

Profi-Line Plasma

CNC Plasma Cutting

**The cost-effective plasma cutting solution:
CNC CUT Smart**

Low space requirement but all benefits of a plasma cutting table. Easy to install and to maintain. Start directly working with the supplied software.

**Only
1.5 x 1.5 m
required
space**

Control with
USB interface



Productvideo

Optional:
- Libellula® Wizard 3 nesting
software for PC



Create your template on your
PC and just transfer it to an
USB-stick....

*All CNC plasma systems are delivered without oxyfuel equipment!

Material cutting thickness from 0,3 mm to 30 mm possible

Three cutting modes for different thicknesses one-button switching on the control panel

- Pneumatic height adjustment mode plasma cutting thin plate
- Arc voltage high mode plasma cutting medium thin plate
- Capacitor height adjustment mode flame cutting thick plate (optional)



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Model	CNC CUT Smart		
Supply voltage	230V, AC/110V AC, 50/60 Hz		
Running speed	0 - 20.000 mm/min		
Effective cutting rang	1.300 mm x 1.300 mm	1.300 mm x 2.500 mm	1.500 mm x 3.000 mm
Cutting speed	0 - 6,000mm/min		
Cutting tolerance	± 0,3 mm (with standard plasma unit)		
Positioning accuracy	0,3 mm		
Repeat positioning accuracy	< 0,4 mm		
Height control	THC		
Dimensions (LxWxH) mm	1.818x1.950x1.361	3.018x1.950x1.361	3.518x2.150x1.361
Cutting thickness	0,3 mm - 15 mm	0,3 mm - 30 mm	0,3 mm - 30 mm
Weight	400 kg	650 kg	750 kg
Cross beam	Aluminium (60x145)		

Optional Air dusting table or water table for CNC Plasma Cutting

We provide customers with two types of high-efficiency dust-removing loadbearing tables.

Option 1: Water table absorbs metal residues through water, effectively reducing dust.

Option 2: Air dusting table the load-bearing table and dust collector are connected through an additional down-flow system to achieve a perfect dust removal effect.



Air dusting table
1.500 x 3.000 mm
max. Workpiece
thickness 30 mm

Productvideo



Water table / Air dusting	1.300 x 1.300 mm	1.300 x 3.000 mm
max. Workpiece thickness	0,5 mm - 30 mm	0,5 mm - 30 mm
Needed external dust collector	≥ 5.5 kw	≥ 5.5 kw
with Segment extraction table	without	only with (item 02.02.53.01530)
Item no.	02.02.52.01315	—

Note

CNC Plasma Cutting unit Avalon 120 and
Avalon 160
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