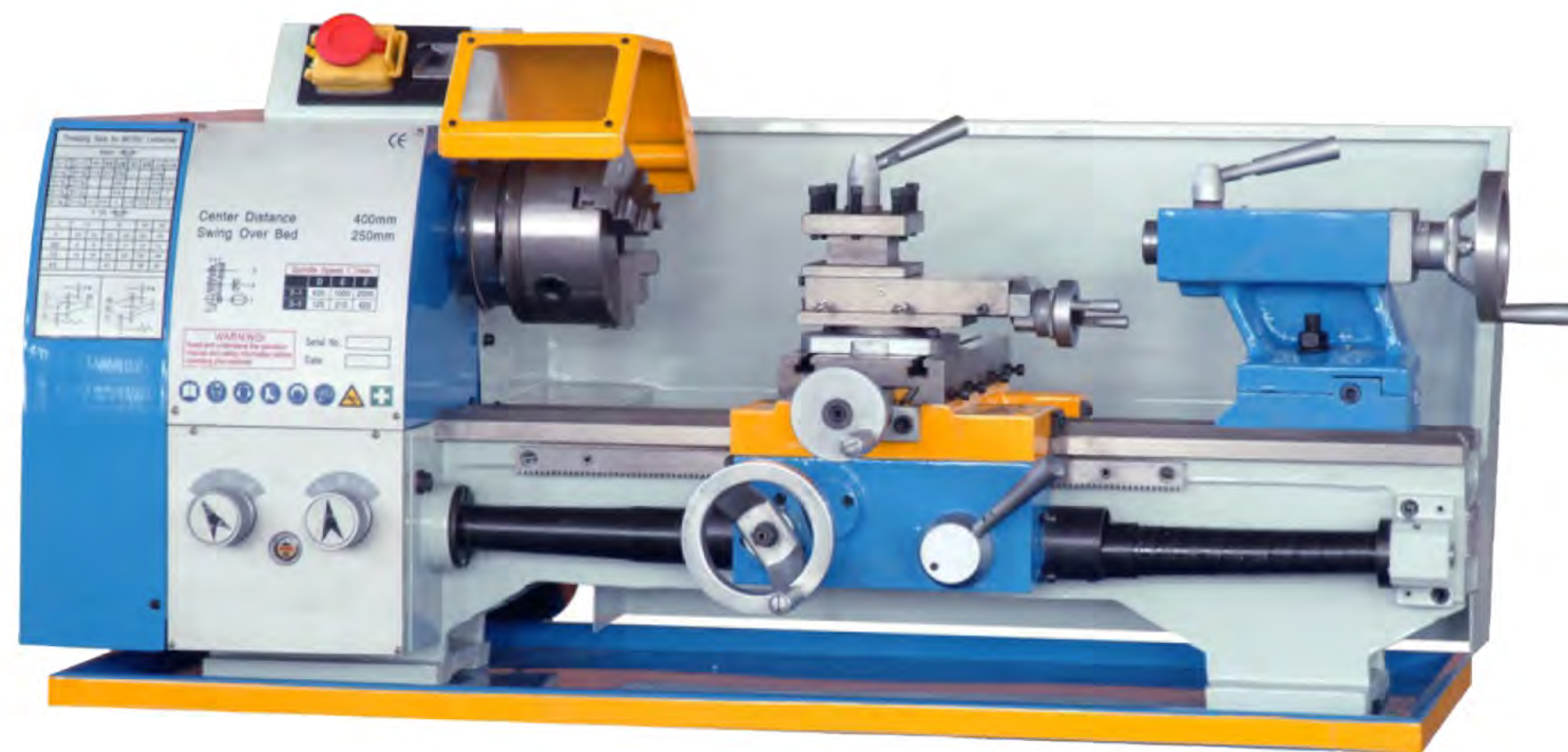


BENCH LATHE



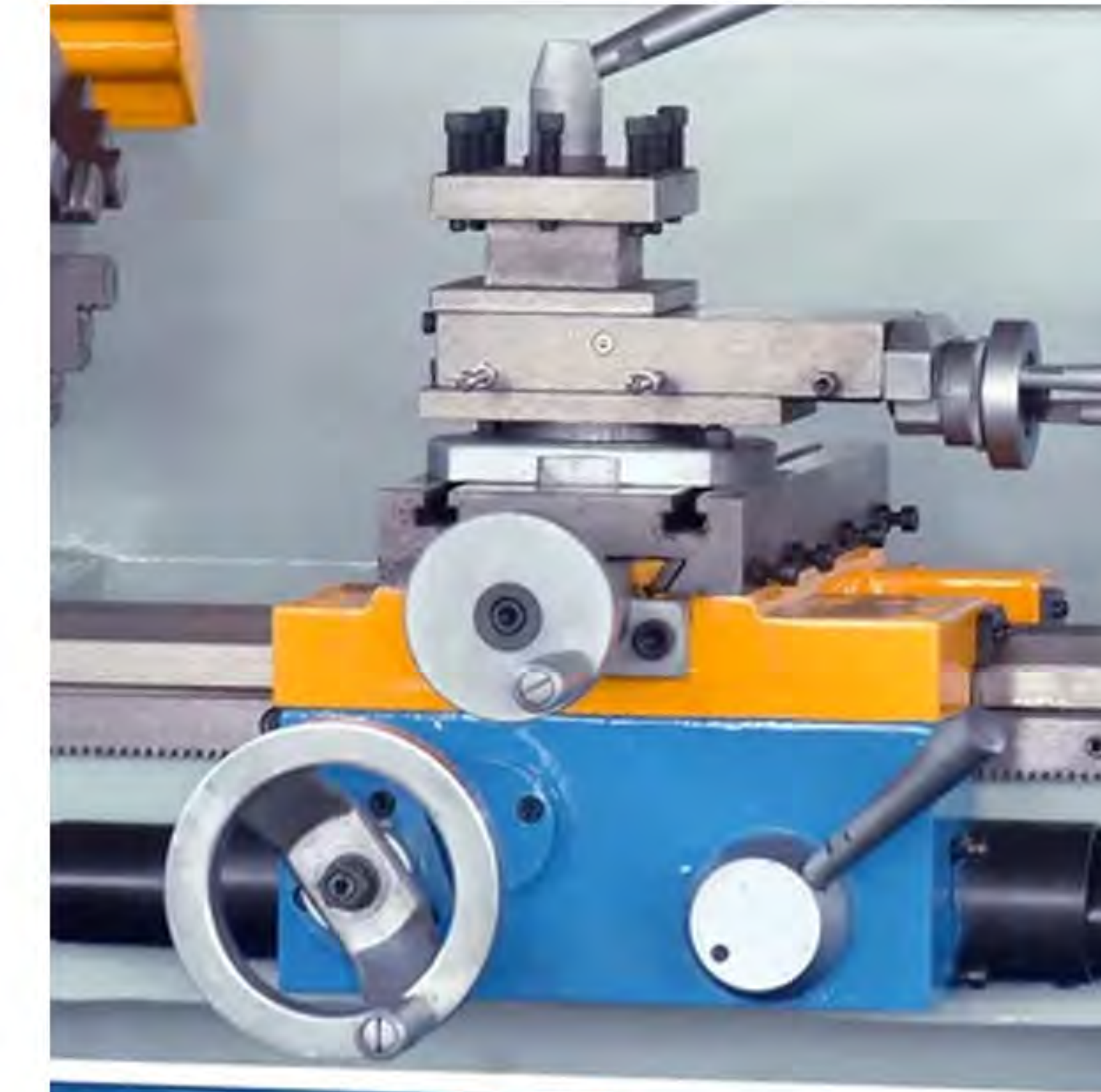
● STANDARD CONFIGURATION

Standard Acc
3 jaw chuck125mm
4 jaw chuck125mm
Steady rest& follow rest
Face plate
Change gear sets
Splash guard
Oil tray
Dead center*2

● OPTIONAL ACC

Footstand
Chuck guard
Leadscrew cover
Tool post cover
Live centerMT#2
Drill chuck with arbor

✓ TECHNICAL FEATURES



● FEATURES

With hardened and ground guideways.

The spindle is supported with precision roller bearings.

✓ MAIN SPECIFICATIONS

	MainTechnicaldata	T250	T250V
Capacity	Max.swing over bed	250mm	
	Max.swing over cross slide	140mm	
	Max. swing in gap	w/ogap	
	Distance between centers	400/550/750	
Spindle	Width of bed	135mm	
	Spindle bore	21mm	26mm
	Taper of spindle bore	M.T.#3	M.T.#4
	Range of spindle speeds	125--- 2000rpm	50---2500rpmVariable
Threads	Threads Metric pitches	0.1-2. 5mm/19kinds	0.1-3.5mm/24kinds
	Threads Imperial pitches	8-56T.P.1./18kinds	
	Threads diametral pitches		
	Threads module pitches		
Feeds	Max. travel of top slide	68mm	
	Max. travel of cross slide	11 5mm	
	Cross feeds range	0.1-0.2mm/rev	
Tailstock	Longitudinal feeds range		
	Quill diameter	30	
	Quill travel	65mm	
Motor	Taper of quill	M.T.#2	
	Motor power	550w	750w
Packing&others	Coolant pump power	w/opump	
	Tool section	14x14	
	Packing size(L*W*H)	1045/1155/1355X560X565mm	
	N.W/G.W	105/109/119kg	

