

Machining center FEHLMANN PICOMAX 80

State	USED
Category	Machining centre
Brand	FEHLMANN
Model	PICOMAX 80
Serial number	15195495
Year of manufacture	1995
Inventory number	0562



CHARACTERISTICS

[Video of the machine](#)

CNC control HEIDENHAIN type TNC 407 / 415
With automatic tool changer 32 positions.

Working capacity

X axis 700 mm
Y axis 315 mm
Z axis (spindle) with CNC 172 mm
manually 180 mm
W axis (drilling head) 495 mm

Feeds

X and Y axes 1 to 9000 mm/min
Z axis 1 to 4000 mm/min
W axis 1 to 4500 mm/min
Rapid feed X and Y axes 9 m/min
Rapid feed Z axis 4 m/min

Measuring system

X / Y / W linear scales
Z encoder
Resolution 0,001 mm (all axes)

Table

Surface 1230 x 410 mm
T-slots 7
Width of T-slots 12H 8m

COMPOSITION AND ACCESSORIES

RENISHAW measuring system
4 collets holders ESX-16
4 collets holders ESX-16 long execution
set of 12 collets ESX-16
15 collets holders ESX-25
5 collets holders ESX-25 long execution
set of 29 collets ESX-25
10 collets holders ESX-32
set of 26 collets ESX-32
set of keys for various collets holders
3 milling arbors dia. 16 mm
3 milling arbors dia. 22 mm
2 milling arbors dia. 27 mm
3 milling arbors dia. 32 mm
2 WELDON arbors dia. 10 mm
3 WELDON arbors dia. 12 mm
2 WELDON arbors dia. 16 mm
7 WELDON arbors dia. 20 mm
1 WELDON arbor dia. 28 mm
2 reduction sleeves MT1
5 reduction sleeves MT2
3 reduction sleeves MT3
centering device with dial indicator
drill chuck 0 -10 mm
2 boring heads KAISER 2 -32 mm
coolant system complete
full guarding
machine lamps
central lubrication

Distance between T-slots 50 mm
Max. weight on table 250 kg
Distance from table to spindle 65 to 660 mm
Distance from spindle to column 370 mm

Spindle

Nose SK 30 / DIN 68971 A
Clamping DIN 69872
Hydraulic clamping 5000 N
Speed stepless adjustable from 50 to 9200 RPM
Torque 80 Nm

Machining capacity

Drilling 30 mm
Tapping M24
Milling 100 cm³ / in

Weight and dimensions

240 / 250 / 275 cmH
3400 kg





