMITRAKOPOULOS & Co.

The company CHRISTOS DIMITRAKOPOULOS & Co. – ZENITH was founded in 1957 and operates in the high precision metal components manufacturing sector. It is based in Thessaloniki, in a modern, refurbished and fully equipped industrial site.

The company ZENITH has state-of-the-art technical equipment, very highly trained staff and also many years' experience in the sector. The company produces turned, pressed and wire components which are used by both industrial and technical businesses, such as:

- manufactures of elevators
- machinery for food, pastry and bakery products
- equipment for fountains
- metal furniture
- refrigerators
- electrical goods
- car parts
- air conditioning
- telecommunications
- optical fibres
- hydraulics



- light fittings
- agricultural spraying machinery
- electronic cigarettes
- vending machines
- packaging machinery
- medical equipment
- fire places
- feeding systems

We also undertake welding and plating work.

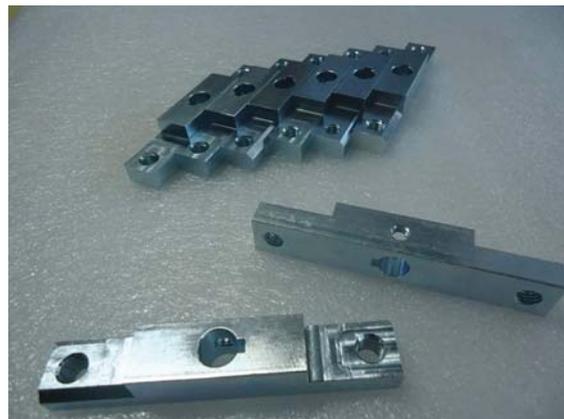
ZENITH is certified by the German certification body TÜV, with quality system EN ISO 9001:2015.

The raw materials we use are steel, stainless steel, brass, plastic bars, aluminium, copper, titanium (in whatever quantity is needed).

At ZENITH, our primary aim is to always to meet our customers' expectations and to guarantee the quality, consistency and reliability of our products.

Up until now, we have exported products to countries such as Germany, Austria, Switzerland, Britain, Italy, Denmark, Netherlands, Sweden, Cyprus, the Lebanon, France and Turkey.

METAL COMPONENTS of high precision since 1957



Company details:

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Website: www.zenith-components.gr

Zhejiang Shenji Titanium Industry Co., Ltd

Zhejiang Shenji Titanium Industry Co., Ltd. was established in March 2008. We specialize in the production and research of titanium and titanium alloy sheets/plates. After ten years' development, with strong technical research and development strength combined with unique craftsmanship, Shenji has become a very international competitive sheets/plates supplier. The production capacity, quality level and cost controls of our titanium alloy thin sheets are at the international leading level, which is also our company's core products.

Speaking of our products, our aviation sheets/plates that are exported to the United States, Europe, India, Taiwan and other countries and regions have nearly doubled the annual sales every year in the past three years, and we are becoming a qualified supplier of Antonov company. In addition, we are also a major exporter of medical titanium alloy sheets in China.

Here, we must also mention our researched grades SJ100 and SJ900. The SJ series alloy independently researched and developed by our company is leading the development direction of the industry in the domestic market. The SJ1100 is being attracted



with interest by sports, leisure, military equipment and other applications direction with its high strength, high plasticity and low cost; however, the SJ900 makes the strip production of medium and high strength titanium alloy sheets possible with better processing performance, and will be mainly used in

automobiles and consumer products in the future.

We will continuously provide our best quality and best service for all customers through our professionalism, our efficiency and our sincerity. We are your trusted titanium producer and partner!



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Stainless Steel World is expanding its presence
in the Middle East



Stainless Steel World Middle East Exhibition
09 -11 March, 2020

in conjunction with



**OMAN
PETROLEUM
& ENERGY
SHOW**

Oman Convention & Exhibition Centre, Muscat, Oman

www.stainless-steel-world.net See: *Events*

Cover Story Gallery



January/February 2018: BUTTING

BUTTING in Knesebeck... Experts in clad piping

The use of mechanically lined pipes represents an economically interesting solution in all areas where high pressures and aggressiveness can be found in the media transported. BUTTING is one of the pioneers of this technology and today exports its clad piping products around the world for some of the most demanding and sensitive applications in the oil and gas industry. Stainless Steel World spoke to Managing Director Thomas Schüller about several exciting and unique developments in the company's product offering; glued mechanically lined pipes, a special mechanically lined pipe and clad pipes with upset ends.



March 2018: TUBACEX GROUP

TUBACEX GROUP; Growing in the value chain

The Tubacex Group, a premium stainless steel tubular solutions partner, has moved forward in the value chain to become a full-service supplier offering advanced stainless steel solutions to the final customer with a value proposal able to cover all the stages of the process: from design to maintenance services, including production or installation services.

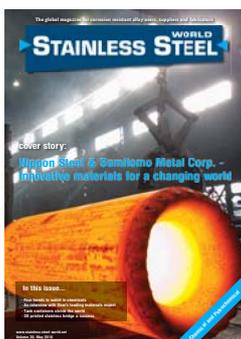
This positioning has been backed up by a solid strategic plan focused on Growth, Diversification, and Excellence in service. Three pillars aimed at providing high technological steel solutions developed in co-creation with customers, increasing the global efficiency of their projects and processes and reducing total costs of ownership, which has involved an important boost to its R&D Strategy and a customer-oriented approach.