PRECISION LATHE



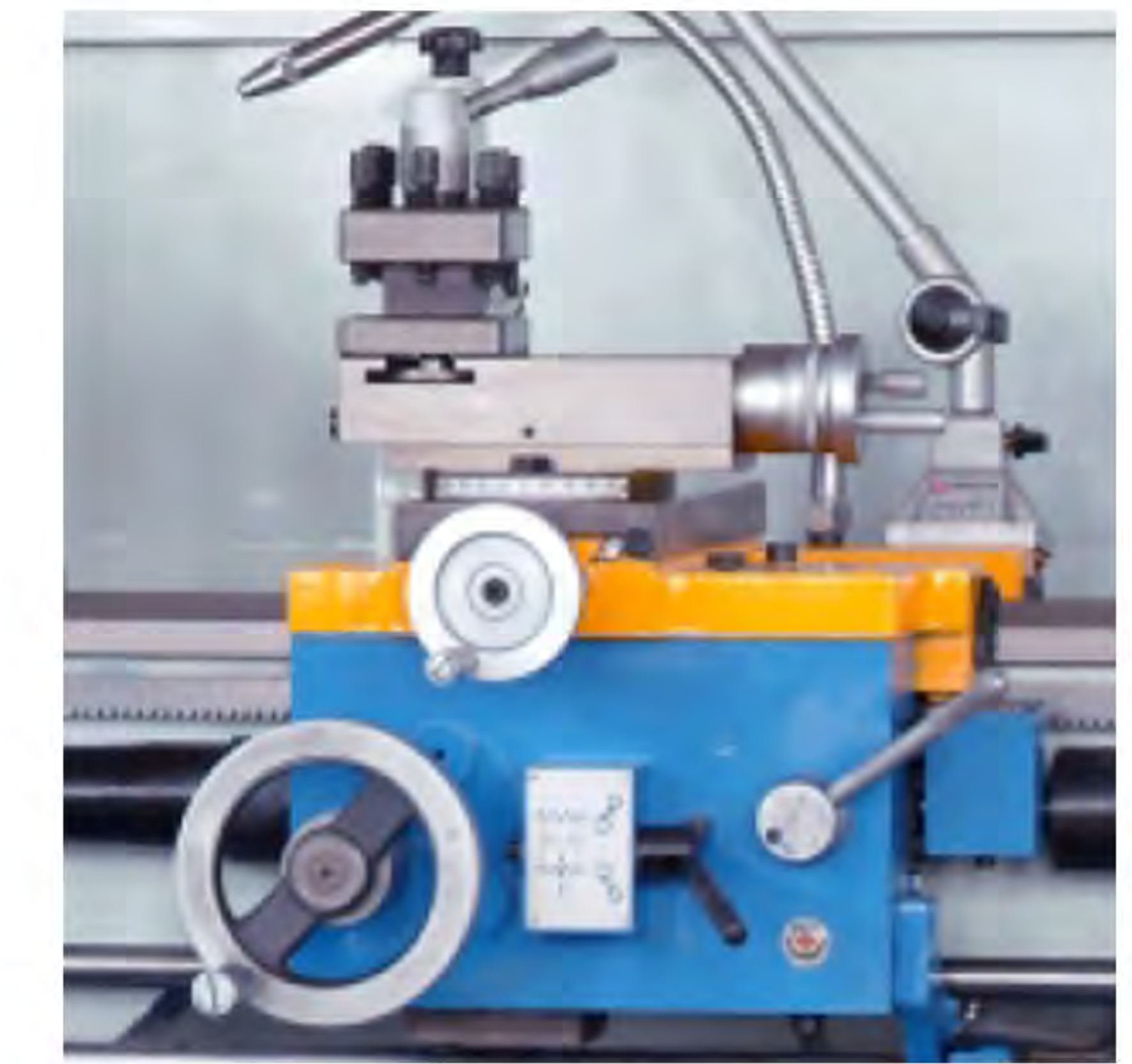
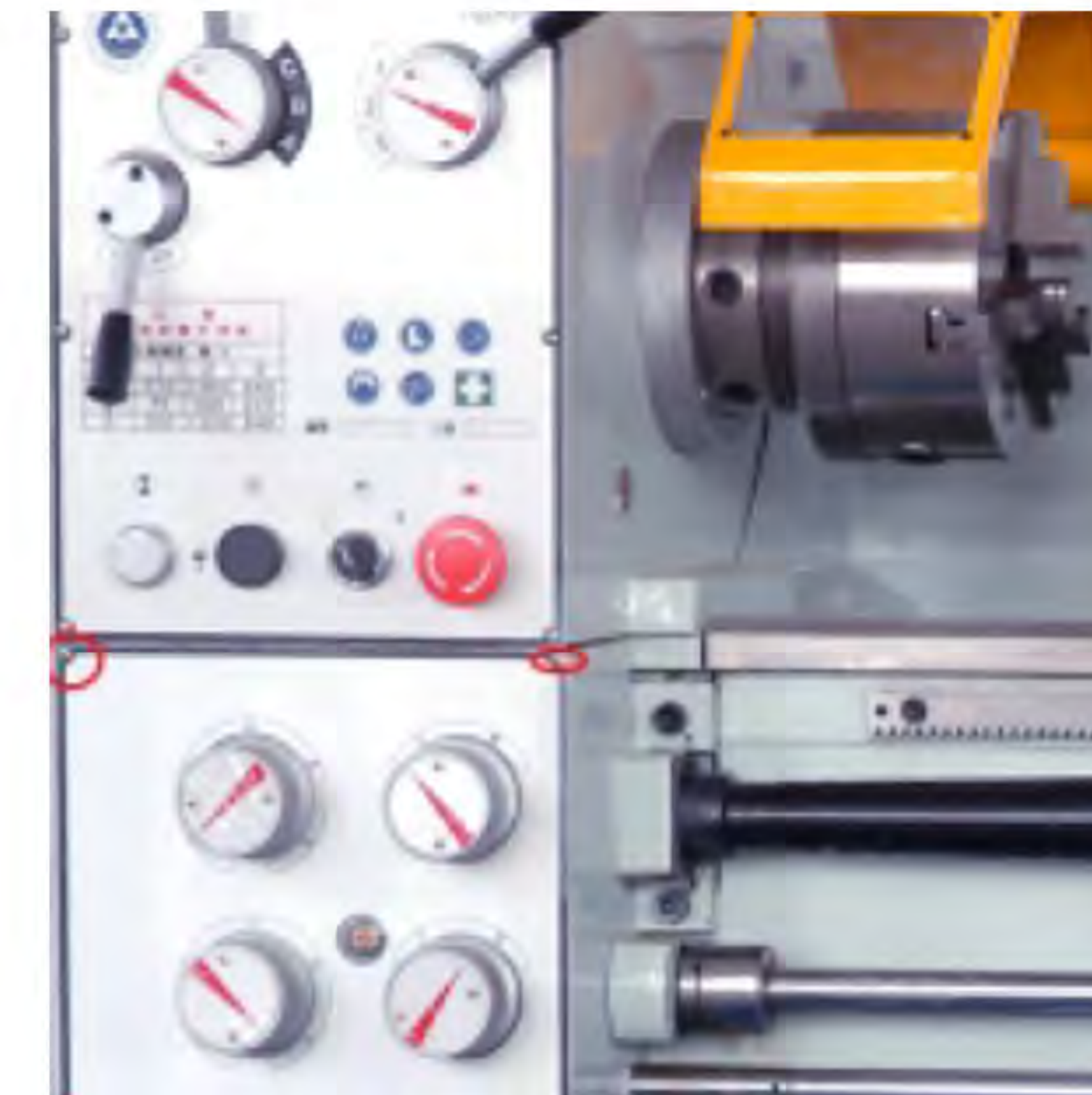
STANDARD ACC

3 jaw chuck 160mm
 4 jaw chuck 200mm
 Steady rest & follow rest
 Working lamp
 Face plate
 Reduction sleeve, dead center
 Footstand

OPTIONAL ACC

Coolant pump
 Brake system
 Chuck guard
 Leadscrew cover
 Tool post cover
 Live center
 Drill chuck with arbor
 Casting iron stand
 Taper turning attachment
 Digital readout (2 Axis/3 Axis)
 Quick change tool post
 Thread dial indicator

TECHNICAL FEATURES



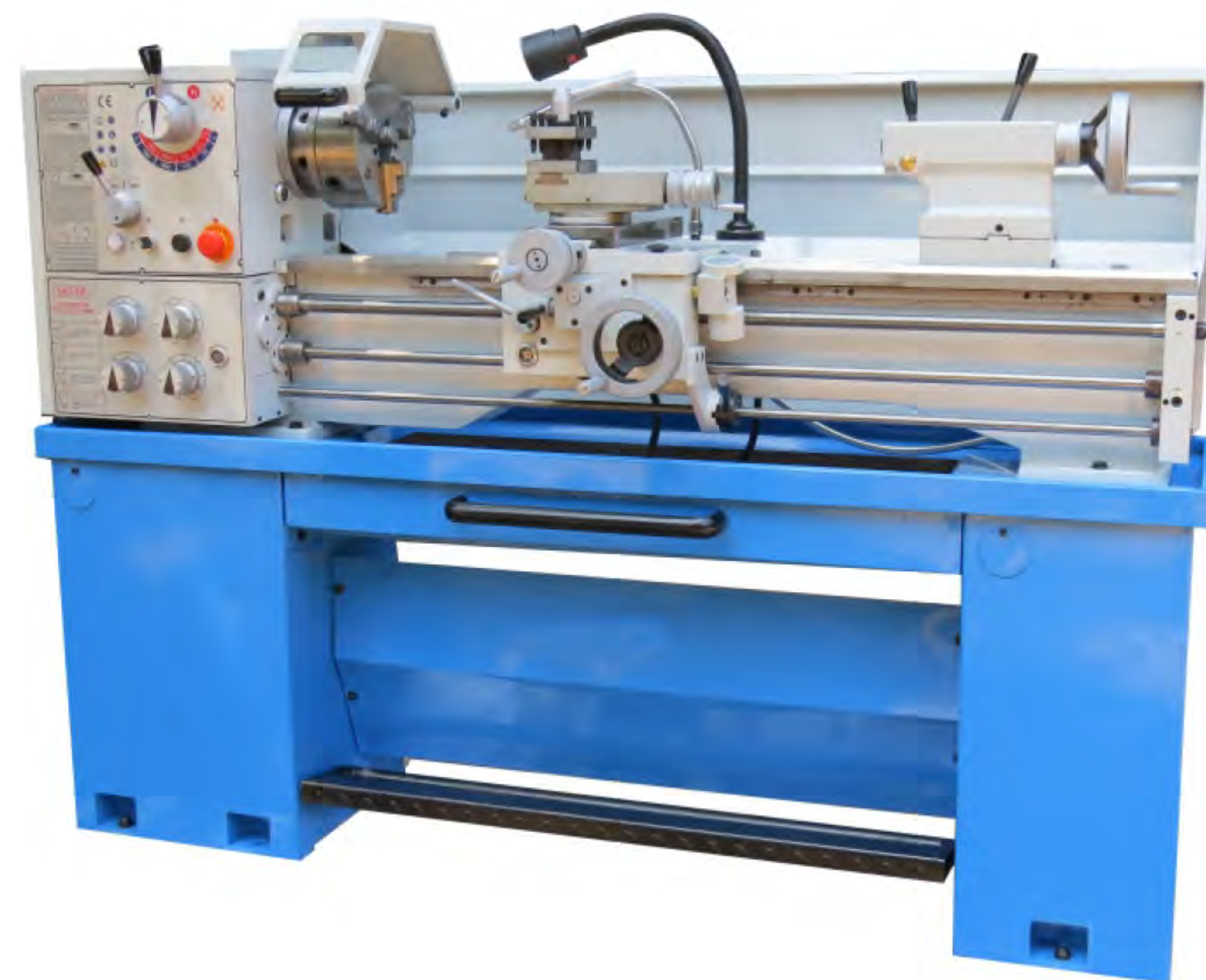
FEATURES

With hardened and ground guideways.
 The spindle is supported with precision roller bearings.
 Headstock gears are made of high quality steel ground and hardened.
 Removable gap is provided for larger diameter work.
 Stand with drawer optional.

MAIN SPECIFICATIONS

Main Technical data		T310	T330
Capacity	Max. swing over bed	Φ310mm	Φ330mm
	Max. swing over cross slide	Φ190mm	Φ210mm
	Max. swing in gap	Φ450mm	Φ470mm
	Distance between centers	750mm/910mm/1000mm	
Spindle	Width of bed	181mm	
	Spindle bore	Φ38mm	
	Taper of spindle bore	M.T.#5	
	Range of spindle speeds	18 steps 65-1810rpm	
Threads	Threads Metric pitches	0.4-7mm/32 kinds	
	Threads Imperial pitches	4-60 T.P.1./36 kinds	
	Threads diametral pitches	/	
	Threads module pitches	/	
Feeds	Max. travel of top slide	85mm	
	Max. travel of cross slide	170mm	
	Cross feeds range	0.01-0.276mm/rev	0.001-0.011"/rev
	Longitudinal feeds range	0.053-1.291mm/rev	0.002-0.051"/rev
Tailstock	Quill diameter	Φ32	
	Quill travel	100mm	
	Taper of quill	M.T.#3	
	Motor power	1.5KW	
Motor	Coolant pump power	40W	
	Tool section	16x16mm	
	Packing info. (integrated)	1480/1680/1860X750X1465mm	
	Packing info. (separated)	1480/1680/1860X750X730mm	
Packing&others	Packing info. (Stands)	L:670X390X350mm, 32/39kg	

PRECISION LATHE



STANDARD ACC

- 3. jaw chuck200mm
- 4 jaw chuck200mm
- Steady rest& follow rest
- Working lamp
- Face plate
- Change gear sets
- Reduction sleeve,dead center
- Footstand
- Coolant pump
- Brake system

OPTIONAL ACC.

- Chuck guard
- Leadscrew cover
- Tool post cover
- Live center
- Drill chuck with arbor
- Casting iron stand
- Taper turning attachment
- Digital readout(2Axis/3Axis)
- Quick change tool post

TECHNICAL FEATURES



FEATURES

- With hardened and ground guideways.
- The spindle is supported with precision roller bearings.
- Headstock gears are made of high quality steel ground and hardened.
- Stand with drawer optional.
- Stepless speed as optional.

