



Inventory number: 21232

CNC milling machine  
FEHLMANN Picomax 55 CNC  
HEIDENHAIN TNC 415 B



### Technical data

Number of axis total	4
Number of axis simultaneous	3
Drill capacity in steel	25 mm
Threat cutting in steel M	16
Milling capacity	100 cm <sup>3</sup> /min
Taper in spindle	SF32
Spindle speeds:	
from	50 rpm
up to	10000 rpm
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
Travels:	
X axis	500 mm
Y axis	250 mm
Z axis (Spindle stroke manual)	145 mm

W-axis (machine head travel)	500 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 electronic	















