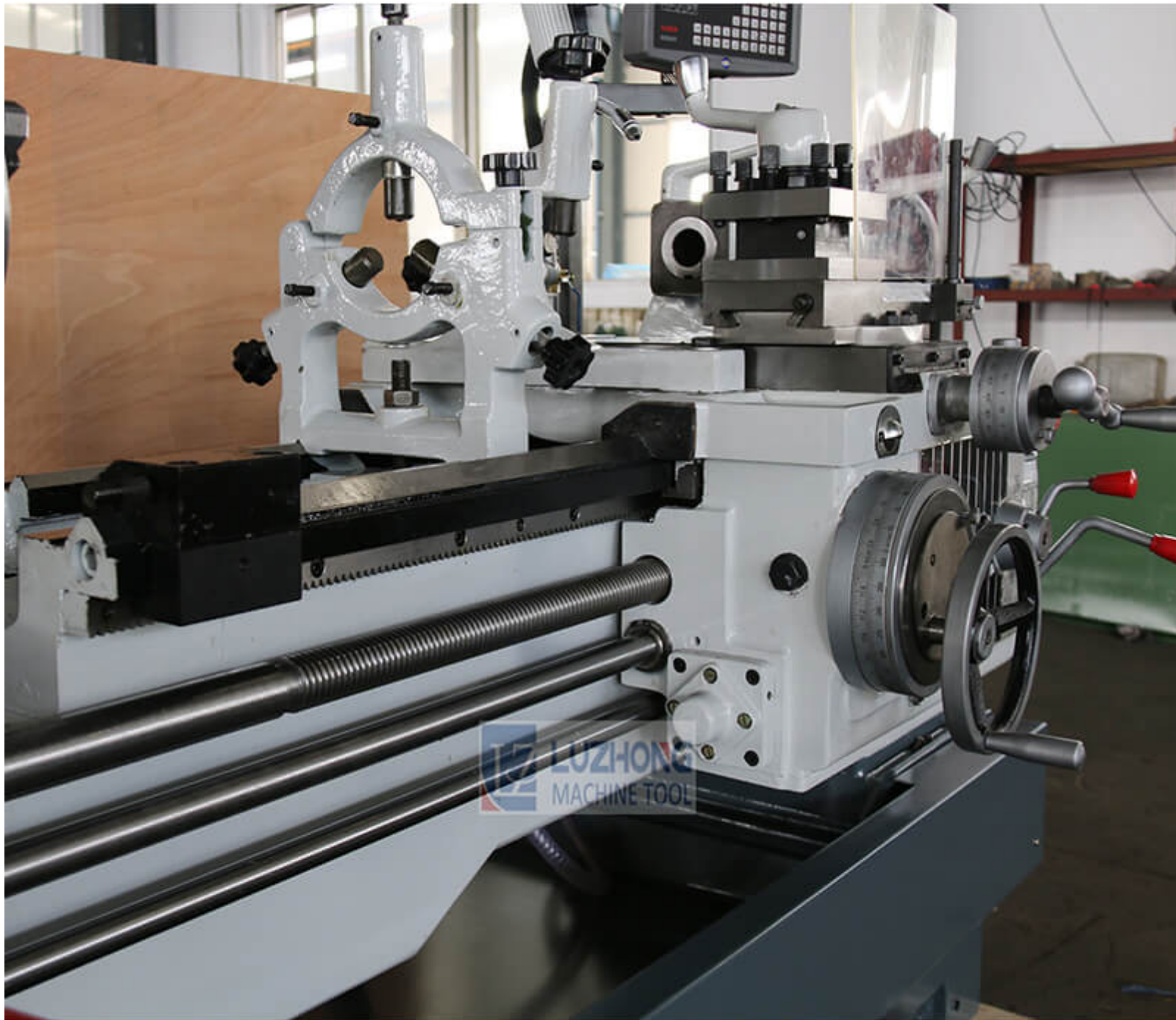


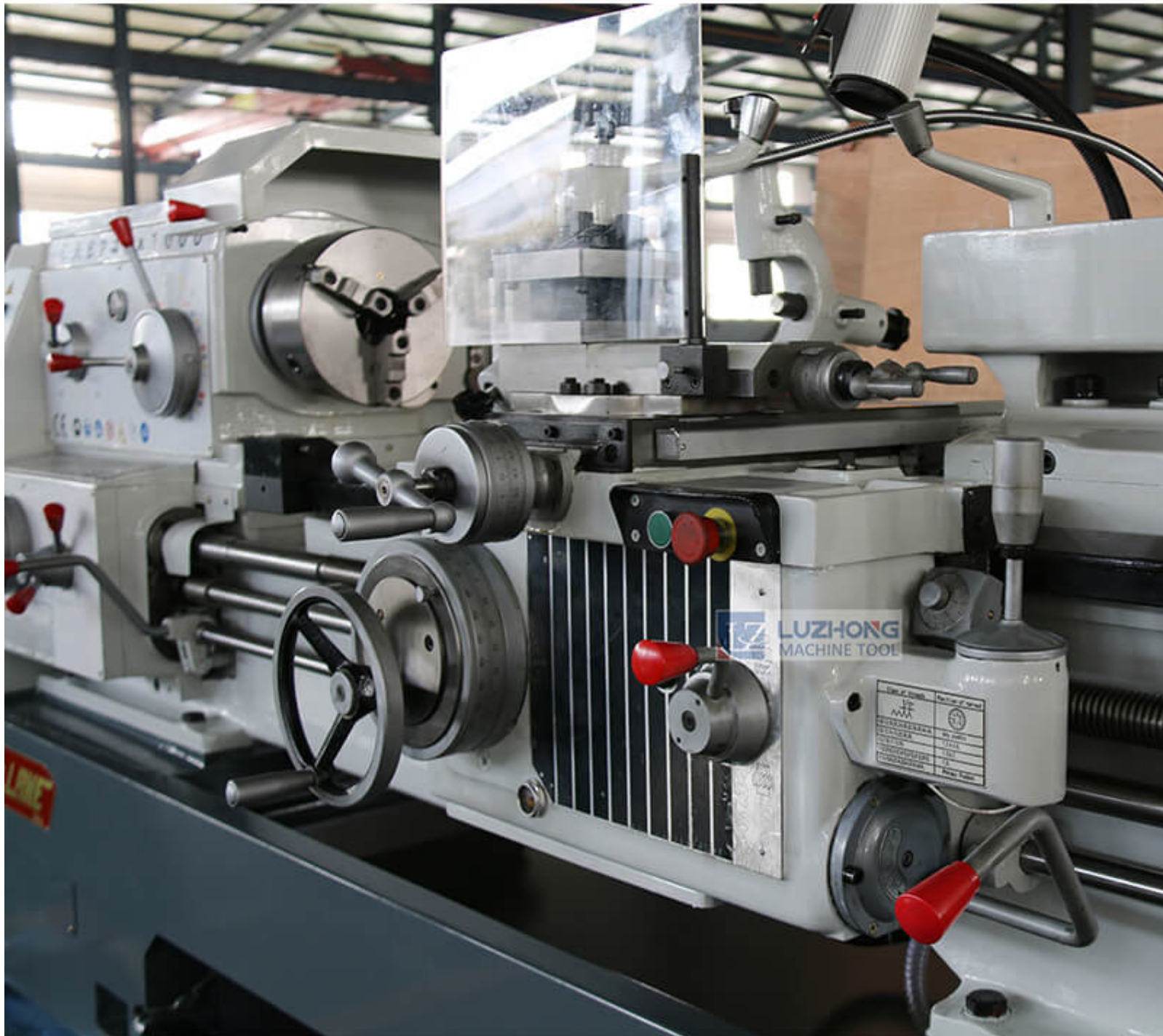


 LUZHONG
MACHINE TOOL