MAIN SPECIFICATIONS

	MainTechnicaldata	T360	T360V
Capacity	Max. swing over bed		φ360mm
	Max. swing over cross slide		φ224mm
	Max. swing in gap		φ502mm
	Distance between centers		1000mm
Spindle	Width of bed		187mm
	Spindle bore		φ51 mm
	Taper of spindle bore		M.T.#6
	Range of spindle speeds	8steps70-2000rpm	Stepless speed L:70-440rpm H:350- 2000rpm
Thread cutting	Threads Metric pitches		0.4-7 mm/26kinds
	Threads Imperial pitches		4-56T..I./34kinds
	Threads diametral pitches		
	Threads module pitches		
Range of feeds	Max. travel of top slide		97mm
	Max. travel of cross slide		153mm
	Cross feeds range		0.014-0.38mm/rev0.007-0.01 87"/rev
	Longitudinal feeds range		0.052-0.392mm/rev (Metric) /0.002-0.548/rev (Inch)
Tailstock	Diameter for tailstock sleeve		φ42
	Max. travel for tailstock sleeve		120mm
	Taper of quill sleeve		M.T.#4
	Motor power		1.5KW/1.8KW (1PH)
Packing&other\$	Coolant pump power		40W
	Packing info. (integrated)		1920X750X1465mm500/600kg
	Packing info. (separated)		1920X750X7 30mm440/510kg
	Packing info. (Stands)		L:670X390X350mm,32/39kg R:670X390X280mm,26/32kg

Gap Lathe
(φ65mm spindle hole)



OVERVIEW

● STANDARD ACCESSORIES

- 3-jaw chuck 250mm
- Driving plate
- Center & center sleeve
- Oil gun
- Wrenches
- Operation manual

MAIN SPECIFICATIONS

MODEL		CD6 1/2 368	CD6 1/2 408	CD6 1/2 508	CD6 1/2 608
CAPACITIES	Max. swing over bed	360mm(14")	400mm (16)	500mm (20")	600mm (24")
	Max. swing over cross slide	185mm (7 1/4")	225mm (9")	325mm (13")	360mm (14")
	Center distance		1000, 1500, 2000mm		
	Max swing over gap	490mm (20")	530mm (21")	630mm (25")	730mm (29")
HEADSTOCK	Effective length of gap		260mm(10 1/4")		
	Bed width		330mm (13")		
	Spindle hole		65mm (2 3/5")		
	Spindle nose		ISO-C6 or ISO-D6		
	Spindle taper		Metric 70mm		
	Spindle speeds (Number)		22-1800rpm (15 Steps)		
FEEDS	Metric threads range (Kinds)		0.5-28mm(66 kinds)		
	Inch threads range (Kinds)		1-56inch (66 Kinds)		
	Moudle threads range (Kinds)		0.5-3.5mm (33 Kinds)		
	Diametral threads range (Kinds)		8-56D.P (33 Kinds)		
	Longitudinal feeds range (Kinds)		0.072-4.038mm/rev(0.0027-0.15 inch/rev)(66 Kinds)		
	Cross feeds range (Kinds)		0.036-2.019mm/rev (0.0023-0.075 inch/rev) (66 Kinds)		
CARRIAGE	Rapid travelling speed of carriage		5m/min(16.4ft./min)		
	Leadscrew size: Diameter Pitch		35mm/6mm or 35mm/1/4"		
	Cross slide travel		300mm (13")		
	Compound rest travel		130mm (5")		
	Cross-section size of toolshank	20x20mm	20x25mm (1x6/8inch)		25x25mm
TAILSTOCK	Taper of tailstock sleeve		Morse No.5		
	Diameter of tailstock sleeve		75mm (2 3/5")		
	Travel of tailstock sleeve		120mm (4 3/4")		
MOTOR	Main drive motor	4.0kw or 5.5kw or 7.5kw		5.5kw or 7.5kw	
	Coolant pump motor		0.125kw		
	Rapid traverse motor		0.12kw		
Packing Size(L x W x H)					
Center distance	1000mm		2420x1150x1800mm(96x46x71in.)		
	1500mm		2920x1150x1800mm(115x46x71in.)		
	2000mm		3460x1150x1800mm(137x46x71in.)		
Net Weigh/Gross Weight (Kgs)					
Center distance	1000mm	1520/2170kg	1560/2210kg	1680/2250kg	1640/2290kg
	1500mm	1750/2390kg	1770/2410kg	1830/2470kg	1870/2530kg
	2000mm		2010/2780kg	2070/2820kg	2130/2860kg

Gap Lathe
(φ80mm spindle hole)



OVERVIEW

● OPTIONAL ACCESSORIES

- Steady rest
- Follower rest
- 4-jaw chuck 320mm
- Face plate
- Thread dial
- Longitudinal automatic trip
- Live center
- Quick change toolpost
- Taper copy ruler
- 4-position longitudinal automatic trip

MAIN SPECIFICATIONS

MODEL		CD6 1/2 40C	CD6 1/2 50C	CD6 1/2 60C
CAPACITIES	Max. swing over bed	400mm (16")	500mm (20")	600mm (24")
	Max. swing over cross slide	225mm (9")	325mm (13")	360mm (14")
	Center distance		1000 , 1500, 2000mm	
	Max swing over gap	530mm (21")	630mm (25")	730mm (29")
HEADSTOCK	Effective length of gap		260mm (10 1/4")	
	Bed width		330mm(13")	
	Spindle hole		80mm (2 3/5")	
	Spindle nose		ISO-C8 or ISO-D8	
	Spindle taper		Metric 85mm	
	Spindle speeds (Number)		24-1600rpm (15 Steps)	
FEEDS	Metric threads range (Kinds)		0.5-28mm (66 Kinds)	
	Inch threads range (Kinds)		1-56inch (66 Kinds)	
	Moudle threads range (Kinds)		0.5-3.5mm (33 Kinds)	
	Diametral threads range (Kinds)		8-56D.P (33 Kinds)	
	Longitudinal feeds range (Kinds)		0.072-4.038mm/rev (0.0027-0.15 inch/rev) (66 Kinds)	
	Cross feeds range (Kinds)		0.036-2.019mm/rev (0.0023-0.075 inch/rev) (66 Kinds)	
CARRIAGE	Rapid travelling speed of carriage		5m/min (16.4 ft/min)	
	Leadscrew size: Diameter Pitch		35mm/6mm or 35mm/1/4"	
	Cross slide travel		300mm (13")	
	Compound rest travel		130mm (5")	
	Cross-section size of toolshank		20 x 25mm (1 x 6/8inch)	25 x 25mm
TAILSTOCK	Taper of tailstock sleeve		Morse No.5	
	Diameter of tailstock sleeve		75mm (2 3/5")	
	Travel of tailstock sleeve		120mm (4 3/4")	
MOTOR	Main drive motor	4.0kw or 5.5kw or 7.5kw		7.5kw
	Coolant pump motor		0.125kw	
	Rapid traverse motor		0.12kw	
Packing Size(L x W x H)				
Center distance	1000mm		2420 x 1150 x 1800mm (96 x 46 x 71in.)	
	1500mm		2920 x 1150 x 1800mm (115 x 46 x 71in.)	
	2000mm		3460 x 1150 x 1800mm (137x 46 x 71in.)	
Net Weigh/Gross Weight (Kgs)				
Center distance	1000mm	1640/2290kg	1700/2350kg	1800/2500kg
	1500mm	1850/2500kg	1910/2610kg	2010/2760kg
	2000mm	2090/2860kg	2150/2920kg	2250/3070kg

Gap Lathe
(φ103mm spindle hole)



OVERVIEW

- **STEADY REST**
 - Follower rest
 - 5-jaw chuck 320mm
 - Face plate
 - Thread dial
 - Longitudinal automatic trip
 - Live center
 - Quick change toolpost
 - Taper copy ruler
 - position longitudinal antomatic trip

MAIN SPECIFICATIONS

SPECIFICATIONS		CY6 1/2 50	CY6 1/2 60	CY6 1/2 66	CY6 1/2 80
CAPACITIES	Swing over bed	500 (24")	600 (24")	660 (26")	800 (32")
	Swing in gap	275mm	375mm	435mm	545mm
	Valid length of gap	700mm (31 1/2")	800mm (31 1/2")	860mm (33 4/5")	1000mm (39")
	Max length of work piece	1000mm (39 1/8") 1500mm (59") 2000mm (78 3/4") 3000mm (118")			
HEADSTOCK	Width of bedways	400mm (15 3/4")			
	Spindle nose	ISO-C31 or ISO-D31			
	Spindle bore	φ103mm (4")			
	Range of spindle speeds, Number	9-1275rpm/18, 16-81rpm/6			
FEEDS	Max. travel of compound rest	110mm			
	Max.travel of Cross slide	325mm			
	Longitudinal leadscrew pitch	12mm or 2TPI			
	Section of tool	32x32mm			
	Lonatitudinal feeds range	72kinds 0.073-4.066mm/rev			
	Cross feeds range	72kinds 0.036-2.033mm/rev			
	Metric threads range	72kinds 0.5-112mm/rev			
	Inch threads range	72kinds 56-1/4 1/inch			
	Module threads range	36kinds 0.5-7mm			
	Diametral threads range	36kinds 56-4Dp			
CARRIAGE	Dia. of tailstock sleeve	φ90mm			
	Morse taper of tailstock sleeve	Morse No.6			
	Travel of tailstock sleeve	150mm			
	Cross adjustment range	10mm			
TAILSTOCK	Power of main motor	7.5kw 11kw as optional			
	Power of quick-travel motor	250w			
MOTOR	Power of coolant pump	99w			
	Power of supply	220V, 380V, 420V (50Hz, 60Hz)			
Packing Size(L x W x H)	1600mm	2200 x 1300 x 2100mm			
	1500mm	3320 x 1300 x 2100mm			
	2000mm	3820 x 1300 x 2100mm			
	3000mm	4820 x 1300 x 2100mm			
N.W/G.W	1600mm	2900/3500kg			
	1500mm	3150/3750kg			
	2000mm	3400/4050kg			
	3000mm	3800/4450kg			
		3000/3500kg			
		3250/3850kg			
		3500/4150kg			
		3900/4550kg			
		3150/3750kg			
		3400/4050kg			
		3650/4300kg			
		4050/4700kg			

High Speed Gap Lathe
(φ52/φ82/φ105 spindle hole)



OVERVIEW

- **SPECIAL ACCESSORIES**
 - Chip guard
 - Big steady rest
 - Big follow rest
 - Taper turning attachment
 - Automatic feed stop
 - Quick change tool post
 - Tool cover and chuck cover
 - Protection for leadscrew

MAIN SPECIFICATIONS

SPECIFICATIONS		UNIT	GL6240	GL6250/B	GL6266/B	GL6280B	GL6250C	GL6266C	GL6280C
Capacity	Max swing dia. over bed	mm	φ400	φ500	φ660	φ800	φ500	φ660	φ800
	Max swing dia. in gap	mm	φ630	φ710	φ870	φ1000	φ710	φ870	φ1000
	Max swing dia. over slides	mm	φ220	φ300	φ420	φ560	φ300	φ420	φ560
	Max workpiece length	mm	750/1000/1500/2000/3000		1000/1500 2000/3000	2000/3000	1000/1500 2000/3000		2000/3000
Spindle	Spindle bore diameter	mm	φ52	φ82	φ82	φ105			
	Type of spindle nose		CS6240: ISO 702IIII No. 6 bayonet lock; others: ISO 702II NO.8 com-lock type						
	Spindle speed	rpm	24 steps 9-1600			24 steps 8-1400	12 steps 36-1600		12 steps 30-1400
	Spindle motor power	KW				7.5			
Tailstock	Diameter of quill	mm	φ75			φ90			φ90
	Max travel of quill	mm				150			
	Taper of quill (Morse)	MT				5			
	Tool OD.size	mm				25×25			
Turret	Max X travel	mm				145			
	Max.Z travel	mm			320			310	320
	X feed range	mm/r		93 kinds 0.028-6.43				65 kinds 0.063-2.52	
	Z feed range	mm/r		93 kinds 0.012-2.73				65 kinds 0.027-1.07	
Feed	Metric threads	mm		48 kinds0.5-224				22 kinds 1-14	
	Inch threads	tpi		48 kinds 72-1/4				25 kinds 28-2	
	Module threads	mm		42 kinds 0.5-112				18 kinds 0.5-7	
	Diametric pitch threads	tpit		42 kinds 56-1/4				24 kinds 56-4	
Other	Cooling pump motor power	KW				0.06			
	Length	mm	2382/2632/3132/3632/4632		2632/3132 3632/4632	3365/4365	2632/3132 3632/4632		3365/4365
	Width	mm		975		1050		975	1340
	Height	mm		1230	1350	1460	1270	1450	1490
Weight		kg	1795/2050	2050/2100	2400/2600	3300/3700	2100/2300	2200/2400	3000/3200
			2250/2450/2850	2300/2500/2900	2800/3000		2500/2900	2600/3000	

Universal Lathe
LZ6180C



OVERVIEW

- STANDARD ACCESSORIES
- 3-jaw chuck 320mm
- 4-jaw chuck 400mm
- Steady rest 20-135mm
- Follower rest 20-135mm
- Exchange gears
- Wrenches

