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
Collets holders ESX-16
Collets holders ESX-16 long execution
Set of collets ESX-16
Collets holders ESX-25
Collets holders ESX-25 long execution
Set of 29 collets ESX-25
Collets holders ESX-32
Set of 26 collets ESX-32
set of keys for various collets holders
Milling arbors dia. 16 mm
Milling arbors dia. 22 mm
Milling arbors dia. 27 mm
Milling arbors dia. 32 mm
WELDON arbors dia. 10 mm
WELDON arbors dia. 12 mm
WELDON arbors dia. 16 mm
WELDON arbors dia. 20 mm
WELDON arbor dia. 28 mm
Reduction sleeves MT1
Reduction sleeves MT2
Reduction sleeves MT3
Centering device with dial indicator
Drill chuck 0 -10 mm
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
Torke 80 Nm

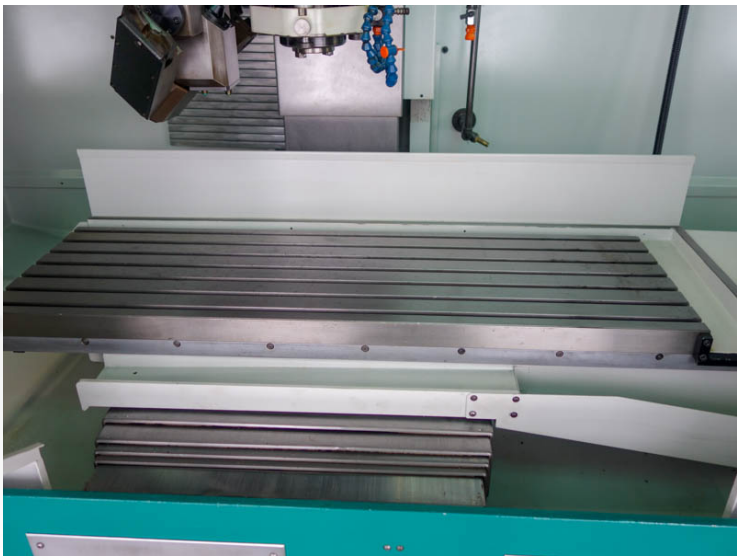
Machining capacity
Drilling 30 mm
Tapping M24
Milling 100 cm3 / in

Weight and dimensions
240 / 250 / 275 cmH
3400 kg


FEHLMANN


FEHLMANN


FEHLMANN
PICOMAX 80 CNC





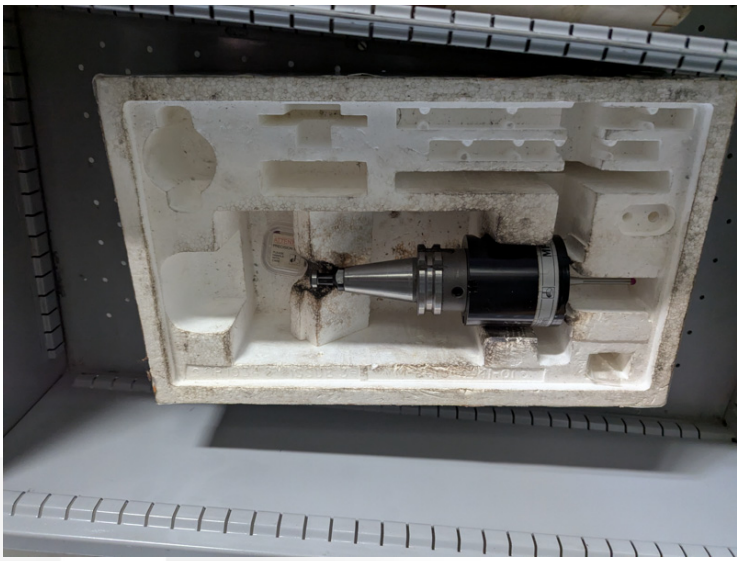






Boulevard des Eplatures 37
CH-2300 La Chaux-de-Fonds
+41 (0)32 926 62 62
luthy@luthymac.ch






NTN
BEARINGS
NTN
KAISER