

Manufacturer of universal milling and drilling machines

FPS Werkzeugmaschinen



FPS 620M-plus

User-friendly, high-quality
 universal milling and drilling machine

New Machine
 with hydraulic
 tool clamping system

Item number : **106201**

Display

Applictaion

Technical Data

Heidenhain TNC 128 straight cut control with swiveling control panel

Comfortably operated Heidenhain TNC 128 straight cut control with pocket and drilling cycles, bolt hole circles and point marking. Tool memory for up to 100 tools with tool compensation and program memory for several programs.

Axis travel 620 / 350 / 400 mm X / Y / Z

Tool holder SK40 DIN 69871

Clamping system Hydraulic clamping system
 DIN 69872 (standard) / DIN 2080 (option)

Work spindle Vertical and horizontal.
 Vertical manually telescopic 80 mm
 Milling head manually tiltable +/- 90 ° (180°)

Speed range 0 – 4500 rpm stepless with potentiometers adjustable. 2-stage high torque main transmission with automatic gear shifting.

Feed Stepless adjustable
 digital feed motor 0 -2000 mm/min

Rapid traverse 5000 mm / min – stepless adjustable

Fixed table 820 x 420 mm; max. load 350 kg

Switch cabinet electronics

CE-compliant switch cabinet electronics in accordance with the current regulations of the trade insurance associations
BGVA 3 / DIN-EN 60204-1

Safety / brake motor

When the speed stops, the milling spindle comes to an immediate standstill.

Options

Electronical handwheel
Overarm
Splash protection cabine
Minimum quantity lubrication
Special painting, etc.

Space requirements – Connection values

Machine weight 1770 kg incl. fixed table, milling head and switch cabinet

Splash protection cabine 150 kg

Space requirements 2435 x 1875 x 2000 mm W / D / H

Mains connection 3 x 400 VAC 50 Hz

Power consumption 17 KVA

Max. Back-up fuse 35A NH

Electrical supply TN-S / fixed connection

Max. fuse 25 A



**According to new machine
EN / ISO standards**

EN ISO 12100, EN ISO 13857, DIN EN 13128:2009-09,
EN ISO 13850, EN ISO 13849, EN 60204-1