

# MAJOR PRODUCTS

## FEATURE



### Cylinder Block Surface Grinding–Milling Machine 3M9735C X130

This machine is design for grinding cylinder block and cylinder head, machine use high levelcasting iron , The stability and machining accuracy of the machine tool are quaranteed.

- 1: The whole machine is driven by servo motor and ball screw. It provides stable torque output toensure smooth transmission.
- 2: The headstock up and down use linear guide rails and controlled by servo motor. Movingspeed is easy to adjust, and micro feeding can be carried out with electronic handwheel.
- 3: A digital read out shows position of the X and Z , also the feed amount can be displayed onthe control panel.
- 4: The left and right movement also use linear guide and servo motor, which provide large torqueand stable movement. it can do fast move through control panel, or be micro adjusted throughthe electronic handwheel.
- 5: This machine was strong build. high efficiency and convenient operation.



#### Accessories



#### Standard accessories

#### Optional accessories

#### Standard accessories:

①psrallel support ②sizing block ④grinding disk ⑤grinding wheel dresser ⑥ cooling box  
⑦grinding tiles &milling cutters ⑨wheel balance stand arbor

#### Optional accessories:

③sliding door water cover ⑧ diamond dresser ⑩universal support

Mlodel	3M9735CX130
Dimensian of worktable	1300mmx500mm
Max. grinding length	1500mm
Max. grinding width	350mm
Max. grinding height	800mm
Grindnghead dameter	350mm
Number of segments	10
Spindle motor type	Double speed motor
Spindle motor power	3.8KW
Spindle speed	Linear Rail s
X/Z axis guideway type	Ball Screw
X/Z axis screw type	Servo Motor
Z axis feed motar type	Double speed motor
Z axis feed motor power	750W
X axis feed motor type	Double speed motor
X axis feed motor power	1.2KW
Water pump motor	40W
Packing Dimension	3100X1150X2230
N.W / G.W	2.3T/2.6T

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Cylinder Block Surface Grinding–Milling Machine

3M9735C X150

- This machine is design for grinding cylinder block and cylinder head, machine use high levelcasting iron , The stability and machining accuracy of the machine tool are quaranteed.
- 1: The whole machine is driven by servo motor and ball screw. It provides stable torque output toensure smooth transmission.
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- 4: The left and right movement also use linear guide and servo motor, which provide large torqueand stable movement. it can do fast move through control panel, or be micro adjusted throughthe electronic handwheel.
- 5: This machine was strong build. high efficiency and convenient operation.



- Standard accessories:**
- ①psrallel support ②sizing block ④grinding disk ⑤grinding wheel dresser ⑥ cooling box ⑦grinding tiles &milling cutters ⑨wheel balance stand arbor
- Optional accessories:**
- ③sliding door water cover ⑧ diamond dresser ⑩universal support

Mlodel	3M9735CX150
Dimensian of worktable	1300mmx500mm
Max. grinding length	1500mm
Max. grinding width	350mm
Max. grinding height	800mm
Grindnghead dameter	350mm
Number of segments	10
Spindle motor type	Double speed motor
Spindle motor power	3.8KW
Spindle speed	Linear Rail s
X/Z axis guideway type	Ball Screw
X/Z axis screw type	Servo Motor
Z axis feed motar type	Double speed motor
Z axis feed motor power	750W
X axis feed motor type	Double speed motor
X axis feed motor power	1.2KW
Water pump motor	40W
Packing Dimension	3100X1150X2230
N.W / G.W	2.4T/2.6T



FEATURE

Cylinder Block Surface Grinding-Milling Machine  
3M9740CX130

This machine is design for grinding cylinder block and cylinder head, machine use high levelcasting iron , The stability and machining accuracy of the machine tool are quaranteed.

- 1: The whole machine is driven by servo motor and ball screw. It provides stable torque output to ensure smooth transmission.
- 2: The headstock up and down use linear guide rails and controlled by servo motor. Moving speed is easy to adjust, and micro feeding can be carried out with electronic handwheel.
- 3: A digital read out shows position of the X and Z , also the feed amount can be displayed on the control panel.
- 4: The left and right movement also use linear guide and servo motor, which provide large torque and stable movement. it can do fast move through control panel, or be micro adjusted through the electronic handwheel.
- 5: This machine was strong build. high efficiency and convenient operation.