MAIN SPECIFICATIONS

Model	CZ6285	CZ6295	CZ6100	CZ62120	CZ6 1/2 80C	CZ6 1/2 100C	CZ6 1/2 1120C
CAPACITIES							
Max.swing over bed	850mm	950mm	1000mm	1200mm	800mm	1000mm	1200mm
Max.swing over cross slide	520mm	600mm	600mm	600mm	485mm	685mm	685mm
Center distance		750,1000,1500,2000,3000,4000mm			1000,1500,2000,3000,4000,5000,6000,8000,10000mm		
Max. swing over gap	1050mm	1150mm	1200mm	1400mm	1000mm	1200mm	1400mm
Valid length of gap			300mm			300mm	
Bed width			490mm			550mm	
HEADSTOCK							
Spindle hole		φ80mm or 105mm				105mm	
Spindle nose				C11 or D-11			
Spindle taper		MT# 100				1:20	
Spindle speeds (Number)		14-750 or 18 900rpm (18steps)				14-750rpm (18 steps)	
GEAR BOX-THREADS & FEEDS							
Metric threads range (kinds)				1-240mm (54 kinds)			
Inch threads range (kinds)				28-1 inch (37 kinds)			
Moudle threads range (kinds)		0.5-60 DP (45 kinds)				0.5-60 DP (27 kinds)	
Diametral threads range (kinds)			30-1 t.p. (27 kinds)				
Longitudinal feeds range (Kinds)		0.05-1.42mm/r (72 kinds)				0.05-22.8mm/r (72 kinds)	
Cross feeds range (kinds)		0.015-0.48mm/r (72 kinds)				0015-7.6mm/r (72 kinds)	
Rapid feed Long /Cross				6/2m/min			
Leadscrew sideDiameter/pitch				T48mm/12mm			
CARRIAGE							
Cross slide travel		400mm				420mm	
Compound rest travel		230mm				140mm	
Size of tool shank		30x30mm				32x32mm	
TAILSTOCK							
Spindle diameter		120mm				100mm	
Spindle taper				MORSE#6			
Spindle travel				205mm			
MOTOR							
Main drive motor				11kw			
Coolant pump motor				0.9kw			
Rapid feed motor		0.12kw				0.18kw	
Center distance: 750mm	3700kg		2792x1276x1390mm		4200	4700	
1000mm	4000kg		3042x1276x1390mm		4500	5000	
1500mm	4500kg		3542x1276x1390mm		5000	5500	
2000mm	5000kg		3952x1276x1390mm		5500	6000	
3000mm	5500kg		4952x1276x1390mm		6000	6500	
4000mm	6000kg		5952x1276x1390mm		6500	7000	

Heavy Duty Lathe



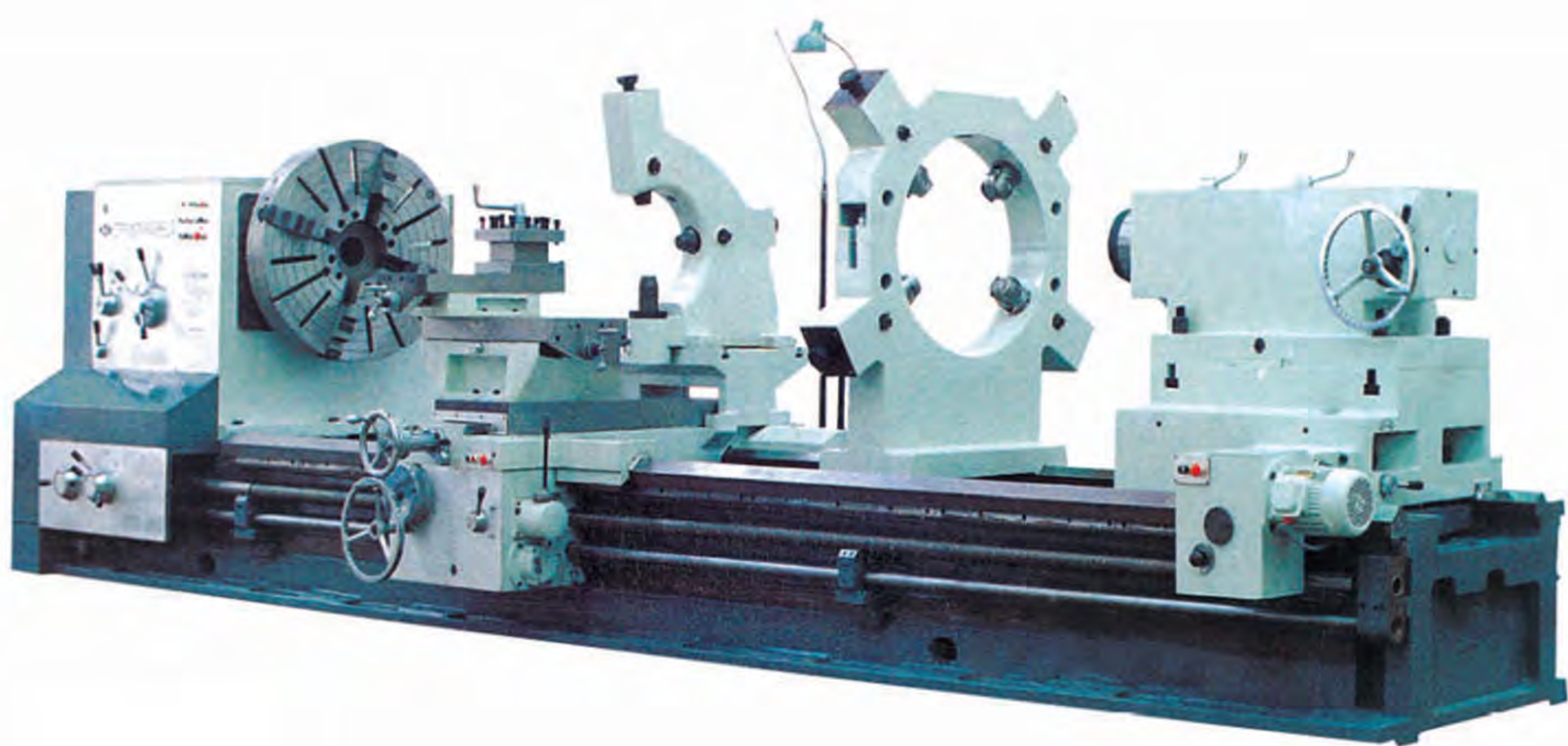
OVERVIEW

- STANDARD ACCESSORIES
- 4-jaw chuck
- Centre
- Lighting unit
- Cooling unit
- Special tools

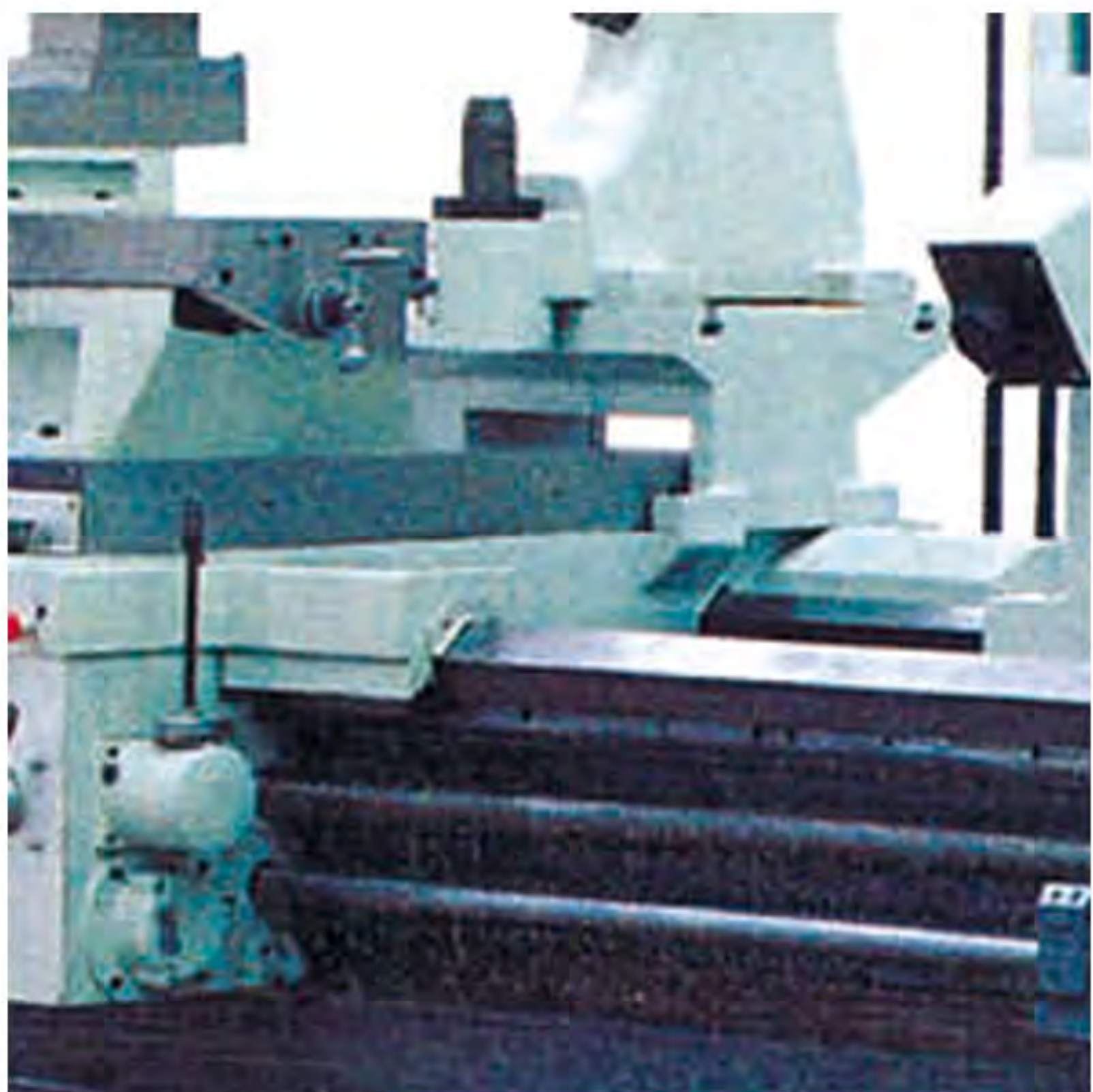
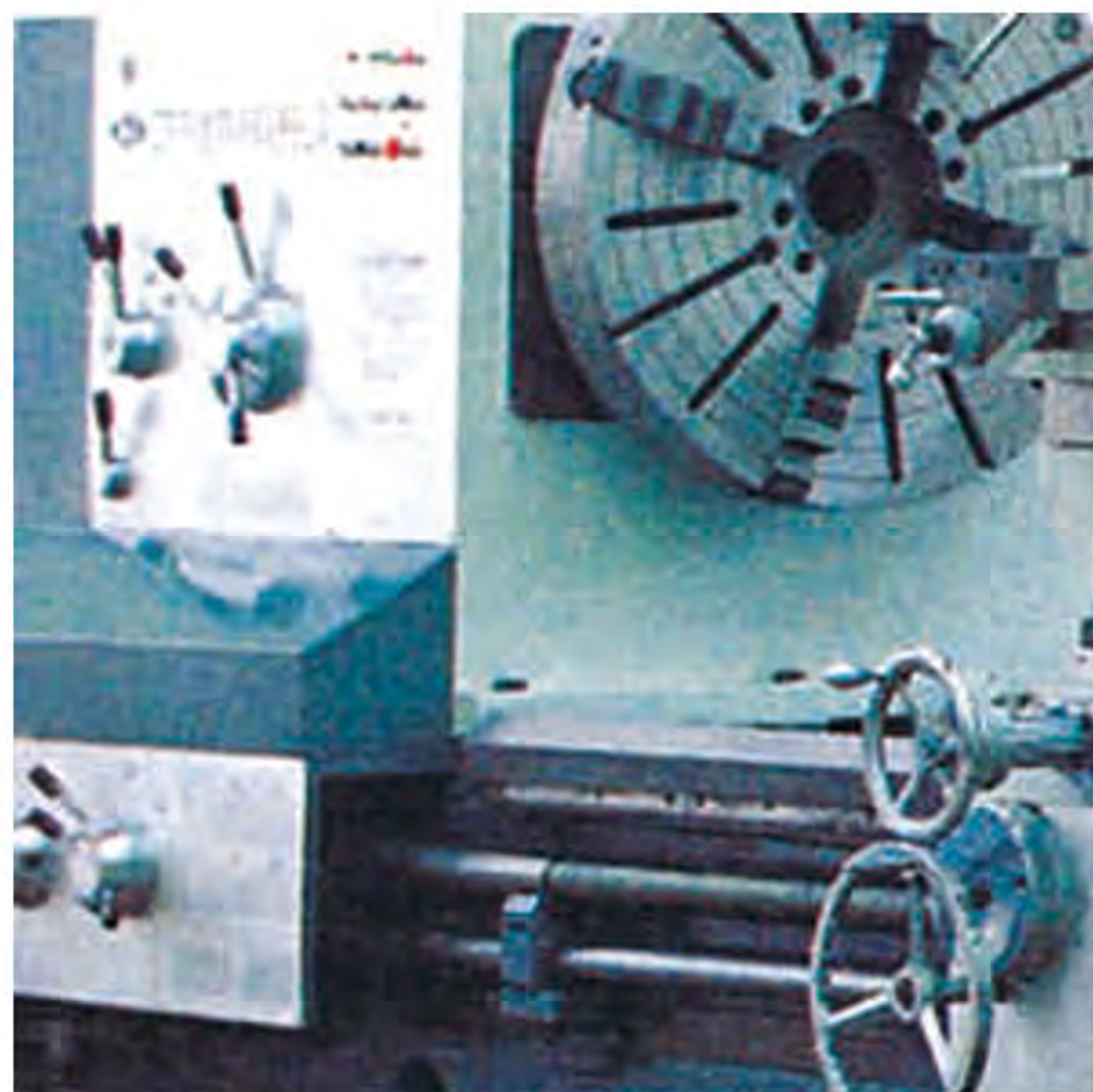
MAIN SPECIFICATIONS

