

Cutting Machine D 115 PLUS

Hydraulic cutter with 18.5" touch-screen display
and process visualization



Description of the cutter D 115

The cutter POLAR D 115 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 and adapted at any time. For this you have a memory capacity of 1,998 programs. 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. Optionally, the machine can be integrated into the digital workflow via P-NET Compucut®.

Customer benefits

- Process visualization for the graphical display of the material handling to minimize the risk of errors
- Greatest cutting accuracy due to the POLAR-Positioning-System DPS
- Extended operating life of the knife as well as faster knife change thanks to POLAR OptiKnife with knife fine adjustment in the lower dead end
- Machine frame with optimized stability for optimum absorption of cutting forces and greatest cutting accuracy

Technical data

Cutting width	1,150 mm 45.28 in
Feeding depth	1,150 mm 45.28 in
Loading height max.	165 mm 6.50 in
Safety clamp pressure	30 daN 397 lbs
Feeding height max.	165 mm 6.50 in
Clamp pressure min.	30 daN 66 lbs
Clamp pressure max.	180 daN 397 lbs
Backgauge speed on return way (0 - ...)	130 mm/sec 5.12 in/sec
Smallest cut, automatically, without false plate	25 mm 0.98 in
Smallest cut, automatically, with false plate	95 mm 3.74 in

Further technical data are available for download on our website.



Edition: 05.2019 \ Subject to technical alterations.