

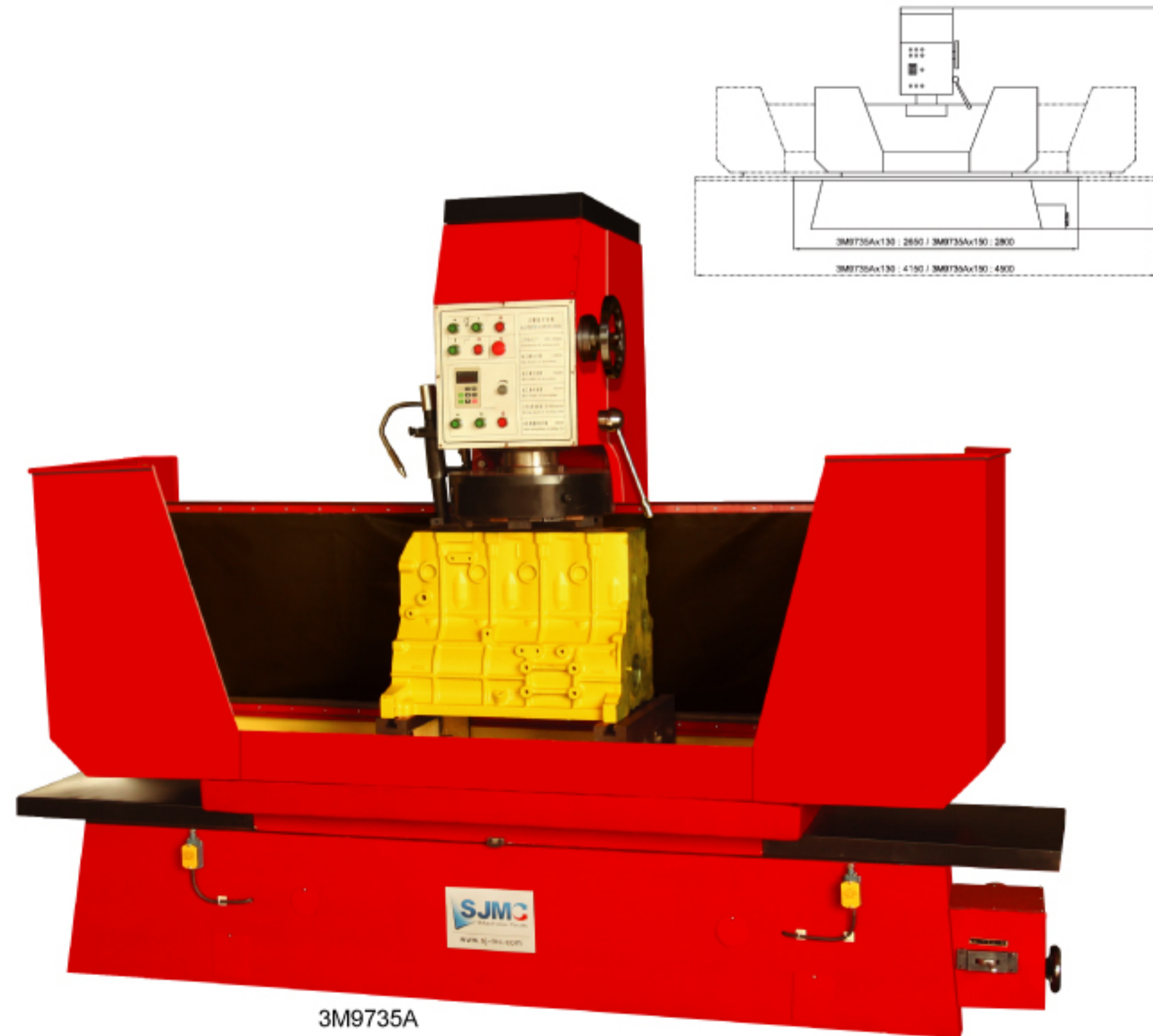
3M9735A

cylinder block grinding-milling machine

The machine is mainly used for grinding and milling the connecting surface between cylinder body and cylinder cover of every engine (of automobiles, tractors, tanks and ships). Because of the engine be used for long, the connecting surface of cylinder body and cylinder cover would transmute and the engine will working off normal. Working accuracy can be achieved that the connecting surface of cylinder body and cylinder cover be ground or milled. The machine can also grinding the surface of other parts if the electromagnetic chuck be equipped.