Model	CWA61100	CWA61125	CWA61140	CWA61160
Max.weight of workpiece	6T	6T	6T	6T
Max.swing over bed	1000mm	1250mm	1400mm	1600mm
Max swing over cross slide	620mm	870mm	1000mm	1100mm
Center distance		1.5m, 2m, 3m, 4m, 5m, 6m, 8m, 10m,12m		
Width of bed	780mm	780mm	780mm	780mm
Head Stock				
Spindle hole	φ130mm	φ130mm	φ130mm	φ130mm
Spindle taper	Metric 140#	Metric 140#	Metric 140#	Metric 140#
Spindle speeds		3.15-315 r/min or 2.5-250 f/min		
Gear box-threads & feeds				
Metric threads range(kinds)		44 Kind 1-120mm		
Inch threads range (kinds)		31Kind1/4-24		
Moudle threads range (kinds)		45Kind 0.5-60mm		
Diametral threads range (kinds)		38Kind 1/2-56DP		
Longitudinal feeds range (kinds)		56Kind 0.1-12mm		
Cross feed range (kinds)		56Kind 0.05-6mm		
Rapid feedLong/Cross		1200mmVmin, 1800mm/min		
Tool-Post				
Distance between Center & Tool	48mm	48mm	48mm	48mm
tool section	45x45mm	45x45mm	45x45mm	45x45mm
Carriage				
Cross slide travel	650mm	650mm	650mm	650mm
Compound rest travel	280mm	280mm	280mm	280mm
Tailstock				
Sleeve diameter	160mm	160mm	160mm	160mm
Sleeve taper	Metric 80# or MT6#	Metric 80# or MT6#	Metric 80# or MT6#	Metric 80# or MT6#
Sleeve travel	300mm	300mm	300mm	300mm
Motor				
Main motor	22kw	22kw	22kw	22kw
coolant motor	0.15kw	0.15kw	0.15kw	0.15kw
rapid feed motor	1.5kw	1.5kw	1.5kw	1.5kw
Center distance.		1500 11400kg 4200x1900x2400mm		
Net weight		2000 12200kg 4700x1900x2400mm		
Dimension CW61125		3000 13000kg 5700x1900x2400mm		
		4000 13800kg 6700x1900x2400mm		
		5000 14600kg 7700x1900x2400mm		
		6000 15400kg 8700x1900x2400mm		
		8000 17000kg 10700x1900x2400mm		
		10000 18600kg 12700x1900x2400mm		
		12000 20200kg 14700x1900x2400mm		

Heavy Duty Lathe



✓ TECHNICAL FEATURES



✓ MAIN SPECIFICATIONS

● INCLUDING

1.STANDARD ACCESSORIDS:

φ1000mm 4-jaw chuck(CW61108,CW61128),φ1250mm 4-jaw chuck(CW61148-CW61208).

Steady rest:φ200-φ500,φ300-φ800(for CW61128-CW61208/6000mm)

2.OPTIONAL ACCESSORIES:

Roll Support,bigger 4 jaw chuck

Model	CW6 1/2 10B	CW6 1/2 12B	CW6 1/2 14B	CW6 1/2 16B	CW6 1/2 19B
Max swing over bed	1080mm	1280mm	1480mm	1680mm	1980mm
Max swing over carriage	600mm	800mm	1000mm	1200mm	1500mm
Max swing over gap	1420mm	1620mm	1820mm	2020mm	2320mm
Weight of workpiece	10tons				
Center distance	2m,3m,4m,5m,6m, 8m,10m,12m				
Gap length	600m				
Bed width	1100mm				
Main spindle hole	φ130mm				
Spindle taper	Metric 140#				
Spindle speed	3.15-315r/min or 2-200r/min or 2.5-250r/min./21 steps counter clockwise;12steps counter clockwise				
Metric thread	44kinds 1-120mm				
Inch thread	31kinds 1/4-24tp				
Mould thread	45kinds 0.5-60mm				
Diametric thread	38kinds 1/2-56DP				
Longitudinal feeding range	56kinds 0.1-12mm				
Cross feeding range	56kind 0.1-12mm				
Rapid feeding (Long/Cross)	1200mm/min, 1800mm/min				
Tool section	45*45mm				
Crossslide trassers	860mm				
Toolpost trassers	400mm				
Tailstock quill diameter	φ260mm				
Tailstock quill taper	Metric 80#				
Quill traverse	300mm				
Main motor	30kw				
Coolant motor	0.15kw				
Rapid traverse motor	1.5kw				
Tailstock motor	3kw				

CKNC-40S CNC LATHE



● STANDARD CONFIGURATION

YJS-988TDi CNC system, Alpha 5.5KW servo main motor (K400), manual three-jaw chuck (limited speed below 2500rpm), manual tailstock, four-station electric tool rest, automatic lubrication system, electric cooling system, Lighting system, fully enclosed protective cover, Delixi Chint battery control components, a full set of technical data, random standard parts and tools.

● STANDARD ACCESSORIES

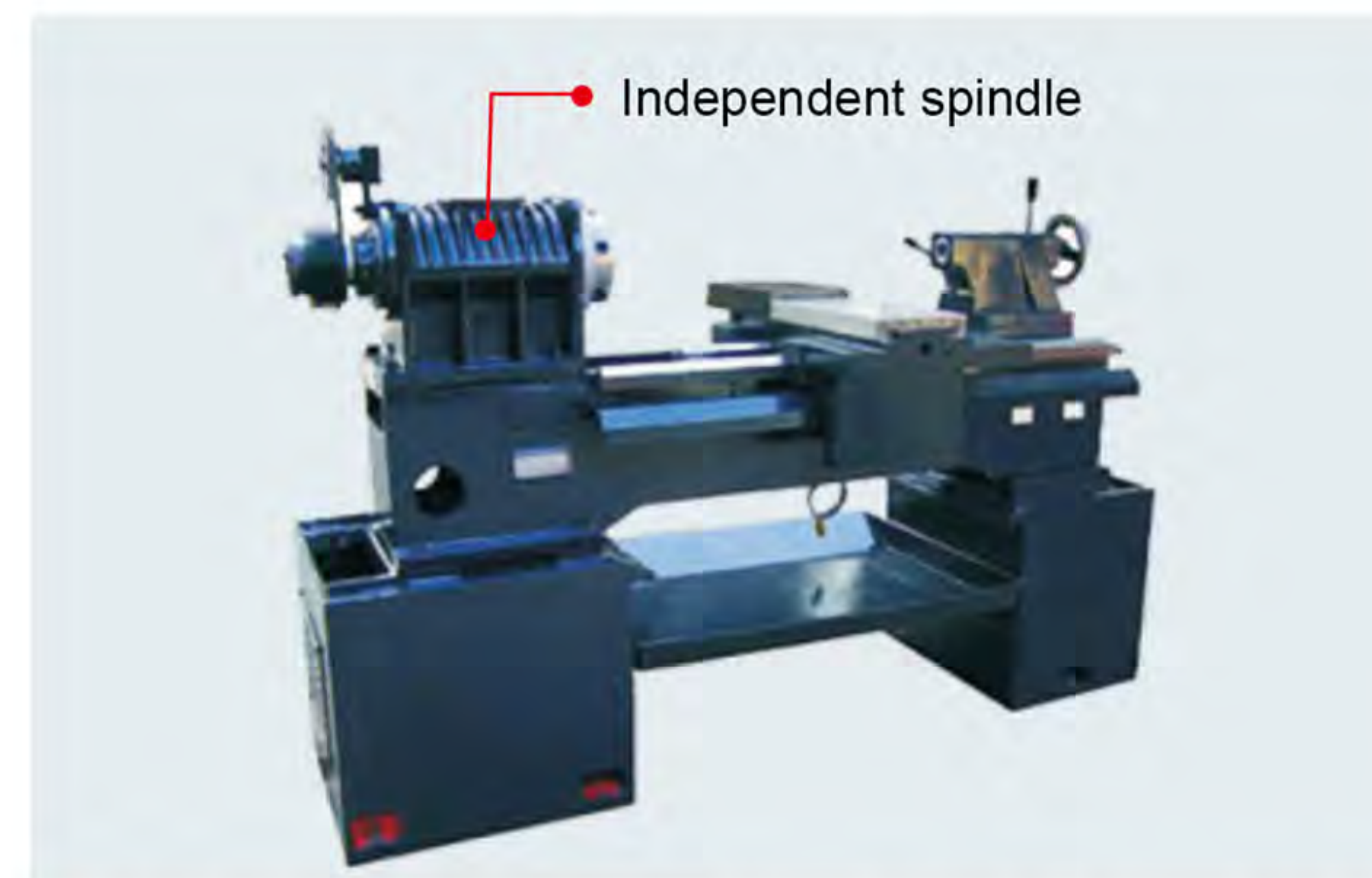
K11200C manual three-jaw chuck, manual and certificate, fixed top, a set of double-ended wrenches, a set of Allen wrenches, screwdrivers, shock-absorbing pads.

● OPTIONAL ACCESSORIES

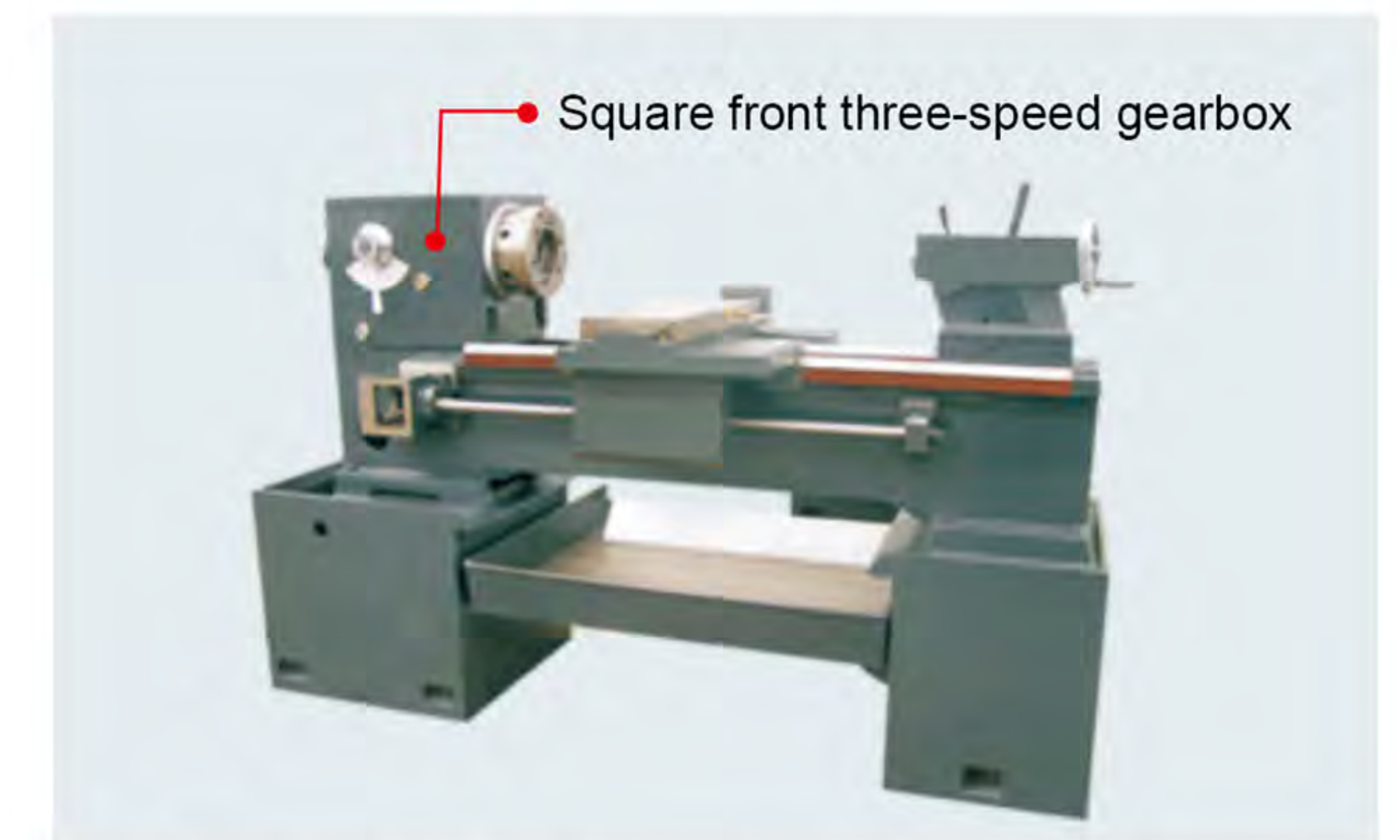
CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc. Hydraulic three-jaw chuck, six-station electric tool rest, tool row, etc.