April 2018: Nippon Yakin Kogyo

Nippon Yakin Kogyo: demonstrating high performance

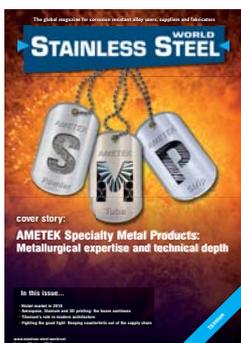
From its humble beginnings making fire extinguishers in 1925, today Nippon Yakin Kogyo Co., Ltd (Nippon Yakin) has evolved into an industry leader in the manufacture of coil and plate in a wide range of materials from general purpose stainless steel to high performance materials such as super stainless, nickel alloy and the like. Nippon Yakin has brought innovation and technology to its products, is dedicated to research and continues its long tradition of creating excellence with a state-of-the-art production system backed by a precision quality system. Stainless Steel World spoke with President and CEO, Hajime Kimura to find out what Nippon Yakin have been up to recently and the company's plans for the future.



May 2018: Nippon Steel & Sumitomo Metal Corp.

Nippon Steel & Sumitomo Metal Corp. – Innovative materials for a changing world

In the three years since Stainless Steel World last featured Nippon Steel & Sumitomo Metal Corp., the market has changed dramatically. The company continues to adapt and innovate and for the years ahead, continuing to strengthen its manufacturing capabilities, as well as the development of products to address the evolving customer's needs. Stainless Steel World met with Mr. Akira Shirakawa, Senior Manager of Marketing & Customer Service at the company's office in Düsseldorf, Germany, to learn more about the company's plans and how it continues to succeed in an increasingly demanding marketplace.



June 2018: AMETEK SMP

AMETEK Specialty Metal Products: Metallurgical expertise and technical depth

AMETEK's Specialty Metal Products (SMP) Division is a leading manufacturer of multiple forms of high performance products, including precision metal tube and strip, foil, high purity powders, and master alloys. Those products are manufactured at six operating facilities in the United States and the United Kingdom and are provided around the world, every day. AMETEK SMP encompasses four of the best-known brands in the industry: Reading Alloys, Hamilton Precision Metals, Superior Tube, and Fine Tubes. Stainless Steel World met with three senior members of the management team to learn more about their growing business: Tom Matway (VP, Sales & Marketing), Brian Mercer (Director, Tube Products and SMP International Sales & Marketing) and Graham Walker (VP, Powder Product Management).



July/August 2018: Mannesmann Stainless Tubes

Mannesmann Stainless Tubes: Investing in partners & innovation to further growth

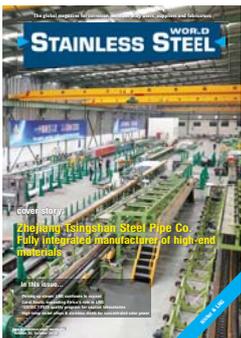
With a global presence and brand recognition in almost every market demanding high quality tubes, Mannesmann Stainless Tubes follows a strategy of continual re-investment to achieve ongoing growth and innovation. Not content to simply enjoy its success in the international marketplace, the company is boldly expanding by embracing partnerships and joint ventures, in addition to strategic acquisitions that allow it to venture into new, high value markets. Stainless Steel World spoke to four of the company's top team members to find out more: Michael Bellinghausen, Group CEO; Christophe Le Rigoleur, Group Managing Director; Cyril Olivier, Managing Director of SOTEP and Vitali Zeis, General Export Manager.



September 2018: Nippon Steel & Sumikin Stainless Steel Corporation

NSSC: Growth and excellence drive ahead globalization plans

Nippon Steel & Sumikin Stainless Steel Corporation (NSSC) is the factual Stainless Steel Division of Nippon Steel & Sumitomo Metal Corporation (NSSMC), and the largest stainless steel producer in Japan. From its production plants across the country, it produces high quality products which satisfy its customers, such as stainless plates, sheets, strips, wire rods and bars in a range of grades. Furthermore, it will take another challenging step forward through the impending integration of Nissin Steel, mean NSSC is about to grow by leaps and bounds. With its local market reaching a maturity in terms of consumption, NSSC is now turning its eyes to the global arena to boost future growth and profits. The company has a well-established policy of focusing on enhancing high end and value-added products. Stainless Steel World flew to Tokyo to speak with Mr. Hitoshi Ito, Representative Director and President of NSSC who explained that this strategy will be continuously scaled in the future.



October 2018: Zhejiang Tsingshan Steel Pipe Co

Zhejiang Tsingshan Steel Pipe Co... Fully integrated manufacturer of highend Materials

As a young dynamic company founded just 15 years ago, Zhejiang Tsingshan is already blazing a trail across the international stainless steel industry. With the support of its parent company Tsingshan Holding Group – the world's largest stainless steel producer – this manufacturer of seamless and welded pipes has rapidly accumulated expertise and is now turning its focus to high-quality materials. Its bold program of expansion, with new production facilities either built or planned across the globe, will allow it to continue capturing market share in a wide range of demanding applications.