- The machine adopt (1400/700r/min) two-speed motor 1400r/min be used to grind the surface of cylinder body or cylinder cover, which be made by cast-iron material. And 700r/min be used to milled the surface which be made by aluminium material. Emery wheel feeding is manual. Emery wheel feed 0.02mm during hand wheel rotate 1 lattice. Pulley adopt with unloading to make the main spindle only usustain twisting moment.
- The machine tool working table selects and uses the Y801-4 electric motor drive by rotating, on host face ply, the potentiometer whorf twists and to gain right feed speed, easy to operate reliable.

Technical Specifications		
Model	3M9735A×130	3M9735A×150
Working table size	1300×500mm	1500×500mm
Max. length of grinding	1300mm	1500mm
Max. width of grinding	350mm	350mm
Max height of grinding	600mm	600mm
Vertical moving distance of grinding head	120mm	120mm
Transverse moving speed of working table	40-900 mm/min	30-900mm/min
Grinding wheel disk diameter	360 mm	360mm
Spindle speed	1400/700r/min	1400/700r/min
Electric motor power cooling down	0.4 Kw	0.4 Kw
Power of the main motor	1.5/2.4kw	1.5/2.4kw
Overall dimensions(L×W×H)	2650×1050×2100 mm	2800×1050×2100 mm
Packing dimensions(L×W×H)	2980×1150×2200 mm	3200×1150×2280 mm
N.W. / G.W.	2800 / 3100 kg	3000 / 3300 kg



