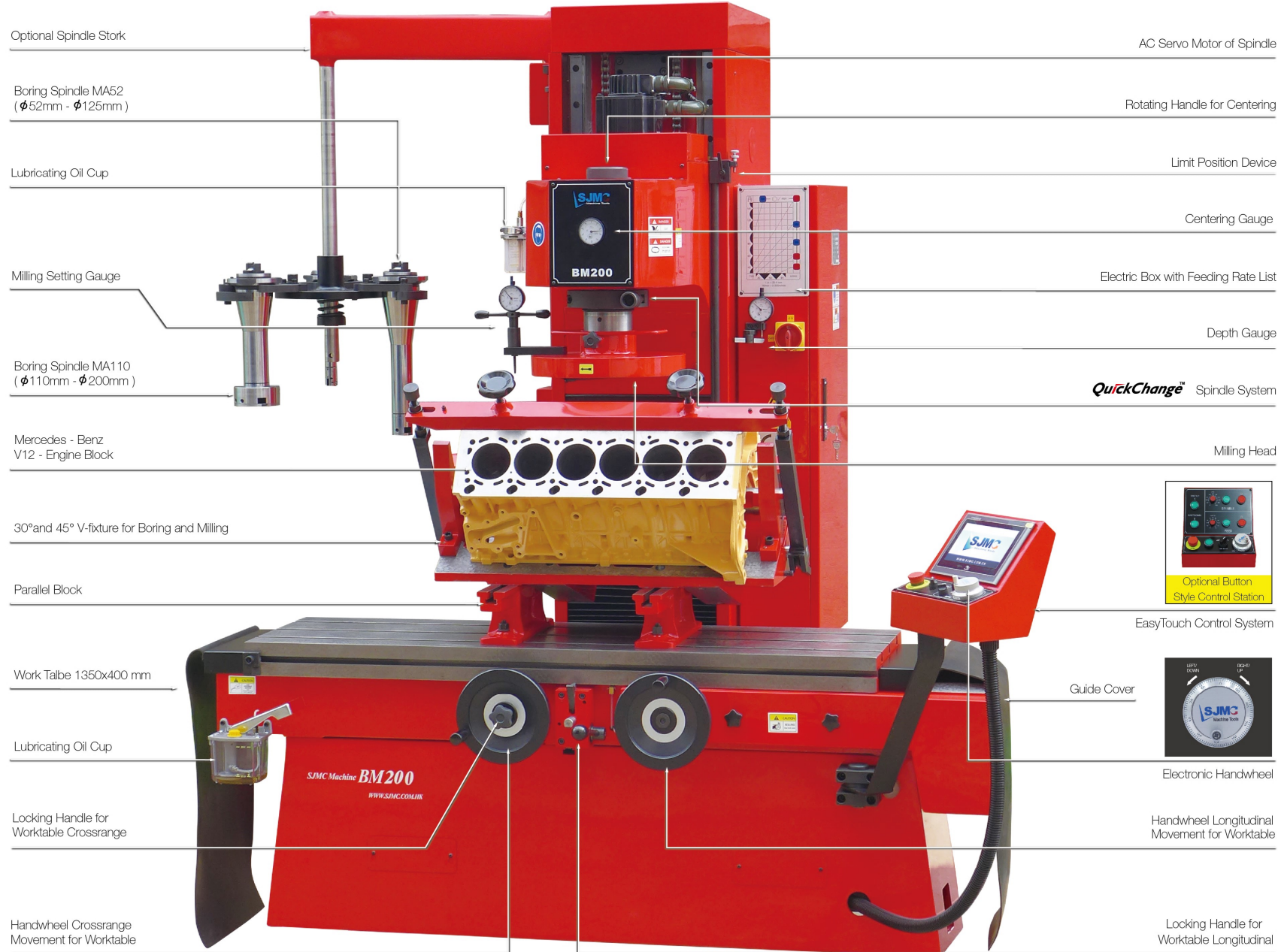


Vertical Fine Boring - Milling Machine

Model: BM200

The Vertical Fine Boring - Milling Machine BM200 has combined all functions and simple performance of the traditional Cylinder Boring Machine with the easy-to-operate SJMC EasyTouch control system. Through the joint operation of the standard mechanical handwheel and the electronic handwheel, the boring of the cylinder body and the machining of the milling plane can be easily accomplished. With the excellent EasyTouch system, even a new hand can easily learn to operate the machine.



