

Robust, programmable cutter for integration into the digital workflow with 18.5" touch-screen display, barcode reader, Compucut® and process visualization.

Customer benefits

- Barcode reader for automatic cutting program creation and loading of the assigned program via Compucut®
- Process visualization for the graphical display of the material handling to minimize the risk of errors
- Machine frame with optimized stability for optimum absorption of cutting forces and greatest cutting accuracy
- Minimal maintenance requirements due to the use of novel materials



Description of the machine

The cutter MOHR 80 is designed for one-shift operation. The precise and gentle swing cut is carried out hydraulically. Thus, the time of the knife spent in the lower dead end can be adapted to the material. The ultra-smooth stainless table surface equipped with air jets allows an easy handling of the material. Within a wide setting range the clamping pressure can be adjusted infinitely to each cutting material by means of a turning knob with scale. Bright LEDs mark the cutting line clearly visible for the operator.

The operation of the machine is done via an ergonomically positioned 18.5" touch-screen display. Recurring cutting sequences can be memorized (memory capacity 1,998 programs) and adapted at any time. Integrated in the digital workflow the cutting data is taken over directly from pre-press into Compucut® as ppf- or jdf-file. Then Compucut® generates automatically the cutting program. To start the cutting program automatically the machine is equipped with a barcode reader. Hence, the set-up time can be reduced to nearly zero. With the process visualization the handling of the material is displayed graphically and so the risk of errors significantly downsized. To optimize the cutting quality the pre-clamping time can be adjusted according to the material.

Technical data

Cutting width	800 mm 31.49 in
Feeding depth	800 mm 31.49 in
Feeding height max.	100 mm 3.93 in
Clamp pressure min.	180 daN 397 lbs
Clamp pressure max.	2,700 daN 5,953 lbs
Backgauge speed on return way (0 - ...)	130 mm/sec 5.12 in/sec
Smallest cut, automatically, without false plate	15 mm 0.60 in
Smallest cut, automatically, with false plate	50 mm 1.96 in
Dimensions (w x d x h)	1,430 x 1,970 x 1,500 mm 56.29 x 77.55 x 59.05 in
Weight	900 kg 1,984 lbs
Electrical power input (apparent power)	4.0 kVA
Voltage supply (rotary current) 200V-240V 50/60 Hz/Fusing	3 x 25A
Voltage supply (rotary current) 360V-420V 50/60 Hz/Fusing	3 x 16A