3M9735A

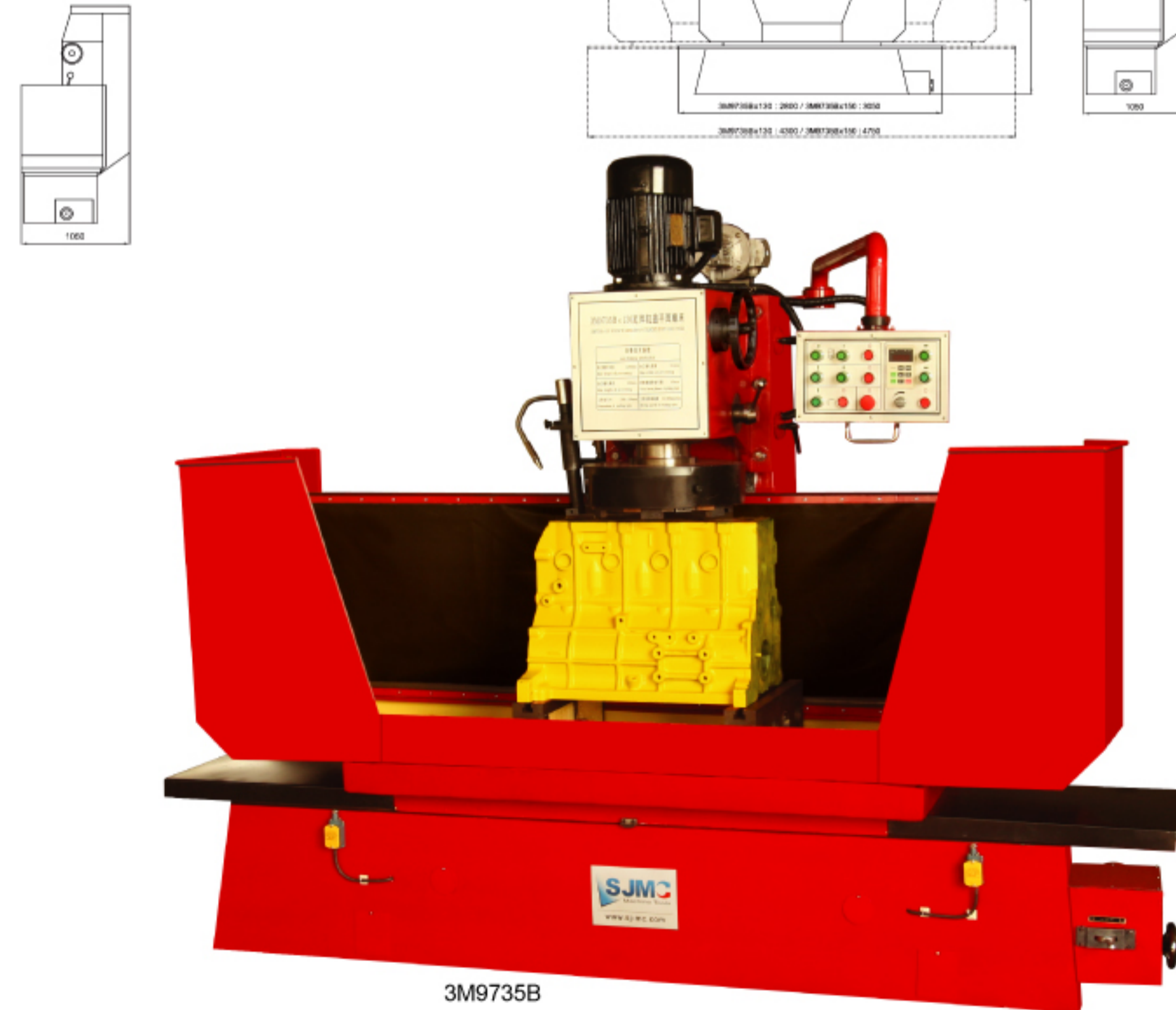
3M9735B

cylinder block grinding-milling machine

3M9735B is surface grinding and milling machine for small and medium, large-size cylinder heads and blocks. This machine is accurate and wide use. It makes possible to solve mostly grinding jobs, and it is optimal and economic choice. 3M9735B is characterized by automatic reciprocating movement of table which is electric motor; the grinding head is operated by one of the main motor which directly controls the grinding wheel spindle and by one additional motor for up-down movement of grinding head. It has two different grinding procedures: with grinding wheel; insert milling cutter.

- 700 rpm high velocity milling and step-less speed regulation for feeding by frequency conversion control, high smooth surface of machining, suitable for aluminum alloy cylinder body.
- 1400 rpm high velocity grinding, precision feeder, suitable for cast-iron cylinder body.

Technical Specifications		
Model	3M9735B×130	3M9735B×150
Working table size	1300×500mm	1500×500mm
Max working length	1300 mm	1500 mm
Max. width of grinding	350 mm	350 mm
Max height of grinding	800 mm	800 mm
The vertical moving distance of grinding head	60 mm	60 mm
The vertical moving distance of spindle box	800 mm	800 mm
Spindle speed	1400/700 r/min	1400/700 r/min
Transverse moving speed of working table	40-900 mm/min	40-900 mm/min
Overall dimensions(L×W×H)	2800×1050×1700 mm	3050×1050×1700 mm
Packing dimensions(L×W×H)	3100×1200×1850 mm	3350×1200×1850 mm
N.W. / G.W.	2800 / 3100 kg	3000 / 3300 kg



3M9735B

Accessories

cylinder block grinding-milling machine 3M9735A/3M9735B



Table of Standard and Optional Accessories

Model	Standard Accessories	Optional Accessories
3M9735A	1,2,3,4,5,6,7,10	8,9,11
3M9735B	2,4,5,6,7,10	8,9,11