- Standard accessories:**
- ① parallel support ② sizing block ④ grinding disk ⑤ grinding wheel dresser ⑥ cooling box ⑦ grinding tiles & milling cutters ⑨ wheel balance stand arbor
- Optional accessories:**
- ③ sliding door water cover ⑧ diamond dresser ⑩ universal support

Mlodel	3M9740CX130
Dimensian of worktable	1300mmx500mm
Max. grinding length	1300mm
Max. grinding width	400mm
Max. grinding height	800mm
Grindnghead dameter	400mm
Number of segments	12
Spindle motor type	Double speed motor
Spindle motor power	3.8KW
Spindle speed	Linear Rail s
X/Z axis guideway type	Ball Screw
X/Z axis screw type	Servo Motor
Z axis feed motar type	Double speed motor
Z axis feed motor power	750W
X axis feed motor type	Double speed motor
X axis feed motor power	1.2KW
Water pump motor	40W
Packing Dimension	3100X1150X2230
N.W / G.W	2.4T/2.6T

FEATURE

Cylinder Block Surface Grinding–Milling Machine  
3M9740CX150

This machine is design for grinding cylinder block and cylinder head, machine use high levelcasting iron , The stability and machining accuracy of the machine tool are quaranteed.

- 1: The whole machine is driven by servo motor and ball screw. It provides stable torque output toensure smooth transmission.
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- 5: This machine was strong build. high efficiency and convenient operation.



- Standard accessories:**
- ①psrallel support ②sizing block ④grinding disk ⑤grinding wheel dresser ⑥ cooling box ⑦grinding tiles &milling cutters ⑨wheel balance stand arbor
- Optional accessories:**
- ③sliding door water cover ⑧ diamond dresser ⑩universal support

Mlodel	3M9740CX150
Dimension of worktable	1500mmx500mm
Max. grinding length	1500mm
Max. grinding width	400mm
Max. grinding height	800mm
Grindnghead dameter	400mm
Number of segments	12
Spindle motor type	Double speed motor
Spindle motor power	3.8KW
Spindle speed	Linear Rail s
X/Z axis guideway type	Ball Screw
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Z axis feed motar type	Double speed motor
Z axis feed motor power	750W
X axis feed motor type	Double speed motor
X axis feed motor power	1.2KW
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Packing Dimension	3100X1150X2230
N.W / G.W	2.4T/2.6T

FEATURE

SKM CNC Grinding Machine Series Parameters

This machine tool is suitable for repairing engines. Grind (mill) the joint surfaces of various engines, generator cylinder bodies, and cylinder heads (such as cars, tractors, generators, tanks, ships, etc.) to achieve the required working accuracy. After adding a distribution disk to this machinetool, it can also grind the flat surfaces of other parts.

- 1. The bed body adopts integral casting technology, which is sturdy and stable. The worktable and spindle box are driven by precision linear tracks and ball screws with good geometric accuracy, ensuring smooth movement. Both the X-axis and Z-axis are driven by servo motors. The spindle is driven directly by a servo motor, allowing it to achieve maximum cutting torque at any speed. Can effectively improve the machining efficiency of machine tools.
- 2. The electrical part is controlled by PLC and touch screen, and PLC can reliably control the movement and speed of X-axis, Z-axis, and spindle. The touch screen can easily input various parameters and display the real-time machining status of the machine tool. Facilitating human-machine communication between operators and machine tools.
- 3. Suspended button station design, convenient for operators to operate the machine tool at any position, and enclosed water cover design is safe and environmentally friendly.
- 4. The device supports multiple language interfaces to meet the needs of customers in different languages.
- 5. The machine tool adopts a vertical axis structure to improve work efficiency and machining accuracy.



Standard accessories:			
1、psrallel support	2、 sizing block	3、 grinding disk	4、 grinding wheel dresser
5、 cooling box	6、 grinding tiles &milling cutters	8、 wheel balance stand arbor	
Optional accessories:			
7、 diamond dresser	9、 universal support		

Mlodel	SKM1550	SKM2050	SKM2550
Dimension of worktable	1500mmx500mm	2000mmx500mm	2500mmx500mm
Max. grinding length	1500mm	2000mm	2500mm
Max. grinding width	400mm	400mm	400mm
Max. grinding height	800mm	800mm	800mm
Grindnghead dameter	400mm	400mm	400mm
Number of segments	12	12	12
Spindle motor type	Double speed motor	Double speed motor	Double speed motor
Spindle motor power	3.8KW	3.8KW	3.8KW
Spindle speed	Linear Rail s	Linear Rail s	Linear Rail s
X/Z axis guideway type	Ball Screw	Ball Screw	Ball Screw
X/Z axis screw type	Servo Motor	Servo Motor	Servo Motor
Z axis feed motar type	Double speed motor	Double speed motor	Double speed motor
Z axis feed motor power	750W	750W	750W
X axis feed motor type	Double speed motor	Double speed motor	Double speed motor
X axis feed motor power	1.2KW	1.2KW	1.2KW
Water pump motor	40W	40W	40W
Packing Dimension	3100X1150X2230	3800X1150X2230	4300X1150X2230
N.W / G.W	2.4T/2.6T	2.6T/2.8T	2.8T/3.0T