



PRECITEC DUPLEX MILLING MACHINE

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DUPLEX MILLING MACHINE DM - 250 X 800

PRECITEC DM series Duplex Milling Machine have been developed to simultaneously machine to end faces of castings widely used in Automobile and other industries, it is available in different sizes to cater wide range of requirements of these industries.

SALIENT FEATURES INCLUDE

- ◆ Rigidly fabricated steel base to support table and carriages carrying milling spindle units.
- ◆ Well proven Precitec slide and table units for milling spindle units.
- ◆ Tables tops are provided with T-slots including one centre location T-Slot
- ◆ Slides with Hardened and ground guides with Turcite lining for Carriages Bearing Surfaces.
- ◆ Wide choice of different Precitec spindle units with different spindle nose sizes and power to suit your requirements.
- ◆ Choice of hydraulic or single axis servo feed
- ◆ Manual adjustment of position of milling units or (optional Auto head retraction / dual depth of cut with retraction).
- ◆ Centralized lubrication system for table feed.
- ◆ Automatic cycles with PLC control (optional -3 Axis CNC controls).
- ◆ Hydraulic job clamping system (optional).
- ◆ Electrical cabinet and hydraulics are located at convenient positions.
- ◆ Custom built completely tooled up systems including job loading and unloading to suit the particular job supplied on request.

Main Specification:

Description	DM250X500	DM400X800	DM500X1200	
Table size, mm	250X500	400X800	500X1200	
Table stroke, optional in the series, mm (optional)	1000 / 1250/ 1500 / 1800 / 2000			
T-Slot size, mm	UMS 200	UMS 250	MS 320	UMS 400
Rapid Feed rate mm/min	5 mm/min			
Table Feed rate infinitely variable (mm/min)	50-800			
Spindle Type	ISO 40	ISO 50	ISO 50/ISO 60	ISO 50
Spindle Nose	5.6	11	18	30
Max Power K.W	125	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)	400-2000 56	56 400	400

Note: Other table sizes, table stroke, spindle speeds, Spindle nose size, motor power developed on Specific request.

Metal removal rate depends upon choice of spindle power & cutter size (Max)

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

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