November 2018: Kobelco Steel Tube Co. Ltd

Kobelco Steel Tube Co. Ltd: the seamless stainless steel tubes & pipes specialist

As one of the Kobe Steel Group companies, Kobelco Steel Tube Co., Ltd. has a manufacturing base in Shimonoseki City, Yamaguchi Prefecture, manufacturing and selling seamless stainless steel tubes & pipes. The company has an annual seamless stainless steel tubes & pipes production volume of about 16,000 tonnes/year (over 1,300 tonnes/month). Stainless Steel World spoke to company President, Mr. Takashi Onishi, and learned that its high quality products and punctual delivery is highly appreciated by customers both in Japan and overseas.



December 2018: Guild International

New owners focus on high-tech automation at Guild International

This has been a truly landmark year for Guild international, a privately-held company specialized in coil joining equipment for the steel processing, tube producing, and stamping industries. Firstly, 2018 marks the company's 60th Jubilee. Secondly, in February the company was purchased by three long-term employees. Company President Joseph "Joe" Thomas (formally VP of Operations), Chief Financial Officer William "Bill" Maruschak and Vice President of Sales Mark Wagner (formerly Sales Engineer) are the proud new owners. These gentlemen met with Stainless Steel World to talk about this exciting change and how they are passionate about growing the well-respected Guild brand through technical automation and a commitment to quality.

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Stainless Steel World Conference & Exhibition 2019

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Stainless Steel World Japan 2020

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All these companies are listed in
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Acciai Speciali Terni		■	■	■	■		■			■				■		■	■		■		■			
ACNIS International	■	■	■		■	■				■		■	■					■						■
Aerodyne Alloys LLC	■					■				■		■	■	■	■	■	■	■						
AEROMETALS & ALLOYS						■				■		■		■										
AHT Stainless Tube Co., Ltd.,		■			■	■		■			■			■		■		■	■			■		
ARCEO Engineering		■	■				■							■	■	■								
Bercellesi BERINOX s.r.l		■	■		■		■							■		■	■		■		■		■	■
BRISMET					■			■			■	■	■	■	■	■	■		■	■				
Brown McFarlane					■			■				■	■	■	■	■	■	■	■					
BUTTING	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■
Castle Metals	■	■		■	■	■	■	■				■	■	■	■	■	■	■	■					
Corrotherm International Ltd					■	■						■	■	■		■		■				■	■	
Energy Metals Inc.					■		■				■		■	■	■	■	■	■	■					
Fine Tubes	■				■	■				■		■	■	■	■	■	■	■	■		■			
HARALD PIHL	■		■	■	■	■		■		■	■	■	■	■	■	■	■	■	■			■		
Hempel Special Metals GmbH					■	■	■			■			■				■	■		■		■	■	
ID Alloys	■	■		■	■							■	■			■	■	■						■
INVEX AB	■	■	■		■	■	■			■			■			■				■				
LOVERE BILBAO I.		■			■		■				■	■	■	■	■	■	■		■	■				
Mannesmann Stainless Tubes GmbH	■	■	■		■			■	■			■	■	■	■	■	■	■				■	■	
MARCEGAGLIA		■	■	■	■	■	■			■			■	■	■	■	■	■				■	■	■
Merinox B.V.				■	■	■		■	■	■			■	■	■	■	■	■		■		■		
Metalfin Limited		■	■				■					■	■			■	■		■		■	■		
NIPPON STEEL Corporation	■	■		■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■		■	■	
P.A. Inc.	■	■			■			■				■		■			■					■	■	
PM International Suppliers, LLC					■			■			■		■	■	■	■	■	■				■		
Productos Tubulares S.A.U					■	■		■				■	■	■	■	■	■	■				■		
Raccortubi Group	■	■			■			■				■	■	■	■	■	■	■				■		■
Ratnamani Metals & Tubes Ltd	■	■		■	■	■	■	■				■	■	■	■	■	■	■	■			■		
Sandvik Materials Technology	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Shanghai Baoluo Stainless Steel Tube Co., Ltd				■			■	■			■		■	■		■			■			■		
S & N Stainless Pipeline Products Ltd	■			■	■	■		■		■	■	■	■	■	■	■	■	■	■	■		■		
Sankyo & Co Ltd				■	■		■	■					■	■	■	■	■	■				■		
Stalutube Oy			■	■	■		■		■				■	■	■				■					
Steel Dynamics Limited			■		■	■	■					■	■			■		■				■		■
Superior Tube	■				■	■				■		■	■	■	■	■	■	■		■				
TITALIA SPA		■	■		■						■		■	■	■	■	■	■	■					
Tubacex Tubos Inoxidables	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
WT - Westtube, Portugal		■	■	■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wuxi Koror Stainless Steel Co., Ltd.,			■	■	■		■	■				■	■	■	■	■	■	■	■					
Zhangjiagang Huayu Nonferrous Metal Material CO., LTD	■	■			■			■					■	■		■		■				■		■

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