

Flow form drilling machine with intermediate table

Drilling technology medium format

Item no.: 220.115

EAN number: 4251762500390

The LED technology integrated as standard ensures an optimally illuminated work area and good visibility for precision work, which can be operated via the switch. Flow forming is used to produce pull-throughs in thin-walled metallic materials.

The flow forming process produces a bushing from the existing nut material by forming. This material extension increases the number of load-bearing threads by a factor of three to five. The material is not machined, but used to produce load-bearing connections.

Important parameters such as speed and target drilling depth can be set via the control panel. The integrated OLED display clearly shows the current settings and operating statuses. You can switch between drilling and tapping mode at the touch of a button and program it intuitively.

The desired drilling depth and therefore the stroke can be set easily and ergonomically using the drilling depth stop. The height is adjusted by adjusting the table using a toothed rack.

Maximum work safety is ensured as standard by drilling protection with electrical fuse and emergency stop switch. A spindle stop function can also be activated.



Additional information



Watch the YouTube video

To the operating instructions

Technical data
Flow form drilling machine



Drilling depth (mm)	100
Tapping performance (depending on pitch)	M12
Flow forming capacity with 3 mm sheet thickness	8
Spindle speed infinitely variable (1/min)	40 - 4000
Spindle	MK2
Speed indicator	digital
Drilling depth indicator	digital
Drilling depth stop	Quickly adjustable stop ring with scale
Feed rate (mm/revolution)	by hand
Table height adjustment	with rack
Three-phase motor – frequency-controlled, mains connection 400 V (kW)	1,5
Continuous/normal drilling capacity (mm)	20/23 (in E335/ST60)
Projection (mm)	240
Column diameter (mm)	82
Usable work surface (W x L) (mm)	340 x 280
Distance spindle/working surface (mm)	160 - 880
T-slot size (arm), distance (mm), dimension width (mm)	Number 2, 125, 13/26
Machine dimension without packaging (mm)	355 x 705 x 1.825
Machine Dimension with Packing (mm)	572 x 936 x 2.142
Weight (kg)	195

Standard equipment

- Threading device
- Control panel with OLED display
- Robust, high-quality drill head hood with ergonomically inclined front
- LED lighting
- Quickly adjustable and ergonomic drilling depth stop
- Infinitely variable speed control via central rotary knob
- EMERGENCY STOP push button
- Thermal overload protection
- Spindle stop
- Drill protection with electrical protection
- Connection cable with CEE plug
- 3-year warranty for single-shift operation