



GLOBAL MACHINES

AUTOMOTIVE SERVICE MACHINES FOR ENGINE REBUILDING

VERTICAL BORING MACHINE



CB-1000
CB-1300
CBM-1300

TECHNICAL SPECIFICATIONS	CB-1000	CB-1300	CBM-1300
Boring range with standard spindles	62 – 120 mm (2.5" – 5")	62 – 120 mm (2.5" – 5")	62 – 120 mm (2.5" – 5")
Boring range with extra spindles	32 – 150 mm (1.25" – 6")	32 – 150 mm (1.25" – 6")	32 – 150 mm (1.25" – 6")
Maximum boring head travel	600 mm (20")	600 mm (20")	600 mm (20")
Distance from spindle centre to column	350 mm (14")	350 mm (14")	350 mm (14")
Spindle speeds	0-600 rpm (variable)	0-600 rpm (variable)	0-600 rpm (variable)
Spindle feed	0.08 , 0.16 mm/rev.	0.08 , 0.16 mm/rev.	0.08 , 0.16 mm/rev.
Quick return of boring slide	1000 mm/ min (40" / min)	1000 mm/ min (40" / min)	1000 mm/ min (40" / min)
Table surface	1000 mm x 410 mm	1300 mm x 410 mm	1300 mm x 410 mm
Table traverse longitudinal	800 MM (32")	1100 mm (43")	1100 mm (43")
Table traverse crosswise	50 mm (2")	50 mm (2")	50 mm (2")
Maximum milling length (CBM versions only)			900 mm (35")
Maximum milling width (CBM versions only)			350 mm (13.5")
Table speed stepless (CBM versions only)			0-240 mm/min (0"-9.5"/min)
Maximum distance between outer cylinder centre	700 mm (27.5")	1000 mm (39")	1000 mm (39")
Spindle motor	2 HP (1.5kw)	2 HP (1.5kw)	2 HP (1.5kw)
DC motor for (CBM versions only)			0.5 HP (0.375 kw)
Rapid motor	0.75 HP (0.56kw)	0.75 HP (0.56kw)	0.75 HP (0.56kw)
Floor space required	3320 x 1450 mm (131" x 57")	3320 x 1450 mm (131" x 57")	3320 x 1450 mm (131" x 57")
Total height	2300 mm (91")	2300 mm (91")	2300 mm (91")
Net weight (approx.)	2400 kg	2550 kg	2550 kg
Gross weight (approx.)	2800 kg	2950 kg	2950 kg
Packing case dimensions (L x W x H)	1750 x 1850 x 2700 mm	2050 x 1850 x 2700 mm	2050 x 1850 x 2700 mm
Shipping volume	8.5 m ³	10 m ³	10 m ³

STANDARD ACCESSORIES	CB-1000	CB-1300	CBM-1300
Setting up parallels 130 mm	02 nos	02 nos	02 nos
Clamp standard	04 nos	04 nos	04 nos
T Bolt with nut and washer	08 nos	08 nos	08 nos
Boring spindle ø 60mm	01 no	01 no	01 no
Spindle head ø 60mm	01 no	01 no	01 no
Spindle head ø 90mm	01 no	01 no	01 no
Pins centering (for ø 60 & 90)	02 nos	02 nos	02 nos
Tool setting micrometer assembly	01 no	01 no	01 no
TSM holder	01 no	01 no	01 no
Star knob with stud and washer	01 no	01 no	01 no
Tool boring ø 60	01 no	01 no	01 no
Tool boring ø 90	01 no	01 no	01 no
Tool chamfering ø 60	01 no	01 no	01 no
Tool chamfering ø 90	01 no	01 no	01 no
Spanner 24-27	01 no	01 no	01 no
Allen key 1.5 to 10mm (set)	01 no	01 no	01 no
Milling spindle			01 no
Milling tool			01 no
Milling head			01 no
Milling head cover			01 no
Spanner 10 - 11	01 no	01 no	01 no
Plate levelling with bolt	03 nos	03 nos	03 nos
Foundation bolt with nut	03 nos	03 nos	03 nos
Operation manual	01 no	01 no	01 no

OPTIONAL ACCESSORIES

- * Boring spindle ø30
- * Boring spindle ø36
- * Boring spindle ø46
- * Quick clamping device
- * Tool Grinder
- * Adjustable roll over fixture
- * Telescopic covers for table
- * Boring Spindle ø85 with Spindle Head ø120

N.B. As we are constantly working on improving our machines to enable you to avail of better quality each time, descriptions, dimensions and illustrations are subject to alteration without prior notice

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