



VBM160 Vertical Cylinder Boring Milling Machine

Features

Cylinder boring and milling machine VBM160 is mainly used for repair small-middle sized engine blocks and head; Design by Human Engineering, easy to operation; 6 shift speed change from gear transmission box; avoid the torque lose; Cutter pouch spindle and the spindle holder, provide high accurate and efficiency. Centralized lubricate system ensure the long life for the machine use and easy for maintenance; multi-choice of accessories, boring, milling, drilling and reaming are all available. As well as motor-cycle blocks.

Main specifications

Model		VBM160
Boring capacity		Φ160 mm
Max. boring depth		350 mm
Max. milling area		300×800 mm
Spindle speed		50-720 r/min
Spindle feeding		10-900 mm/min(0.01-0.2mm/r)
Rated torque of boring at 50-500 rpm		100 N.M.
Rated torque of boring at 500-720 rpm		75 N.M.
Spindle traverse		550 mm
Distance between spindle end face and work table		0-700 mm
Distance between spindle axis and carriage vertical plane		335 mm
Longitudinal feeding of work table		30-1200 mm/min
Longitudinal quick travel of work table		1200 mm / min
Longitudinal traverse of work table		830 mm
Cross traverse of work table		70 mm
Work table size		40×1100 mm
Boring accuracy		H7
Working accuracy	Roundness	0.005 mm
	Cylindricity	0.01/300 mm
	Flatness	0.05 mm
Surface roughness	Boring	Ra1.6 um
	Milling	Ra3.2 um
Power of spindle motor		5 Kw
Overall dimensions		2670×1170×1920 mm
N.W. / G.W.		1800/2100 Kgs