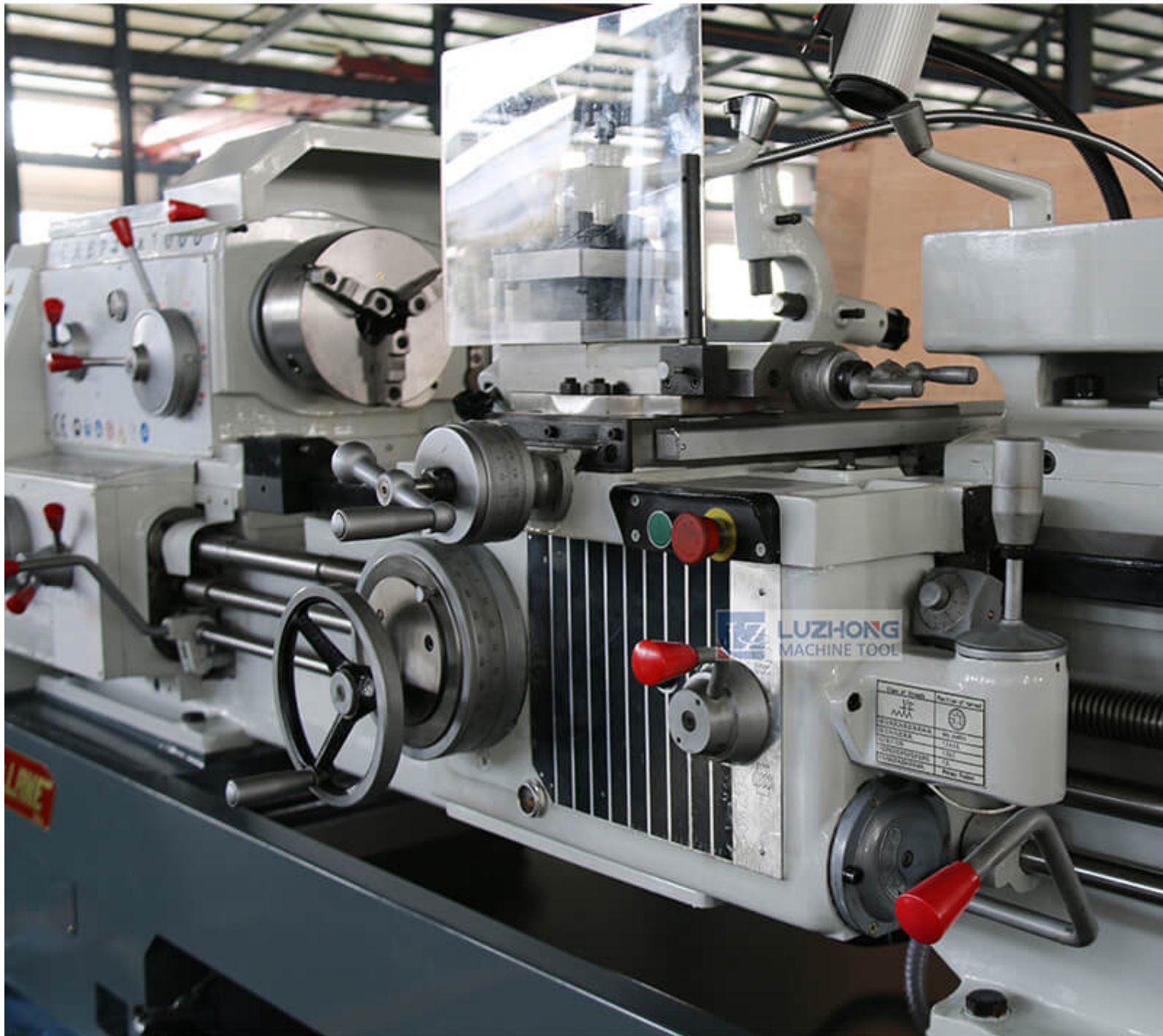








Item No.	Part Name
1	Lathe
2	Lathe
3	Lathe
4	Lathe
5	Lathe
6	Lathe
7	Lathe
8	Lathe
9	Lathe
10	Lathe



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Product main technical parameters:

