



OXIPLANT

Laser cutting
Oxycutting
High plasma
definition
Plasma cut
Machining
Shears
Welding







Who are we?

Oxiplant is an innovative company which has accumulated plenty of experience and knowledge of its sector, dedicated to the cutting, transformation and sale of metal products, from metal panels to profiles and tubes for industry.

Our main clients are companies in the metal sector, engaged in activities such as making boilers, machining, metal structures, manufacturing equipment, key-in-hand solutions and companies working in the naval and renewable energy sectors.

We offer our clients a service based on quality, rigour and commitment to delivery times, thanks to our qualified personnel and use of the most modern machinery.

Laser cutting services





Laser machine for plates

Some of our machines are equipped with a bevel head for making interior and exterior chamfered edges

Laser cut machines TRULASER 5030 and TECOI LS Disk 6030

Equipped with TRUMPF CO2 laser cutting technology, this offers high productivity and flexibility. It is very suitable for cutting small pieces from fine metal panels.

It can make high quality cuts including perforations and very small pieces in carbon steel, stainless steel and aluminium plate.

Laser marking

We have five machines, some of which are equipped with a bevel head for making interior and exterior chamfered edges, in both straight and curved pieces. It also includes a system for laser marking.

Size of cut	Trulaser 5030	Tecoi 6030
Width of cut	3150 mm	1500 mm
Length of cut	6200 mm	3000 mm

Maximum cutting capacity

Carbon steel	0,5 - 20 mm	0,5 - 12 mm
Stainless steel	0,5 - 20 mm	0,5 - 10 mm
Aluminium	0,5 - 15 mm	

Laser cutting services



Laser machine for plates

Laser cutting of large panels

Equipped with the latest in solid state laser cutting technology "YAG" by TRUMPF, we offer our clients precision cutting and finishing at very competitive prices. This type of compact solid state laser generates a laser beam which is guided to the machining position via optical fibre cable; with 6600 watts of power and a bench measuring 16 metres, you can cut considerable thicknesses in the most challenging working conditions, with best results in materials which are highly reflective and have increased thermal conductivity such as aluminium and copper, and is especially recommended for cutting large and thick pieces which require very fine edges.

Size of cut

Width of cut	3150 mm
Length of cut	16500 mm

Some materials and cutting thicknesses

Carbon steel	0,5 - 20 mm
Stainless steel	0,5 - 20 mm
Aluminium	0,5 - 16 mm
Copper	0,5 - 8 mm





Tube laser machine



Laser tube

We have TRUMPF TUBEMATIC machinery, which is specially intended for the totally automated machining of tubes and profiles, with enough versatility to create grooves and complex shapes in square or round section tubes.

One of its main characteristics is its capacity for high quality cuts in carbon steel and stainless steel, leaving clean surfaces without oxides or burrs.

The machines are equipped with automatic raw material feeders, as well as the specific tube cutter software TruTops Tube to optimise operation, reduce the manufacturing time and to adapt to the requirements of the job in hand.

Cutting capacity

Maximum wall thickness	6,4 mm
Maximum diameter or diagonal	150 mm
Maximum length of raw material	6500 mm
Maximum output length	6000 mm

Plasma cutting services »





Cutting machine using high definition plasma

High definition plasma cutting

Cutting with high definition plasma of any type of carbon steel, as well as stainless steel and aluminium, guaranteeing maximum precision finishes.

Our machinery incorporates the engraving service to facilitate work on folding guidelines, boiler work designs, etc.

Machining and threading by chip removal



Maximum cutting capacity

Cutting area	3.150 mm × 24.200 mm
Cutting capacity for both carbon steel and stainless steel:	
• Maximum perforation / 50 mm	50 mm
• Maximum severance (starting from an edge)	80 mm
It enables bevelling to a maximum angle of 50°	
Maximum drilling capacity	ø40 mm
Maximum threading capacity	M20

Oxy cutting





Oxy cutting

Our machinery incorporates the engraving service to facilitate work on folding guidelines or boiler work desing

Oxy cutting

Oxy cutting carbon steel panels with numerical control using a plan, CAD file or client specifications.

The panel can be provided or drawn from the client's own supply, with guaranteed traceability of all parts, as well as the removal of burrs from the edges of the same.

Maximum cutting capacity	4000 × 14000 mm
Minimum/maximum cutting thickness	6 - 300 mm



Bevelling and bending »





Panel bevelling

Beveling by removal (mechanised) and thermal in different degrees and forms (K, X,...) according to client requirements.

Panel bending

High-precision bending processes which comply with high quality criteria, guaranteeing maximum durability with quality finishes.

Our TRUBEND 3100 and AXIAL H Syncro 354 panel benders offer results with comply with even the most demanding requirements.

Maximum bevelling capacity

Maximum chamfer W	60 mm
Minimum panel width	100 mm
Minimum panel length	250 mm
Panel thickness	10 - 70 mm
Chamfer angle	20° + 50°

Maximum bending capacities

Trubend 3100 Press Brake	
Pressing force	1000 KN
Bending length	3060 mm
Axial H Syncro 354 Press Brake	
Pressing force	3500 KN
Bending length	4080 mm

Stock and installations



Installations

Large amount of plate metal in stock

We have a large supply of metal in stock in order to supply clients with the quality and material they need at all times.

We always have metal panels available: Carbon steel from a bobbin with thicknesses of between 1-12mm, in S235JR, S275JR, S355JR qualities... Pickled metal panels, galvanized, domex, etc. Hot-rolled laminated carbon steel panels between 6-250 mm, S275JR, S355JR, S355J2. Corten panels, anti-wear steel, naval quality.

