

CSM Benelux

Following the growth achieved over the last few years, CSM has become a leader in the sector of plasma and mechanical cutting of thick stainless steel alloy sheets, and is now a reference point for industrial customers belonging to a wide variety of sectors (i.e. petrochemical, chemical, packaging, pharmaceutical, naval, water treatment, nuclear, etc.).

The great attention placed on technological innovation, the experience and know-how in the stainless steel and metal industry, the capacity to cultivate consolidated relationships with a wide variety of different customers and the capacity to replicate the business model on high-potential international markets, make CSM a leading company in the reference sector with high prospects of growth and development in a strongly expanding market.

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 8000 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: 2500 x 8000 mm.

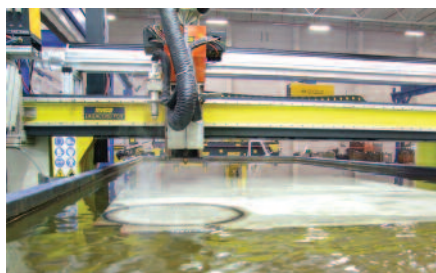
Maximum thickness: 150 mm.

Type of cut: vertical and horizontal.

Numerical Control Machines.

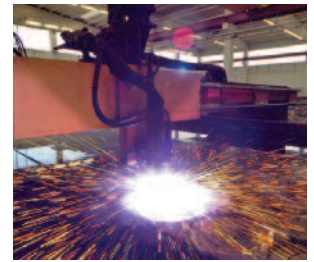
WATER JET CUTTING

The material is cut using a high-pressure jet of a mixture of water and abrasive material. Thanks to this cold cut process the



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 CrNiMo 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	50
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	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	60
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	25
Alloy 625	N06625 Gr. 1	2.4856	B443	50
Alloy 28	N08028	1.4563	B709	30
Alloy 825	N08825	2.4858	B424	50
Alloy C276	N10276	2.4819	B575	12

chemical and physical characteristics of the material do not undergo any alterations, so a top-quality cut is achieved.

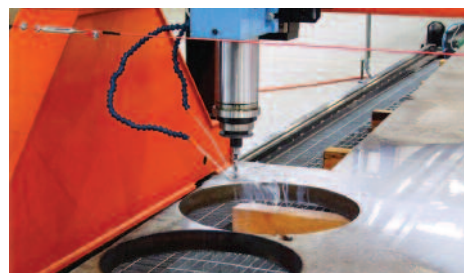
Maximum useful cut size: 3000 x 8000 mm.

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 8000 mm and thickness 150 mm.



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