Specifications		CA6140 CA6140B	CA6240 CA6240B
Max. Swing over bed		400mm	
Max. Swing over carriage		210mm	
Max. swing in gap		--	630mm
Effective gap length		--	210mm
Max. length of work piece		750mm/1000mm/1500mm/2000mm/2200mm/3000mm/4000mm	
Width of bed		400mm	
Section of turning tool		25x25mm	
Spindle	Spindle speeds	10-1400rpm/16-1400rpm(24steps)	
	Hole through spindle	52mm. (80mm)	
	Spindle taper	NO.6 (Φ90 1: 20) [Φ113 1: 20]	
Feed	Number of feeds	64 kinds (for each)	
	Range of metric threads (kinds)	(1-192mm) 44kinds	
	Range of inch threads (kinds)	(2-24tpi) 21kinds	
	Range of module threads (kinds)	0.25-48 (Module)39kinds	
	Range of pitch threads (kinds)	1-96DP(37kinds)	
Tailstock	Max. tail stock spindle travel	150mm	
	Tail stock spindle diameter	75mm	
	Taper of tail stock spindle center hole	NO.5	
Main motor		7.5KW(10HP)	
Packing dimensions (L*W*Hmm)	Overall dimensions for750mm	2550x1140x1750	
	Overall dimensions for1000mm	2700x1140x1750	
	Overall dimensions for1500mm	3200x1140x1750	
	Overall dimensions for2000mm	3700x1140x1750	
	Overall dimensions for2200mm	4030x1140x1750	
	Overall dimensions for3000mm	4850x1140x1750	
	Overall dimensions for4000mm	5800x1140x1750	
Weight (kg)	Length	G.W N.W.	
	Weight for 750mm	2100 1990	
	Weight for 1000mm	2190 2070	
	Weight for 1500mm	2350 2220	
	Weight for 2000mm	2720 2570	
	Weight for 2200mm	2800 2600	
	Weight for 3000mm	3300 3200	
	Weight for 4000mm	3500 3400	

Description

The main performance characteristics:

- 1 Machine tool head box and bed, tailstock, Supporting plate, etc. the combination of surface between manual scraping, machine to undergo a rigorous inspection, effectively ensure the machine tool accuracy and stability.
- 2 Machine adopts high strength cast iron, copper and chromium special materials are added, the bed width 400mm, bed rail quenching depth up to 4mm, effectively improves the abrasability and stability of the machine.
- 3 The machine tool bed head box lubrication uses the pump to carry on the circulation forced lubrication, in view of the south hot weather, has guaranteed the bed head box cleanliness and the heat radiation characteristic, has effectively extended the bearing and gear's service life.
- 4 Wafangdian Bearing is used in machine tool spindle, the spindle through hole diameter 80mm, machine tool gear with precision grinding, can effectively improve the hardness of the gears, to reduce noise of the machine.
- 5 Machine tool uses the domestic brand lead screw, the silk mother uses the high quality bronze alloy to guarantee the wear-resisting property and the precision maintenance.
- 6 The machine adopts high strength four station turret shank size: 25x25mm.

Application:

- 1 CA series ordinary horizontal lathe is used to turning internal and external cylindrical surface, conical surface, and other rotating surface, turning various metric and inch, modulus and pitch thread, and the pitch diameter of the thread and pull the drilling and oil tank etc., is general very strong horizontal lathe, Widely applicable batch processing of various shaft and disc parts.
- 2 The series lathe bed width in general lathe, 400mm rail width has higher stiffness, rail surface by intermediate frequency quenching, wear-resistant durable.
- 3 Handy machine operator concentration, slide plate is provided with a quick moving mechanism. Using single handle operation, humanization.
- 4 The rigidity of the machine tool structure and the transmission stiffness are higher than the general lathe, the power utilization rate is high, which is suitable for the strong cutting.
- 5 Before leaving the machine tool factory, the machine tool is tested strictly according to the inspection procedure, and the machine tool is tested to ensure that the machine tool has good stability and reliability.