Optional Spindle Stork

Boring Spindle MA52
(ϕ 52mm - ϕ 125mm)

Lubricating Oil Cup

Milling Setting Gauge

Boring Spindle MA110
(ϕ 110mm - ϕ 200mm)

Mercedes - Benz
V12 - Engine Block

30°and 45° V-ixture for Boring and Milling

Parallel Block

Work Talbe 1350x400 mm

Lubricating Oil Cup

Locking Handle for
Worktable Crossrange

Handwheel Crossrange
Movement for Worktable

AC Servo Motor of Spindle

Rotating Handle for Centering

Limit Position Device

Centering Gauge

Electric Box with Feeding Rate List

Depth Gauge

QuickChange™ Spindle System

Milling Head



Optional Button
Style Control Station

EasyTouch Control System

Guide Cover



Electronic Handwheel

Handwheel Longitudinal
Movement for Worktable

Locking Handle for
Worktable Longitudinal



Video Online

BM200 is especially suitable for precision work of engine refitted : boring , milling , stepped hole machining , groove machining guarantee the high consistency of all processing

Optional 3 axis DRO.
Unilateral Engagement of Boring is 1.2 mm
Spindle with Boring Cutter Can Directional Start and Stop for Boring
Precise Zero set Control of Z-Axis
Repetitive Position Precision of Z-Axis \leq 0.005 mm
QuickChange - Spindle

Boring Capacity :	200 mm
Max. Boring Depth :	350 mm
Milling Head dia. :	Φ 315 mm
Max. Milling Area :	300x920 mm
Work Table Size :	400x1350 mm
Longitudinal Traverse of Work Table :	1200 mm
Cross Traverse of Work Table :	100 mm
Spindle Speed :	50 ~ 1000 rpm
Power of Spindle Motor :	2 kW AC Servo Motor

Specifications

Model	BM160	B160
Control System	EasyTouch 3 Axis	Without
Boring Capacity	160 mm	
Max. Boring Depth	350 mm	
Max. Milling Area (LxW)	300x850 mm	Without Milling
Spindle Speed	50 ~ 780 rpm stepless	
Spindle Feeding	10 - 900 mm / min(0.01 - 0.2 mm / r)	
Rated Torque of Boring at 50-500 rpm	96 N.M	
Rated Torque of Boring at 500-780 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 by Electric	30 ~ 1200 mm / min	Hand Movement
Longitudinal Quick Travel of Work Table by Electric	1200 mm / min	Hand Movement
Longitudinal Traverse of Work Table	980 mm	
Cross Traverse of Work Table	70 mm	
Work Table Size (LxW)	400x1100 mm	
Boring Accuracy	H7	
Working Accuracy of Roundness for Boring	0.005 mm	
Working Accuracy of Cylindricity for Boring	0.015 mm / 300 mm	
Working Accuracy of Flatness for Milling	0.0127 mm / 305 mm	Without Milling
Surface Roughness of Boring	Ra 0.8	
Surface Roughness of Milling	Ra 0.8	Without Milling
Power of Spindle Motor	3 kW AC Servo Motor	
Motor Power of Work Table Movement	0.4 kW	Hand Movement
Motor Power of Spindle Vertical Movement	0.4 kW	
Overall dimensions (LxWxH)	2670x1170x1920 mm	
Package Size	2200x1200x2200 mm	
N.W.	1600 Kg	
G.W.	1900 Kg	
Note: Model B160 is just Boring Machine without Milling Function		

* All technical data and photos are subject to change due to designing without notice.

Specifications

Model	BM200	B200
Control System	EasyTouch 3 Axis	Without
Boring Capacity	200 mm	
Max. Boring Depth	350 mm	
Max. Milling Area (LxW)	300x920 mm	Without Milling
Spindle Speed	50 ~ 1000 rpm stepless	
Spindle Feeding	10 - 900 mm / min(0.01 - 0.2 mm / r)	
Rated Torque of Boring at 50-500 rpm	58 N.M	
Rated Torque of Boring at 500-780 rpm	22 N.M.	
Spindle Traverse	600 mm	
Distance Between Spindle End Face and Work Table	0 ~ 700 mm	
Distance between Spindle Axis and Carriage Vertical Plane	380 mm	
Longitudinal Feeding of Work Table by Electric	30 ~ 1200 mm / min	Hand Movement
Longitudinal Quick Travel of Work Table by Electric	1200 mm / min	Hand Movement
Longitudinal Traverse of Work Table	1200 mm	
Cross Traverse of Work Table	100 mm	
Work Table Size (LxW)	400x1350 mm	
Boring Accuracy	H7	
Working Accuracy of Roundness for Boring	0.005 mm	
Working Accuracy of Cylindricity for Boring	0.015 mm / 300 mm	
Working Accuracy of Flatness for Milling	0.0127 mm / 305 mm	Without Milling
Surface Roughness of Boring	Ra 0.8	
Surface Roughness of Milling	Ra 0.8	Without Milling
Power of Spindle Motor	2 kW AC Servo Motor	
Motor Power of Work Table Movement	0.4 kW	Hand Movement
Motor Power of Spindle Vertical Movement	0.4 kW	
Overall dimensions (LxWxH)	1870x1600x2000 mm	
Package Size	2200x1450x2250 mm	
N.W.	1900 Kg	
G.W.	2300 Kg	
Note: Model B200 is just Boring Machine without Milling Function		

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