

Printers and software

EMS-2 Engraving Unit

The EMS-2 plotter makes it happen. Engraving and plotting combined in a single device.

The plotter EMS-2 is converted within minutes to an engraving machine. The pen unit on the plotter arm is replaced by the spindle unit; the vacuum cleaner and controller are connected to the plotter and spindle.

The software **CONTA-SIGN** controls both plotter and engraving options – there is no need to adapt to new software.



Engraving Unit accessories

Graver

Made from solid carbide, the gravers are characterised by their long service life. Six different engraving widths are offered. The gravers can be supplied singly or in sets.

Cutting fluid and alu-oxide

In order to optimise the engraving result, an appropriate amount of cutting fluid should be used when engraving aluminium.

Cutting fluid also serves to cool the graver, which in turn increases its service life.

When engraving aluminium cards, we recommend that you use the cutting fluid Survol (Cat. no.: 1685.0). The oil is applied to the cards with a brush. You can darken the anodised markers retrospectively by using the acid 'alu-oxide' (Cat. no.: 1686.0).

Adhesive inlay

The inlay CCI-8 is used to fix the engraving cards onto base of the plotter.



Printers and software

Technical data EMS-2 Engraving Unit consisting of	
Graver spindle	
Frequency	min. 5000 RPM, max. 50.000 RPM
Frequency	6 Ncm
Power input	120 W
Collet	Shaft diameter 3 mm
Cooling	Self-ventilated by integrated fan
Field of application	Exclusively for engraving
Engraving controller	
Voltage input	110-240 V x 50-60 Hz
Dimensions	180 mm x 250 mm
Weight	Approx. 2.9 kg
Engraving vacuum cleaner	
Weight	350 mm x 250 mm Approx. 4.6 kg

EMS Engraving Unit		
Cat. no.	Type	Qty.p.pck.
1621.0	EMS-Engraving Unit Engraving module for EMS-2 plotter incl. spindle, controller, vacuum cleaner and graver 0.4 mm	1

Accessories EMS-2 Engraving Unit		
Cat. no.	Type	Qty.p.pck.
1623.0	Graver 0.2	1
1624.0	Graver 0.3	1
1625.0	Graver 0.4	1
1626.0	Graver 0.5	1
1627.0	Graver 0.7	1
1628.0	Graver 1.0	1
1629.0	Graver Set (0.2; 0.3; 0.4; 0.5; 0.7; 1.0 mm) incl. package	1
1685.0	Survot cutting oil 500 ml cutting oil for aluminium	1
1686.0	Alu-oxide 100 mm acid for darkening of anodised aluminium markers	1
1604.0	CCI-8 inlay for engraving materials	1

Thermo transfer printer TTP

The *thermo transfer printer TTP* was designed specially for marking solutions in systems and switchgear cabinet applications. Impressive print quality is guaranteed by the high print resolution. Together these features make it suitable for printing high-quality **CONTA-CLIP** device and cable labels.

- Printing speed and robustness mean the TTP printer is ideal for industrial applications
- High print resolution guarantees an impressive print quality
- Faultless centring of the print on each and every label thanks to automatic positioning in the plotter
- Automatic label feed ensures no waste of labels

