

Robust, programmable cutter with hydraulic drive and 5,5" monochrome display.

## Customer benefits

- Extensive programming options with a memory capacity of 198 programs
- Easy knife change with automatic interruption in the lower dead end and knife fine adjustment from the front
- 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 control panel with 5.5" monochrome display and additional membrane keypad. Recurring cutting sequences can be memorized (memory capacity 198 programs) and adapted at any time. The creation of the cutting programs is done either manually or menu-driven and intuitively via block programming. 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<br>50/60 Hz/Fusing | 3 x 25A   |
| Voltage supply (rotary current) 360V-420V<br>50/60 Hz/Fusing | 3 x 16A   |