✓ TECHNICAL FEATURES

The bed foot is made of resin sand, aging treatment, the width of the guide rail is 335mm, it is quenched by super audio frequency, and the pallet is pasted with plastic.



- CNC-K400/750 is suitable for machining copper, aluminum and other parts requiring high roughness at high speed. It is equipped with high-precision bearing special bearings and import special bearing grease. The whole spindle unit has small thermal deformation and good precision maintenance.



- CKNC-40S gear box three frequency conversion, low speed torque is large, suitable for processing steel, casting and other parts.

✓ MAIN SPECIFICATIONS

Specification		CNC-K400/750	CKNC-40S/750
Working areas	Max. swing over bed	420mm	420mm
	Max. swing over cross slide	210mm	210mm
	X-axis Max stroke	295mm	295mm
	Z-axis Max stroke	750mm	750mm
Bed	Bed width	335mm	335mm
	Center distance	750mm	750mm
Spindle	Spindle nose	A2-6	D-6
	Spindle taper	MT6#	MT6#
	Spindle hole	58mm	58mm
	Spindle speeds	200-3000r/m	Frequency conversion motor : 60-300 ; 250-800 ; 600-2000rpm
	Spindle motor power	5.5KW servo main motor	5.5KW common main motor
Servo Axis	Chuck	Three jaw chuck 200mm	
	Screw (Model)	2505/3210	2505/3210
	Motor torque	4NM/6NM	4NM/6NM
Tool Rest	Tool Post Stations	4、6	
	Cross-section size of toolshank	25mmx25mm	25mmx25mm
Tailstock	Dia. of tailstock sleeve	65mm	65mm
	Travel of tailstock sleeve	150mm	150mm
	Taper of tailstock sleeve	MT4#	MT4#
Power		380V/50HZ	380V/50HZ
Packing Size		2200x1400x1700mm	2200x1400x1700mm
Weight		1700KG	1700KG

CKNC-6150B CKNC-6150L



● STANDARD CONFIGURATION

YJS-988TDi CNC system, 7.5KW common main motor, Alpha inverter, 9250 manual three-jaw chuck, manual tailstock, four-station electric tool rest, automatic lubricating oil pump, electric cooling system, lighting system, fully enclosed protective cover (1-meter machine tool), semi-enclosed protective cover (1.5-meter and 2-meter machine tools) one-way or two-way line rail, Delixi Chint electrical control components, a full set of technical data, standard parts and tools are attached.

● STANDARD ACCESSORIES

Φ250mm manual three-jaw chuck, manual and certificate, fixed top, a set of double-ended wrenches, a set of Allen wrenches, screwdrivers, shock-absorbing pads.

● OPTIONAL ACCESSORIES

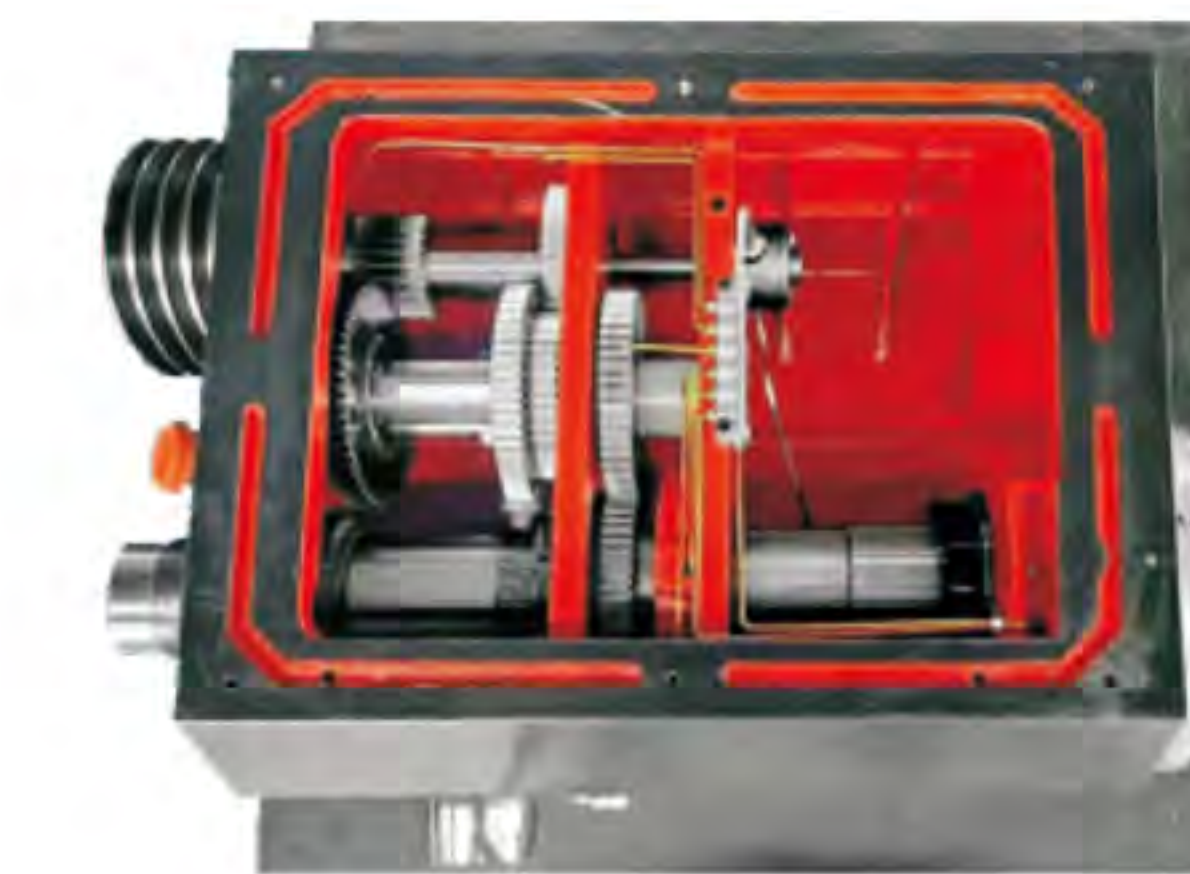
CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc. Alpha 7.5KW servo motor and 11KW frequency converter, 6163 four-station electric tool rest, six-station electric tool rest, B320mm three-jaw chuck, 400mm four-jaw chuck, center rack, tool rest, etc.

✓ MAIN SPECIFICATIONS

Lathe body and foot using resin sand casting, effective treatment, the use of super audio quenching, drag plate paste plastic.



- Lathe body and foot using resin sand casting, effective treatment, the use of super audio quenching, drag plate paste plastic.



- XZ direction is line rail, reduce friction coefficient, run more balanced, improve precision, improve roughness.

✓ MAIN SPECIFICATIONS

	Specification	CKNC-6150L	CKNC-6150B
Working areas	Max. swing over bed	500mm	500mm
	Max. swing over cross slide	270mm/240mm	290mm
	X-axis Max stroke	265mm	295mm
	Z-axis Max stroke	500mm,750mm,1000mm,1500mm,2000mm	1000mm,1500mm,2000mm
Bed	Bed width	401mm	401mm
	Center distance	500mm,750mm,1000mm,1500mm,2000mm	1000mm,1500mm,2000mm
Spindle	Spindle nose	A2-8	A2-8
	Spindle taper	Metric 90(1:20)	Metric 90 (1:20)
	Spindle hole	82mm	82mm
	Spindle speeds	45-260,140-800,550-1600rpm/min	45-260,140-800,550-1600rpm/min
	Spindle motor power	7.5Kw	7.5Kw
	Chuck	Three-jaw chuck; medium 250mm	Three-jaw chuck; small 250mm
Feed	Rail X/Z	GHH25CA/GH30CA Linear Guides	Hard Track
	Sevor motor torque	6NM/10NM	6NM/10NM
Tailstock	Dia. of tailstock sleeve	75mm	75mm
	Travel of tailstock sleeve	150mm	150mm
	Taper of tailstock sleeve	MT5#	MT5#
	Power	380V/50HZ	380V/50HZ
	Packing Size	3000mm*1700mm*1800mm	3000mm*1700mm*1800mm
	Weight	2800KG	2800KG

CKNC-65OL/B



STANDARD CONFIGURATION

YJS-988TDi CNC system, Alpha 11KW servo main motor, manual three-jaw chuck (limited speed below 2500rpm), No moving tailstock, four-station electric tool rest, automatic lubrication system, electric cooling system, Lighting system, fully enclosed protective cover, Delixi Chint battery control components, a full set of technical data, random standard parts and tools.

