



**Machine Tools**

# NEW Powercentre KM80L

Milling Machine - Vertical Machining Centre

**£34,995**

Stock No. 2515207478N

## Machine Specifications

Table Dimensions (mm)	1270 X 305
X-Travel (mm)	800
Y-Travel (mm)	600
Z-Travel (mm)	500
Control	C-Tek PC based Conversational
Spindle Speed Range	60-8,000 rpm
Distance Between Spindle & Table (Vertic	620mm
Spindle Taper	BT40
Rapid Traverse Range X,Y,Z	20,000mm/min
Main Drive Power (KW/V/Hz)	7.5HP
4th / 5th Axis	Optional Extra
Opinion	The best value on Market.
Linear Guideways	Yes

# CNC MILLING MACHINE

Linear guide way



## C-Tek CNC Controls...Easy to Use, Efficient to Run!

These CNC Milling Machines are designed especially for Small batch Manufacturing, Model making, Toolrooms, R & D Workshops and Maintenance facilities. Operation & Program input are greatly simplified through the advanced use of graphics.

### Optional accessories:

Direct type spindle motor



16 tools armless ATC



24 tools arm ATC



Tilting table (Fifth axis)



Spindle chiller



Rotary table (Fourth axis)

### Features

#### 1. Extremely Rigid Cast Construction:

- The main casting including the bed, column, saddle, and table are constructed from high quality Meehanite castings.
- The X Y Z axes employ linear guide with the feature of high rigidity low noise, low friction so that axes can be moved quickly.

3 Axes linear guide way



#### 2. High Precision Feed Device:

- The X Y and Z axis employ ø32mm high precision ball screws, coupled with a double nut design for precise traversing.
- Direct Motor Drive in all three axis.
- The surface accuracy is precisely inspected by laser calibration.
- There is no counter-balance block on Z-Axis.



## Specifications

Model	KM-80L	KM-100L
<b>TABLE</b>		
Table surface	1000x410 mm	1200x410mm
T-slot(WxH)	16/3T	16/3T
Table load capacity	300kgs	400kgs
<b>TRAVELS</b>		
X travel	800mm	1000mm
Y travel	500mm	
Z travel	600mm	
Spindle center to column	500mm	
Spindle nose to table	115-715mm	
<b>SPINDLE</b>		
Taper of spindle nose	BT40	
Spindle speed	8000 rpm	
<b>FEED</b>		
Rapid on X, Y & Z axis	20,000mm/min	
<b>MOTOR</b>		
Spindle motor	7.5HP	10HP
AC servo motor	X/Y = 1kw, Z = 2kw	
<b>GENERAL</b>		
Power required	13KVA	14KVA
Net weight	2830kgs	3030kgs
Gross weight	3230kgs	3430kgs
Measurement (LxWxH)	2330mmx2280mmx2550mm	2380mmx2280mmx2550mm

\* Specifications and design are subject to change without notice.

### Standard Accessories

1. Spindle speed 8,000 rpm (Belt type)
2. Table splash guard
3. Power draw bar
4. Toolbox & Manuals
5. Frequency inverter
6. Auto lube system
7. Chip Tray
8. Coolant system
9. Halogen lamp
10. Rigid tapping
11. Ethernet
12. TFT-LCD

### Optional Accessories

1. Full enclosed splash guard
2. 16 tools armless ATC
3. 24 tools arm ATC
4. Spindle chiller for 10,000 rpm (Belt type)
5. Spindle chiller for 10,000 rpm (Direct type)
6. Rotary table (Fourth axis)
7. Tilting table (Fifth axis)
8. CF card and Adaptor Boards

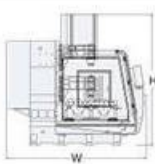
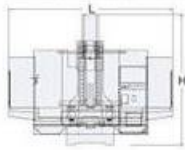


CE



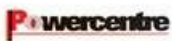
ISO 9001

### DIMENSIONAL DRAWINGS



MODEL	L	W	H
KM-80L	2940	2400	2730
KM-100L	3320	2400	2730

unit:mm



### TPH MACHINE TOOLS

Tel: (44) 01708 523 916 Fax: (44) 01708 550 042  
 www.tphmachinetools.co.uk  
 Email: machines@tphmachinetools.co.uk

