



FPS 620M-NC

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

n e w m a c h i n e
with hydraulic
tool clamping

Item number : **6202**

Display

Heidenhain TNC 620 contouring control with swiveling control panel

Application

Convenient to operate Heidenhain TNC 620 contouring control with pocket and drilling cycles, bolt circle and point patterns. Tool memory for up to 100 tools with tool compensation and program memory for multiple programs.

Technical Data

Axis travel

X / Y / Z 620 / 350 / 400 mm

Tool holder

SK40 DIN 69871

Clamping system

Hydromechanic clamping system
DIN 69872 (Standard), DIN 2080 (Option)

Cutting spindle

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

Milling arm

Additionally displaceable by 150 mm.
This increases the X - Y working area to 620 x 500 mm.

Speed range

0 – 4500 U/min infinitely variable with potentiometer, 2-stage, high-torque main gearbox with automatic gear change

Spindle performance

5,5/7,0 kW 100%/25% ED

Feed

Stepless adjustable digita feed motor: 0 -2000 mm/min

Rapid traverse

5 m/min – stepless adjustable

Fixed table

800 x 480 mm max. load 350 kg

Options

Electric handwheel	Tool calibration system
Horizontal cutting spindle	Rinsing gun
Overarm with counterbearing	Minimum oil machining
Changeover machine type	Special paint coating

Connection values

Mains connection	3 x 400 V AC 50 Hz	
Electrical supply	TN-S/	
Vonnection method	Fixed connection	
Power consumption	17 KVA	
Nominal current	25 A	Max. Fuse 35 A NH

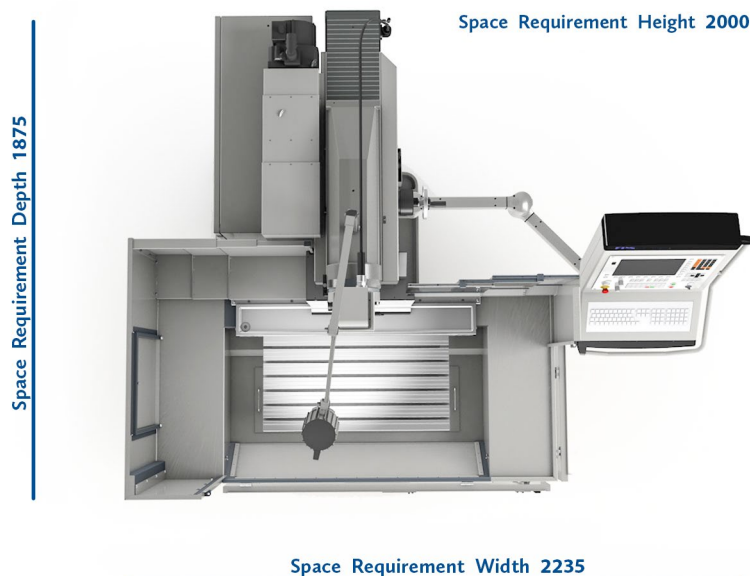


After new machine EN / ISO Standards / Machine class 1

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

Space requirements

Machine weight	1970 kg incl. fixed table and milling head
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*Data without required safety distances