STANDARD ACCESSORIES

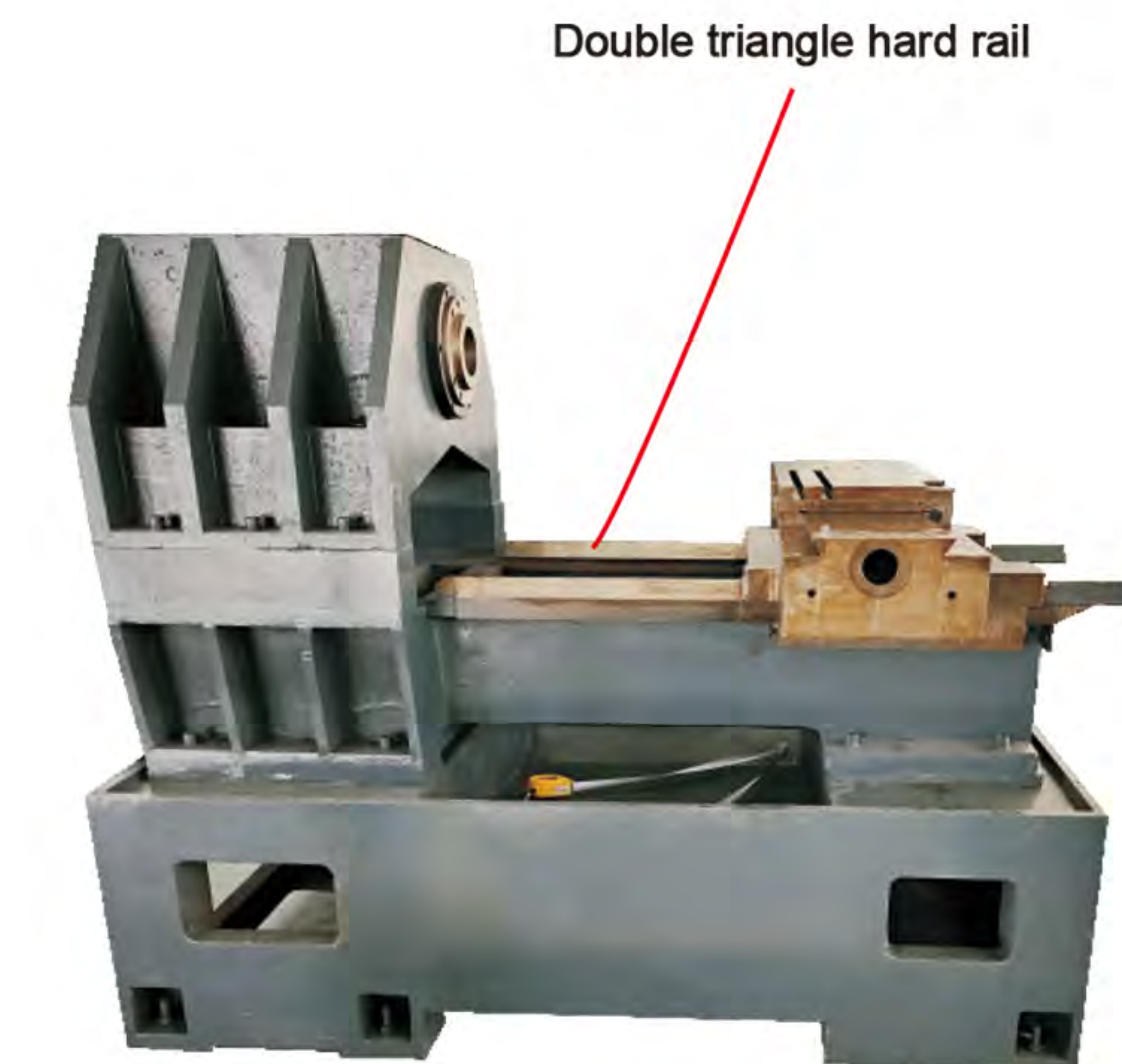
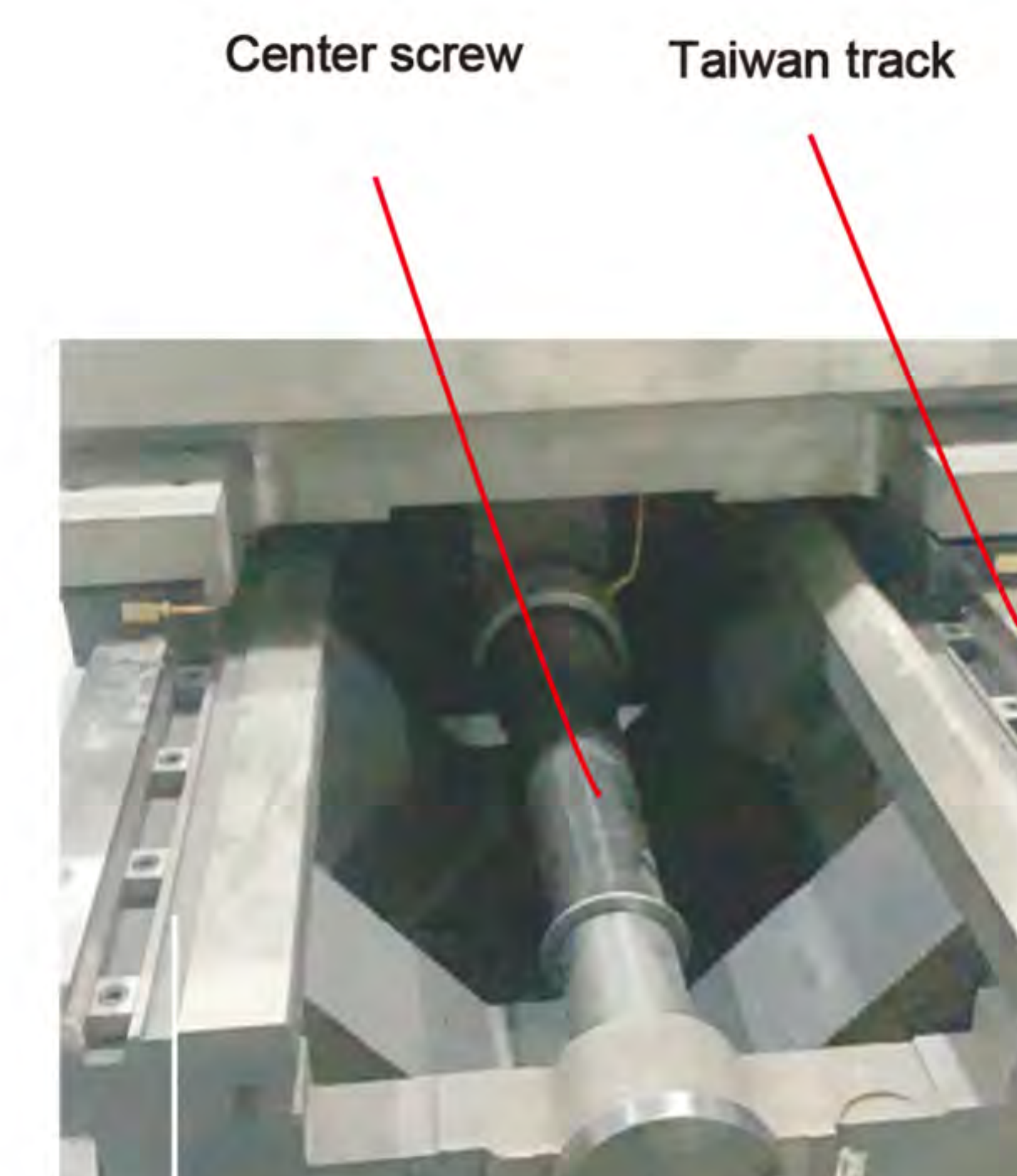
- $\Phi 250$ mm manual three-jaw chuck, manual and certificate, fixed top, a set of double-ended wrenches, a set of Allen wrenches, screwdrivers, shock-absorbing pads.

OPTIONAL ACCESSORIES

- CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc.

✓ MAIN SPECIFICATIONS

Lathe body and foot using resin sand casting, effective treatment, the use of super audio quenching, drag plate paste plastic.



✓ MAIN SPECIFICATIONS

Specification		Unit	CKNC-650L	CKNC-650B
Working areas	Max. swing over bed	mm	$\Phi 650$	$\Phi 650$
	Maximum workpiece length	mm	500	500
	Maximum cutting diameter	mm	$\Phi 300$	$\Phi 300$
	Maximum turning diameter	mm	330	330
	Width of bed	mm	550	550
	Z travel	mm	500	500
Torque	X travel	mm	380	380
	X-axis	N-m	6	6
	Z-axis	N-m	7.5	7.5
Rest		/	Four-station electric tool holder + row tool	
Guide rail		/	HGH35/40	Double triangle hard rail
Screw	X-axis screw	mm	3208/677	3208/677
	X-axis rapid displacement	m/min	8	8
	Z-axis screw	mm	4008/1188	4008/1188
	Z-axis rapid displacement	m/min	8	8
Dimensions		mm	2460x1600x1750	2460x1600x1750
Machine Weight		Kg	3300	3300

CKNC-0640L



• THE STANDARD CONFIGURATION

Yjs-988tdi numerical control system, Alpha 4KW servo motor, hydraulic collet, overall bed, knife row, automatic rail lubricating oil pump, electric cooling system, lighting system, Deli West Chint electrical control components, complete set of technical data, accompanied with standard parts and tools.

• STANDARD ACCESSORIES (ACCORDING TO THE FACTORY PACKING LIST)

Specification and qualification certificate, knife block, a set of double end wrench, a set of hex wrench, screwdriver, shock cushion iron.

• OPTIONAL SPECIAL CONFIGURATION

CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc.

.Hydraulic chucks are optional

✓ TECHNICAL CHARACTERISTICS



- 1 The spindle drive mode is belt type, the highest speed :4000rpm(standard)
- 2 The standard configuration of the tool holder for the row tool.
- 3 The spindle is A2-5 sets of simple spindle, with high rigidity.
- 4 Chuck clamping device for hydraulic cylinder with collet. Hydraulic chucks are optional.
- 5 The electrical box adopts internal isolation design to separate the heating source part of the controller.Avoid outside dust from entering the electric box; The hot plate is cooled by a fan at the rear.
- 6 The two axis adopts high precision ball screw, combined with precision nut prepressing and tail end prepulling device, Ensure that the machine backlash and thermal deformation are kept at a low value for a long time.
- 7 X and Z axis adopt linear guide rail, with high rigidity, low noise, low friction, can be done fast displacement and obtain the best cycle accuracy.
- 8 Strict inspection measures are taken before shipment to ensure the long-term stability of the precision of the machine.

✓ MAIN SPECIFICATIONS

Project	Unit	CK-0640L
Maximum turning diameter of the bed	mm	φ420
Maximum machining diameter	mm	φ280
Maximum machining diameter on tool rest	mm	φ140
Maximum machining length	mm	320
Positioning accuracy	mm	+ / - 0.005/300
X axis maximum stroke	mm	500
Maximum Z-axis stroke	mm	400
Repeated positioning accuracy	mm	+ / - 0.003
Spindle speed (standard)	rpm	4000
Spindle motor (recommended)	Kw	4
Bar through hole, pneumatic/hydraulic cylinder	mm	φ40/36
Spindle head form	\	A2-5
Hydraulic collet	/	/
System of controllers	/	/
The X/Z motor	NM	4月4日
Specification of screw of X.Z axis	mm	2510/3210
X.Z axis gauge	mm	30/30
Mechanical weight allowance	kg	1500
Overall dimensions	mm	1500 * 1300 * 1800

CKNC-6163/CKNC- 6180/CKNC- 61100



THE STANDARD CONFIGURATION

Yjs-988tdi numerical control system, 11KW ordinary main motor, Alpha 11KW inverter. $\phi 320$ manual three jaw chuck, manual tail seat, four stations. Electric tool holder (Changzhou), automatic lubrication system, electric cooling system, lighting system, semi-closed protective cover, Deli West Chint electrical control components. Complete set of technical data, standard accessories and tools.

STANDARD ACCESSORIES (ACCORDING TO THE FACTORY PACKING LIST)

$\psi 320\text{mm}$ manual three jaw chuck, specification and certificate, fixed top, double head wrench - set, hex wrench - set, screwdriver, anchor screw.

OPTIONAL SPECIAL CONFIGURATION

CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc.

Alpha 11KW servo main motor.

TECHNICAL CHARACTERISTICS



- The body and foot of the bed are cast with resin sand as a whole. Aging treatment, guide rail using super audio quenching.
- The main sliding surface adopts plastic pasting process to eliminate crawling and improve accuracy and retention.
- X and Z lead rods adopt three support structure.

MAIN SPECIFICATIONS

Lathe bed	Width of bed rail	mm	550	600mm bed bed foot integral casting	600mm bed bed foot integral casting
	Maximum center distance	mm	1000/1500/2000/3000	1000/1500/2000/3000	1500/2000/3000
The spindle	Spindle head type		A2-11 C-11	A2-11 C-11	A2-11 C-11
	Taper of spindle inner hole		The metric system (1:20)	The metric system (1:20)	The metric system (1:20)
	Main shaft aperture	mm	$\phi 105$	$\phi 105$	$\phi 105$
The spindle	Spindle variable speed level to teach manual 3 levels	r/m	40-125; 110-350; 290-950.	40-125; 110-350; 290-950.	40-125; 110-350; 290-950.
	Spindle motor power	KW	11	11	11
	Manual chuck dimensions	mm	$\phi 320$	$\phi 320$	$\phi 320$
Servo axis	The X axis screw		3206	3210	3210
	The Z axis screw		5010 (3M and above 6310)	6310 (3M and above 8012)	6310 (3M and above 8012)
	Tail seat sleeve diameter	mm	$\phi 100$	$\phi 120$	$\phi 120$
The tailstock	Tailseat sleeve behavior	mm	150	250	250
	Tail seat tip taper hole		MT5#	MT6#	MT6#
	Power Supply Specifications (Standard configuration)		Three-phase 380 v / 50 hz	Three-phase 380 v / 50 hz	Three-phase 380 v / 50 hz
The general specification	Overall dimensions	mm	3650x2050x1850	3900x2600x1850	3900x2600x2000
			4150x2050x1850 5200x2050x1850	4400x2600x1850	4400x2600x2000
	The net weight	Kg	4800 5100 6100	5600 6600 7850	5600 6600 7850

CKNC- 61125 / CKNC- 61100



● THE STANDARD CONFIGURATION

Yjs-988tdi numerical control system, 22KW ordinary main motor, Alpha frequency converter, +800 manual four-jaw chuck. Manual tail seat, electric tool rest (Changzhou), automatic lubrication system, electric cooling system, lighting system, semi-closed protective cover, Delichi Chint electrical control components, complete set of technical data, standard accessories and tools.

● STANDARD ACCESSORIES (ACCORDING TO THE FACTORY PACKING LIST)

φ800 manual four-jaw chuck, manual and table card, fixed top, double head wrench - set, hex wrench - set, screwdriver, anchor screw.

● OPTIONAL SPECIAL CONFIGURATION

CNC system: GSK, SYNTEC, KND, HNC, FANUC, etc.

Alpha 11KW servo main motor.

✓ TECHNICAL CHARACTERISTICS



- The body and foot of the bed are cast with resin sand as a whole. Aging treatment, guide rail using super audio quenching.
- X and Z lead rods adopt three support structure.

