



Inventory number: 21612

CNC vertical milling machine  
HERMLE UWF 851 H  
HEIDENHAIN 407 / 415



### Technical data

Number of axis total	3
Working table:	
Length	600 mm
Width	395 mm
Number of T-channels	5
T-channel width	14H7 mm
Distance of the T-slots	63 mm
Rotation range	360 °
Swivelling range	+/-45 °
Tilting range	+15 / -45 °
Table load max.	180 kg
Longitudinal travel (X-axis)	600 mm
Transversal travel (y axis)	450 mm
Vertical travel (z axis)	400 mm
Table load max.	500 kg
Taper in spindle	40 ISO
Spindle speeds:	
stepless	
from	20 rpm
up to	4500 rpm
Spindle nose SK	40
Feeds (X, Y, Z)	1 - 10000 mm/min
Feeds:	
stepless	
Rapid traverse:	10 m/min
Vertical quill travel	75 mm

Voltage	50 Hz 3x	380 Volt
Milling spindle motor		8 kW
Total power required		15 kW
Machine's weight about		2700 kg
Overall dimensions machine:		
Length		3100 mm
Width		2000 mm
Height		1930 mm
Various accessories:		
Direct measuring system X and Y axis		
Manual turn/tilt and swivel table		
Handwheel electroinic		
Hydraulic work-piece clamping		
Vertical milling head		
Full splash cabin		
Coolant system		100 l
Machine lamp		
Tool cabinet		



















# Bedienungs-Handbuch

## Dialog-Programmierung

### TNC 407/TNC 415 Bahnsteuerung



July '91