

Gate - PBM

Turret Milling Machines

Premium turret mills affordably priced

Premium Package PBM-SUPER, SUPER-HD & PBM-VS300/400

- 2 Axis Fagor 20iM DRO



- ER40 ISO-40 Collet Chuck set with 15 collets



PBM-VS400



MILLING

Standard Features

- Variable speed head
- ISO-40 spindle taper
- Powerful 5HP motor
- Power downfeed to quill
- Gear type X axis power feed
- Y axis power feed - Align 500PY
- Power rise and fall to the table
- Air power drawbar - Align PD-150
- Extra wide saddle and extended travel in X axis
- Automatic lubrication
- Turcite slides
- Interlocked spindle guard
- Conveniently located controls for easy operator use
- Splash tray
- Coolant equipment
- Halogen light
- Retractable safety handles
- CE mark

Premium Package

As detailed above plus:-

- 2 axis digital readout - Fagor 20iM or 2 Axis Electronica EL402M
- ER40-ISO40 collet chuck set with 15 collets

MODEL	PBM-VS300/400	MODEL	PBM-VS300/400
-------	---------------	-------	---------------

Table:

Working surface	1270x300mm / 1500x300mm
Travel (X, Y, Z)	930x400x455mm / 1230x400x500mm
T Slot (W x No x Pitch)	16 x 3 x 72
Feed (long)	20-320mm/min, 6 Steps
Rapid traverse (long)	1040mm/min
Rapid traverse (vertical)	465mm/min

Spindle:

Spindle nose	ISO 40
Spindle speeds	60 - 3600rpm
Steps	Infinitely variable
Distance from spindle nose to table top	60 - 515mm
Distance from spindle centre to column face	130 - 580mm / 240 - 750mm

Spindle:

Quill feeds	0.04/0.08/0.15/rev
Quill travel	127mm
Swivelling angle	R & L 45°
Cross travel of ram	450mm / 500mm
Horizontal rotation of ram	360°

Motor:

Vertical Spindle	5HP
Table feed (long)	¼HP - 4P
Table rapid (vertical)	½HP - 12P
Coolant pump	¼HP - 2P
Net weight	1700Kg / 2250Kg

OPTIONS

