



shandong lu young machinery co.,ltd  
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## Strong Universal Vertical Machining Center X5040 Milling Machine

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: X5040
- Minimum Order Quantity: 1
- Price: USD12000-USD20000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets



### Product Specification

- Highlight: Milling Machine Vertical Machining Center,  
Strong Vertical Machining Center,  
Universal Vertical Machining Center Milling  
Machine

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## Product Description

Specifications	Units	X5040
Table size	mm	1700x400
No.of T-slots		3
Width of T-slots	mm	18
Max load	kg	800
Longitudinal travel(manual/auto)	mm	900/880
Cross travel(manual/auto)	mm	315/300
Vertical travel(manual/auto)	mm	385/300
Rapid feed speed	mm/min	X:2300,Y:1540, Z:770
Spindle speed range	r/min	30-1500
Spindle speed step	(steps)	18
Spindle travel	mm	85
Max.swivel angle of spindle		±45
Distance between spindle nose and table surface	mm	30/500
Power of spindle motor	kw	11
Overall dimensions(LxWxH)	mm	2556X2159X2298
Net weight	kg	4450



The X5040 vertical milling machine is a type of strong metal cutting machine that is widely used. It is also referred to as the X53K vertical milling machine or the B1-400K milling machine. Its features include:

### Strong cutting ability

The machine is rigid and can withstand heavy loads.

### Adjustable milling head

The vertical milling head can be adjusted  $\pm 45^\circ$  in the vertical plane to expand the machine's processing range.

**Powerful motor** The machine's spindle motor has high power and a wide speed range to maximize tool performance during high-speed cutting.

### Durable components

Its easily worn castings are made of vanadium-titanium wear-resistant cast iron, and its important parts are made of high-quality alloy steel for stability and durability.

**Multiple feed options**

The table has three feeds: manual, motorized, and motorized rapid feed in the X, Y, and Z directions. Rapid feed allows the workpiece to reach the machining position quickly.

**Axis movement** The workbench moves along the bed saddle to achieve longitudinal movement, and the bed saddle moves along the lifting table to achieve transverse movement. Vertical movement is achieved by the lifting table moving along the bed guide rail.

The lubrication device can force lubrication of the lead screws and guide rails in the longitudinal, transverse, and vertical directions, reducing machine wear and ensuring efficient operation.

**Versatile** The spindle cone can be fitted with cylindrical milling cutters, disc milling cutters, forming milling cutters, end milling cutters, and other tools directly or via accessories. It can also be fitted with accessories such as indexing heads, circular worktables, boring tool holders and milling chucks to further expand the machine's machining range.



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86 18660852746



[sales@luyoungmachinery.com](mailto:sales@luyoungmachinery.com)



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Room 1061, Building A, Guoshan Center, Taiqian Street, Taishan District, Taian City, Shandong Province