

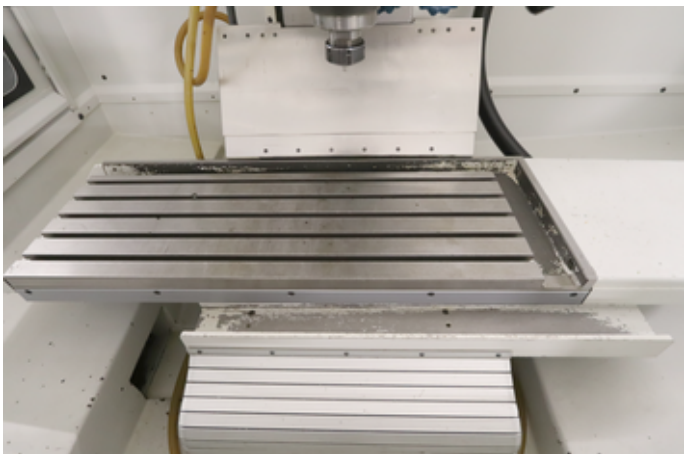
SAM 021232**FEHLMANN Type Picomax 55 CNC**

Group	CNC milling machine
Manufacturer	FEHLMANN
Type	Picomax 55 CNC
Controller CNC	HEIDENHAIN TNC 415 B



Drill capacity in steel	25 mm
Throat cutting in steel M	16
Milling capacity	100 cm ³ /min
Taper in spindle	SF32
Spindle speeds:	
from	50 t/min
up to	10000 t/min
Table length	885 mm
Table width	320 mm
Number of T-channels	5
T-channel width	12 mm
Distance of the T-slots	50 mm
Table load max.	250 kg
Height of table above floor	1040 mm
Min. distance from table to spindle	0 mm
Max. distance from table to spindle	620 mm
Longitudinal travel	500 mm
Transversal travel	250 mm
Vertical travel	145 mm
Feeds:	
X axis	1 - 11000 mm/min
Y axis	1 - 11000 mm/min
Z axis	1 - 6000 mm/min
W axis	1 - 3600 mm/min
Rapid traverse X	11 m/min
Rapid traverse Y	11 m/min
Rapid traverse Z	6 m/min
Voltage 50 Hz 3x	400 Volt
Power	7 kW
Total power required	16 kW
Machine's weight about	2400 kg
Overall dimensions machine:	
Length	1920 mm
Width	1850 mm
Height	2400 mm
Various accessories:	
Coolant system	100 l
Full splash cabin	
Handwheel electroinic	





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