Machining center

FEHLMANN PICOMAX 80

Machine occasion N° de stock : **CDB0014**



Serial Number	15195495
Longitudinal stroke - X	700

Cross travel - Y	315
Stroke of the spindle - Z	avec CNC 172 mm manuellement 180 mm
Feeds X & Y	1 à 9000
Rapid feeds Z & W	Z-1 à 4000 W-1 à 4500
coarse feed of X and Y axis	9000
coarse feed of Z axis	4000
Table area	1230 x 410
Max weight admitted	250
max distance between the table and the spindle	65 à 660
Distance between the spindle and the post	370
Spindle nose	SK30 / DIN 69871A
Drilling capacity	30
Dimensions	2400 / 2500 / 2750
Weight	3400
Year	1995

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

CHARACTERISTICS

Working capacity

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
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

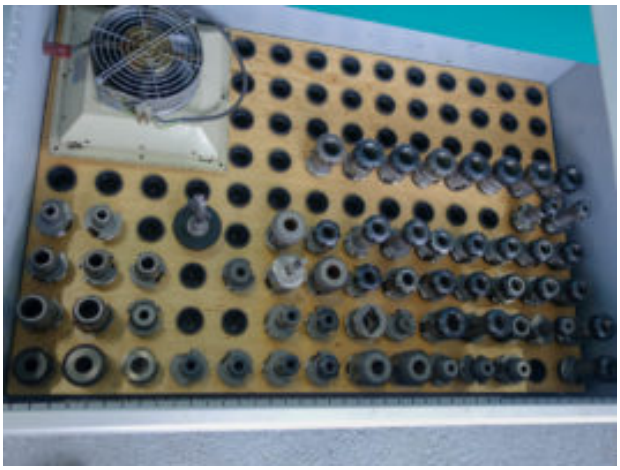
Weight and dimensions
240 / 250 / 275 cmH
3400 kg

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

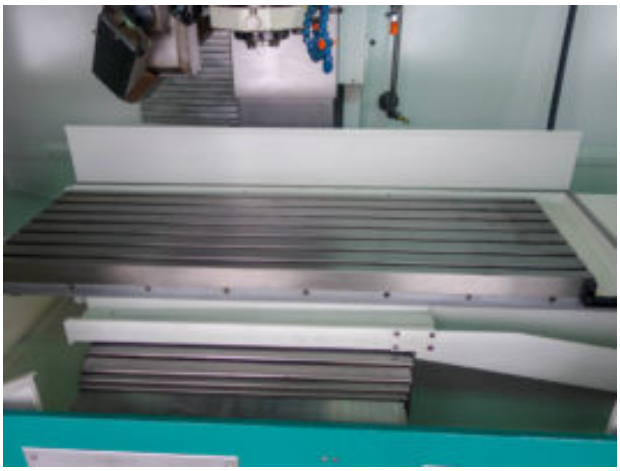














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