

Manufacturer of universal milling and drilling machines

FPS Werkzeugmaschinen

FPS 620M NC

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

New Machine
 with hydraulic
 tool clamping system

Item number : **106202**



Control

Heidenhain TNC 620 FS CNC-control with swivelling control panel

Application

Comfortably operated Heidenhain TNC 620 FS CNC-control with pocket and drilling cycles, hole circle and point marking. Tool memory for up to 100 tools with tool compensation and program memory for several programs.

Technical Data

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
Rinsing pistol
Overarm
Machine Type Switchover
Minimum quantity lubrication
Special painting, etc.

Space requirements – Connection values

Machine weight 1970 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 V AC 50 Hz

Power consumption 17 KVA

Max. Back-up fuse 35 A 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