Stainless steel panels at Aisi304 and Aisi316 quality. All our pieces are supplied with a corresponding quality certificate, and our metal storage system, quality control and work procedures mean that we can ensure the traceability of the pieces in our production process.

Installations

We also have premises measuring 6500 m², equipped with several gantries of up to 32 tons where the client can provide the material, if desired, for storage and later transformation.

To move and handle large format panels we have electro-magnets (TECNO-MAGNETE) for magnetic materials, and lifting beams with suction cups for non-magnetic materials.





Housekeeping is also quality. That's why we care for our facilities as much as possible, ensuring every machine complies with the necessary safety requirements and each element is as it should be.

Oxiplant also enables the possibility of giving pieces the transformation and finish necessary to facilitate work and can provide finished pieces.

Marking

Whether by plasma or laser or by centre-punch, pieces can be marked to ensure their later identification before the finishing process, for transferring marked pieces or ensuring the traceability of the same.

Folding

Pieces up to 4000 mm in length and 12 mm thick.

Machining and Threading

To ensure high precision orifices, as well as the required surface finishes and full threading. We also make special and commercial threads.

Welding

Pieces, either in series or not, are made to client specifications, with semi-automated welding.

Bevelling

Preparation of the edges of pieces by using oxy-cutters, lasers or portable milling tools, depending on the thickness of the panel and the tolerances, to ensure a perfect finish for any chamfer, allowing clients to easily perform further welding work.

Strapping and packing

All our finished pieces are dispatched, unless otherwise stated, strapped and packed on pallets to ensure that they arrive at their destination in perfect condition. All pieces are also clearly identified, and cleaned of all marks and burrs.

Heat treatment



Quality - certified

Our quality system is certified by Lloyd's Register in accordance with standards ISO 9001:2015, 14001:2015 as well as our thermal cutting system is certified with standard EN 1090-2: Exc3.

The fundamental aim of Oxiplant is to provide its clients with a service based on quality, rigour and commitment to delivery times. We therefore base our efforts on continuous improvement using methods to monitor our main processes.



EN1090-2:
Exc3

Lloyd's
14001:2015

Lloyd's
9001:2015



At Oxiplant we seek to establish long-term cooperation with our clients, generating mutual trust and coordination that leads to success through teamwork. We offer metal manufacturing services based on our long experience and ample knowledge of the industrial sector. The quality of our products is a key factor in the success of all our clients.

Capacity

As a result of our continued development and progress, Oxiplant has consolidated as a supplier that has earned the trust of many Spanish and European companies who work in a range of industrial fields.

Our technical office also offers a full manufacturing and transformation service, because not only do we take responsibility for the productive process, but also we can offer our clients full support in all stages of product development.

- Technology
- Professionalism
- ERP/CRM System
- Quality control
- Continuous development
- Experience of cooperation
- Financial stability
- Location

Values

At Oxiplant we know that only work based on cooperation with a long-term objective and mutual trust during the development of the projects will generate success. We offer metal transformation services using the latest technology, accompanied by our wide experience of industrial sectors. The quality of the plate metal components supplied by Norsider is a key factor in our clients' success.

- Experience in supplying major multinational companies
- Processing machinery with advanced technology
- Highly skilled professionals
- Extensive implementation of the quality system
- Flexibility to respond to clients' needs
- Commitment to building long-term relations
- Just in time



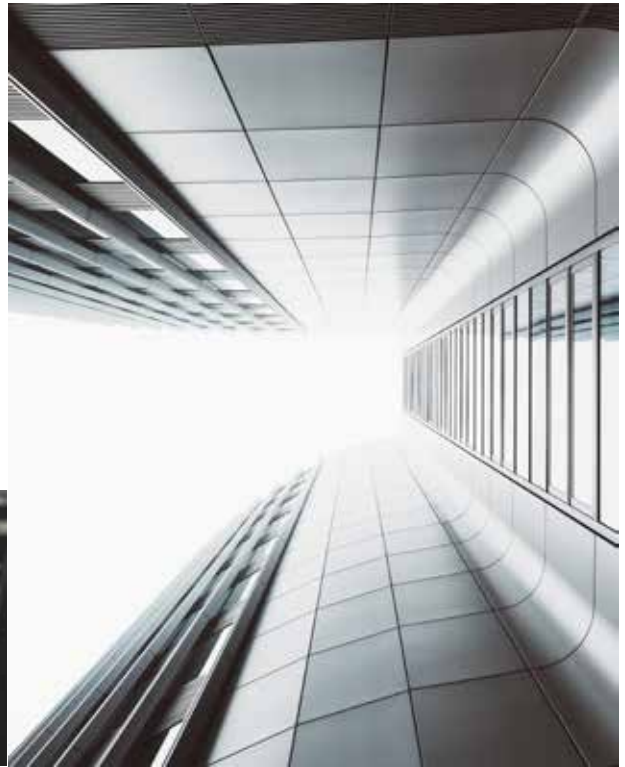
Future

We work in the present but always looking towards the future. That's why we incorporate technological advancements in our processes, that facilitate better control of each production phase and compliance with quality standards in the sector.

Today's industry solutions

We implement complete, modern production management systems which enable us to prepare client orders within the required timeframe.

Lantek, a solution which enables us to manage working teams, remotely.



Our sectors

- Automotive Industry
- Wind Power
- Photovoltaic
- Petrochemical
- Structures
- Naval
- Access walkways

Innovation

Our sector is continuously evolving and we believe in a business model which develops each day in order to provide new industry solutions and ensure the existing ones comply with the highest demands of each sector.

Oxiplant attends many of the trade fairs in the sector which are hosted both on a national and international scale, where we present our latest developments and contact others which enable us to continue progressing.





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