



SPECIFICATIONS

FLAT PLATE AND SHEET CUTTING CAPACITY

THICKNESSES	Mild Steel	0.9 mm - 20 mm*
	Stainless Steel	0.9 mm - 20 mm
	Aluminium*	0.9 mm - 12 mm
	Bisalloy	6 mm - 20 mm
MAXIMUM DIMENSIONS	Width	1500 mm
	Length	3000 mm [☆]
ACCURACY [◇]	Position Deviation	+0.1 mm

TUBE CUTTING CAPACITY

CLAMPING DEAD AREA [♣]		300 mm
MAXIMUM DIMENSIONS	Part Length	2800 mm
	Tube Length	6000 mm
	Tube Weight	200 kg
TUBE DIAMETER	Minimum	20 mm
	Maximum Through	142 mm
	Maximum	414 mm
WALL THICKNESS	Mild Steel	12 mm
	Stainless Steel	5 mm
	Aluminium	4 mm
ACCURACY [◇]	Centre Position Repeatability	0.05 mm
	Maximum Position Deviation	0.05°
MAXIMUM REVERSE BACKLASH		0.02°

PART DRAWINGS & ARTWORK FILES

We accept a number of different file formats for supply of part drawings and/or artwork, however some formats may require conversion that will incur an additional fee. Where possible, we recommend supply of drawings or artwork in the preferred format only. A programming fee may be charged for drawings supplied without sufficient dimension; without sufficient information or part profiles supplied not as drawings. Costs will depend on the complexity of work required to develop the drawing file.

Preferred file formats for part drawings or artwork (requiring no additional conversion):

FLAT PARTS	.dxf	AutoCAD
	.dwg	AutoCAD Drawing Database
	.pdf	Adobe Acrobat Portable Document Format
TUBE PARTS [⊕]	.dxf	AutoCAD
	.dwg	AutoCAD Drawing Database

Drawing files supplied must be supplied with the parts scaled 1:1 or with an indication of scale.

Other accepted files formats for drawings or artwork

OTHER FORMATS	.eps	Encapsulated Post Script
	.ai	Adobe Illustrator

DRAWING ASSISTANCE OR CONVERSION

For assistance in drafting or converting your part drawings into a compatible file we recommend:

Ben Morresini
Morresini Design
T +61 8 8557 8317
F +61 8 8557 8317
M +61 407 722 320
www.morosinidesign.com.au
info@morosinidesign.com.au

Please note:

* special grades can be cut to 25mm

* some grades of Aluminium can not be laser cut

☆ Parts up to 4000 mm can be cut but require special processing

◇ As specified by Trumpf

♣ The Clamping Dead Area is required to maintain clearance between the cutting head and the clamp jaws. This length of the tube cannot be cut but is required to hold the tube in the jaws for processing. This length should be added to the part length to calculate the length of material required.

⊕ Drawings for tube parts should be supplied as flat pattern drawings fully dimensioned. Fully dimensioned drawings of tube parts will be accepted for quoting if supplied as Adobe Portable Document Format (filename extension .pdf) files.

Molnar Laser

1-11 Wood Avenue Ridleyton South Australia 5008

T 08 8340 8607 **F** 08 8340 8914 **E** sales@molnarlaser.com.au **W** www.molnarlaser.com.au

precision metal cutting