

PRECITEC-BED TYPE VERTICAL MILLING MACHINE

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Precitec vertical bed type milling machines have been developed using principles of modular unit construction to cater milling of top and side surfaces of castings and other large housings/plates widely used in Automobile & other industries. This system provides a wide choice of options in respect of table size , power, metal removal rate, cycle time, to the customer depending on the job to be machine.

SALIENT FEATURES INCLUDE

- ◆ Rigidly fabricated steel base with fabricated steel column mounted on it
- ◆ Well planned guide way covers and wipers protect the guide ways from chip & dust. Pusher flaps for chip disposal at one end are provided
- ◆ Hydraulic or single axis servo feed for the table feed and Choice of different table sizes and table stroke available
- ◆ Manual vertical movement of spindle carriage with the help of feed screw and nut, accurate depth adjustment through dial gauge (optionally motorized or servomotor feeds with auto cutter retraction or dual depth of the cut option)
- ◆ Provision to firmly lock the position of the spindly unit in vertical direction
- ◆ Counter balance weight is provided inside column bore to compensate for the weight of the spindle carriage.
- ◆ Choice of Precitec spindle unit is available, permitting selection of optimum power required by the customer. Spindle with preloaded taper roller bearing support for high regionals.
- ◆ Centralized lubrication for table guide ways.
- ◆ Automatic cycle with PLC control (optional CNC controls).
- ◆ Custom built completely tooled up systems including job loading and unloading to suit the particular job supplied on request.

Main Specification

Description	VBM 400x1200	VBM 500x1200	
Table size, mm	400X1200	500X1200	
Table stroke, optional in the series, mm (optional)	1800		
T-Slot size, mm	22		
Rapid Feed rate mm/min	5 mm/min		
Table Feed rate infinitely variable (mm/min)	50-800		
Spindle Type	ISO 50	ISO 50/ISO 60	ISO 50
Spindle Nose	11	18	30
Max Power K.W	250	400	630
Max Cutter dia	Poly V Belt / Poly V Gear Box with Charge Gears)		
Spindle Drive	(Gear Box with Charge Gears)		
Speed Rapid (Optional - Infinitely variable with)	400-2000 (160-1000)	56 56	400 400

All Specification is for information only and subjected to change and improvement during development.



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