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**Plasma cutting, saw cutting, water jet cutting,
 trading of stainless steel quarto plates
 and nickel alloys**



Certified
 ISO 9001:2008
 OHSAS 18001:2007



PLASMA CUTTING

The material is cut by melting the edge of the item. A jet of gas at ultra high temperature is used to melt it, producing a 3/4 mm cut. This technology guarantees a clean, high-quality cut with little tapering. Cutting can be done completely submerged under water, semi-submerged or in air. High-definition cutting available (8 ÷ 40).

Maximum size: 3000 x 6000 mm. / 2000 x 12000 mm.

Maximum thickness: 150 mm.

Type of cut: all shapes.

Numerical Control Machines.

SAW CUTTING

The material is cut by sawing the sheet metal with a toothed blade. This technology guarantees a perfectly perpendicular cut and a high finish; it also minimizes any changes in the mechanical specifications of the material. Particularly suitable for the supply of plates in bespoke sizes.

Maximum size: 2000 x 8000 mm. / 2500 x 6000 mm.

Maximum thickness: 150 mm.

Type of cut: vertical and horizontal.

Numerical Control Machines.

WATER JET CUTTING

The material is cut using a high-pressure jet of a mixture of water and abrasive material. Thanks to this cold cut process the chemical and physical characteristics of the material do not undergo any alterations, so a top-quality cut is achieved.

Maximum useful cut size: 3000 x 6000 mm.

Maximum thickness: 150 mm.

Type of cut: all shapes.

TRADING

We normally have a wide range of materials in stock to guarantee prompt delivery of quarto plates. Various sheet metal sizes are available depending on the type of grade; the maximum width is 3000 mm, length 12000 mm and thickness 150 mm.

STAINLESS STEEL

AISI	EN/DIN		Max. Thickness (mm)
304	1.4301	X 5 CrNi 18-10	150
304L	1.4307	X 2 CrNi 18-9	150
304H	1.4948	X 6 CrNi 18-10	50
310S	1.4845	X 8 CrNi 25-21	50
316	1.4401	X 5 Cr Ni Mo 17-12-2	150
316	1.4436	X 3 CrNiMo 17-13-3	60
316L	1.4404	X 2 CrNiMo 17-12-2	150
316L	1.4435	X 2 CrNiMo 18-14-3	60
316Ti	1.4571	X 6 CrNiMoTi 17-12-2	100
321	1.4541	X 6 CrNiTi 18-10	120
321H	1.4878	X 10 CrNiTi 18-10	100
347 / 347H	1.4550	X 6 CrNiNb 18-10	60
410S	1.4000	X 6 Cr 13	100

SPECIAL STAINLESS STEEL

MATERIAL	UNS	EN/DIN		Max. Thickness (mm)
Duplex	S31803/S32205	1.4462	X 2 CrNiMoN 22-5-3	100
Super Duplex	S32750	1.4410	X 2 CrNiMoN 22-7-4	60
Super Duplex	S32760	1.4501	X2 CrNiMoCuWN 25-7-4	70
904L	N08904	1.4539	X1 NiCrMoCu 25-20-5	60
254	S31254	1.4547	X1 NiCrMoCuN 20-18-7	30

NICKEL ALLOYS

MATERIAL	UNS	EN	ASTM	Max. Thickness (mm)
Alloy 400	N04400	2.4360	B127	2÷25
Alloy 625	N06625 Gr. 1	2.4856	B443	2÷50
Alloy 28	N08028	1.4563	B709	30
Alloy 825	N08825	2.4858	B424	2÷60
Alloy 800/800H	N08800/11	1.4958/1.4876	B409	5÷20

