

# Machining center FEHLMANN PICOMAX 80

<b>State</b>	<b>USED</b>
<b>Category</b>	Machining centre
<b>Brand</b>	FEHLMANN
<b>Model</b>	PICOMAX 80
<b>Serial number</b>	15195495
<b>Year of manufacture</b>	1995
<b>Inventory number</b>	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 cm<sup>3</sup> / in

**Weight and dimensions**

240 / 250 / 275 cmH  
3400 kg