✓ MAIN SPECIFICATIONS

Project	Designation	Unit	CKNC-61125	CKNC-61100
Lathe bed	Width of bed rail	mm	755	755
	Maximum center distance	mm	1500	1500
	Maximum turning diameter of the bed	mm	φ1250	φ1000
	Maximum diameter of swivel through skateboard	mm	φ860	φ650
The scope of work	X axis (transverse) maximum stroke	mm	520	520
	Maximum Z-axis (longitudinal) stroke	mm	1500	1500
	XZ screw/torque	mm	2/23 4006801 nm / 27 nm + reducer	2/23 4006801 nm / 27 nm + reducer
	Spindle head type	type	A2-15	A2-15
The spindle	Main shaft aperture	mm	φ130	φ130
	Spindle speed	r/min	20-400 four gears	20-400 four gears
	Spindle motor power	KW	22	22
	Chuck form		φ1000 four claws	φ800 four claws
Rest	Four vertical stations		300x300	300x300
The tailstock	Tailseat sleeve diameter/stroke	mm	φ the 160 / L - 300	φ the 160 / L - 300
	Tail seat apex taper hole	V	MT6	MT6
	Power Supply Specifications (Standard configuration)	KW	380V	380V
The general specification	Overall dimensions	mm	4600x.2100x 2300	4600x2100x2300
	The weight	kG	9800	9800

CK-400G CK-630G CK-580G CK-800G



Long axis CNC lathe

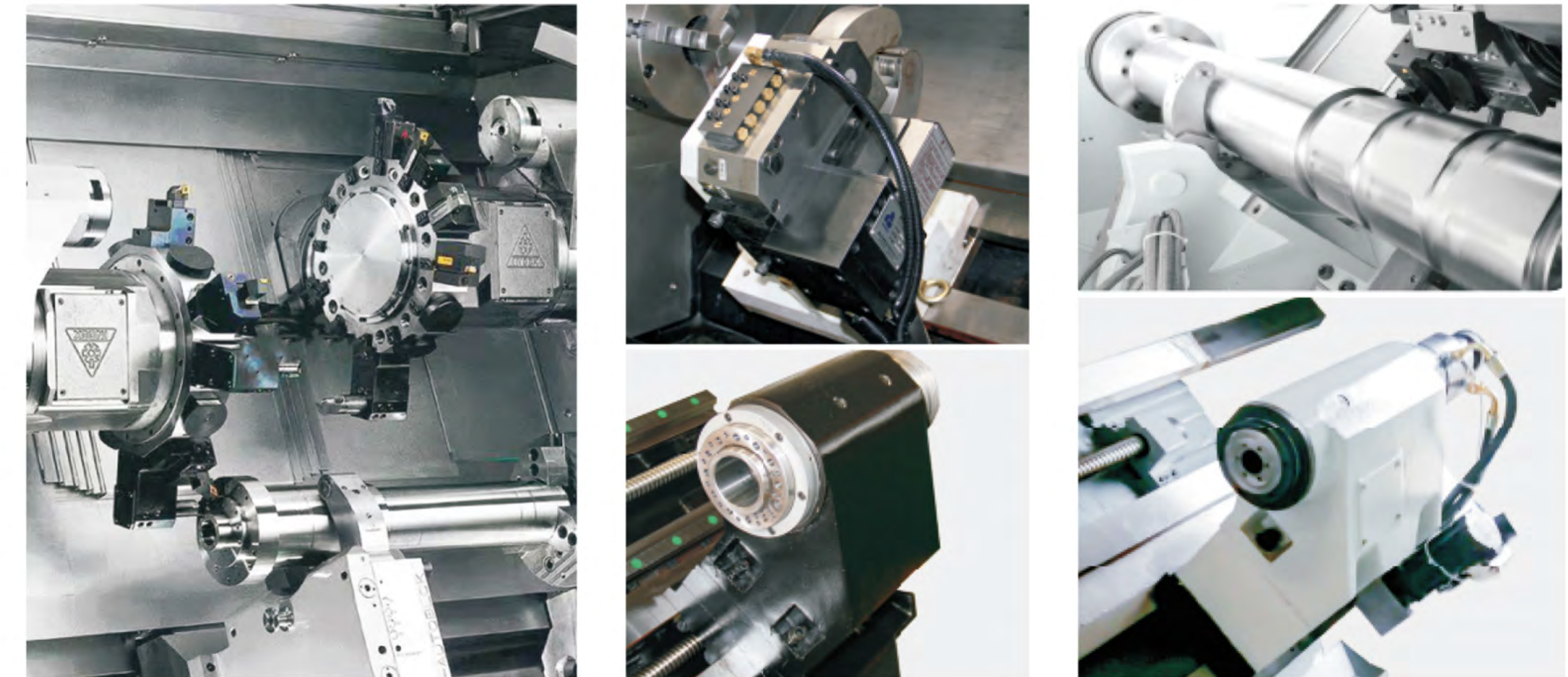
● THE STANDARD CONFIGURATION

YJS-988TDi system, imported lead screw, line rail, Alpha servo main motor, hydraulic hollow chuck, hydraulic tailstock, hydraulic servo turret.

● SPECIAL CONFIGURATION AVAILABLE AS AN OPTION

CNC system: Guangshu system, Taiwan New Generation, Beijing KND, Wuhan Huazhong, Japan FANUC, etc.

✓ TECHNICAL CHARACTERISTICS



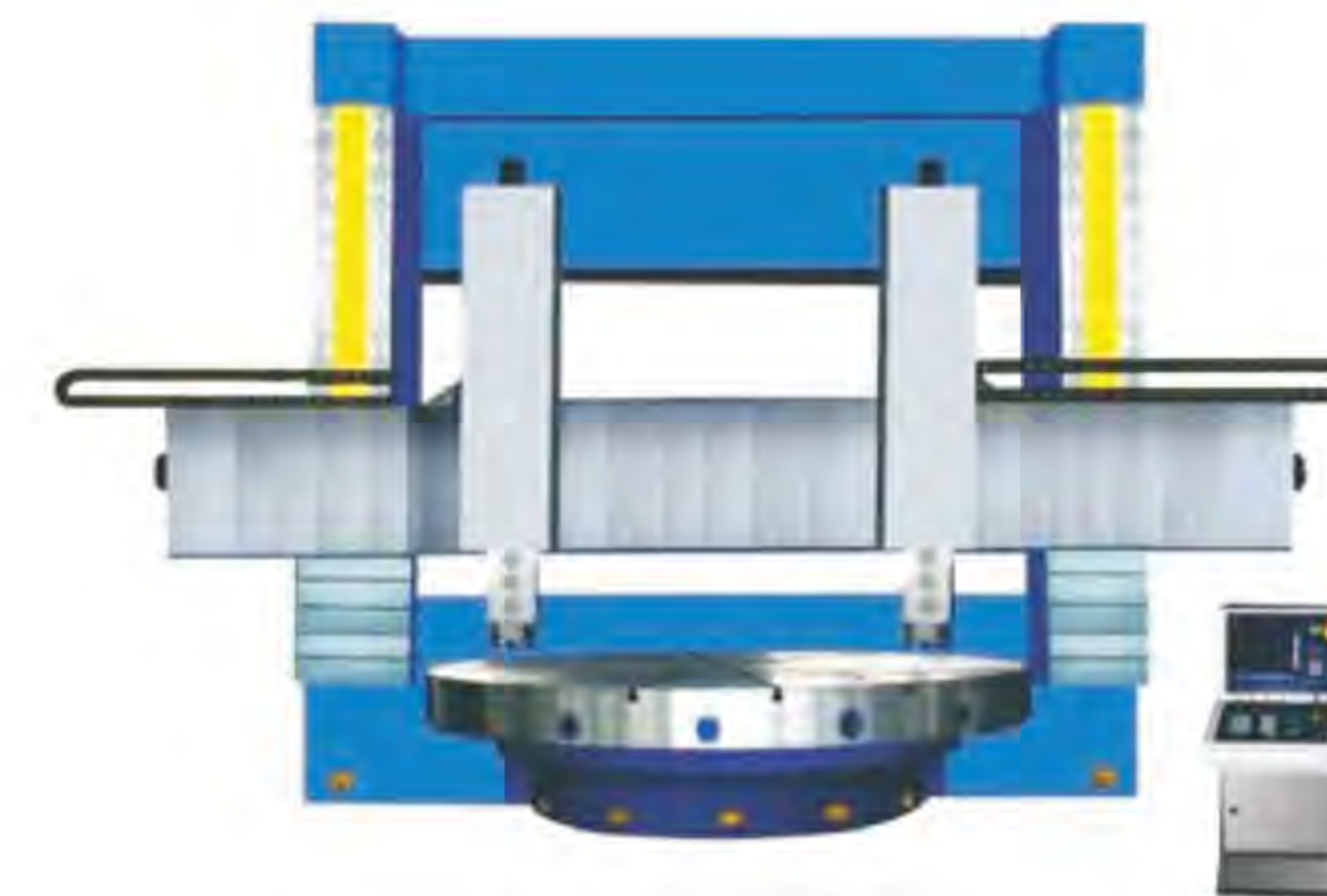
✓ MAIN SPECIFICATIONS

Specification		Unit	CK-400G	CK-580G/600	CK-630G/1000	CK-800G/1000
Working areas	Max swing over bed	mm	Φ500/Φ240	Φ580/Φ320	Φ650/Φ500	Φ800/Φ640
	Maximum workpiece length	mm	450	500	750	750
	Maximum cutting diameter	mm	Φ320	Φ360	Φ540	Φ650
	Maximum turning diameter	mm	Φ52	Φ75	Φ75	Φ98
Spindle	Spindle speeds	r/min	3500	2500	2000(1500)	1500
	Spindle nose	mm	A2-6	A2-8	A2-8(A2-11)	A2-11
	Spindle hole	mm	Φ62	Φ86	Φ86(112)	Φ112
	Chuck diameter	mm	Φ200	Φ250	Φ320	Φ380
	Spindle motor power	kw	7.5	11	15	22
Bed	Construction	type	45° Slant Bed	45° Slant Bed	30° Slant Bed	30° Slant Bed
	X travel	mm	210	250	360	400
Tool Turret	type	type	Horizontal hydraulic 8 stations	Horizontal hydraulic 8 stations	Horizontal hydraulic 12 stations	Horizontal hydraulic 12 stations
	Tool form (turning, boring)	mm	25*25 Φ32	25*25 Φ32	25*25 Φ40	32*32 Φ50
Tailstock	Tailseat sleeve diameter/stroke	mm	Φ52-L60	Φ75-L100	Φ150-L150	Φ150-L150
	Taper of tailstock sleeve	MT NO	4# hydraulic	5# hydraulic	5# turning	5# turning
Overall size		mm	2500*1800*1700	2900*1800*1800	3700*2200*2200	3800*2200*2200
Motor Power		Kva	25	30	50	50
Weight		Kg	3000	3600	5800	6800

★ PRECAUTIONS

1. Optional horizontal 12-station tool rest.
2. When installing the chuck, fixture or main motor, please pay attention to the limit speed of the selected chuck;
3. CNC machine tools have strict power requirements. If the fluctuation of the user's power grid exceeds ±10%, a stabilization device must be added, otherwise the machine tool will not work normally, and even unpredictable results will occur.

V SERIES; CK SERIES



OVERVIEW

- This series of CNC high-speed vertical lathes are suitable for machining wheel hubs, brake discs, flywheels and other auto parts, as well as motor and water pump housings. They are also suitable for soft and hard turning of bearings. The machine is easy to install with various fixtures and can be used to process complex housing parts and special-shaped parts.
- Feeding system: X-axis and Z-axis are driven by servo motors, and are directly connected with ball screws through elastic couplings. The ball screw adopts the installation method of fixing one end and supporting the other end, so as to avoid the elongation of the screw and the longitudinal deformation caused by the increase of temperature during operation, and realize high rigidity, high speed and durability.

MAIN SPECIFICATIONS

Specification	Unit	v2c	v2s	v4c	v4s	v6c	v6s
Max swing over bed	mm	430	500	600	720	860	1000
Maximum cutting height	mm	350	350	500	690	700	800
Maximum cutting diameter	mm	280	330	500	600	800	900
Spindle nose		A2-6	A2-8	A2-8	A2-11	A2-11	A2-15
Spindle speeds	r/min	50-4000	50-3000	50-2400	50-1000	80-1100	50-800
Spindle motor power	kw	11/11	15/18.5	15/18.5	18.5/26	22	37/45
Maximum output torque	Nm	272B/400A	447B/680A	549B/716A	1113	1311	2000
Chuck diameter	inch	8"	10"	12"	15"	21"	24"
Rapid feed for X-axis	m/min	30	30	18	18	16	10
Rapid feed for Z-axis	m/min	30	30	18	18	16	12
X travel	mm	200	200	300	300	440	800
Z travel	mm	400	400	500	650	720	850
Tool type		Horizontal 8 stations				vertical 6 stations	
Tool form	mm	25*25/Ø40	25*25/Ø40	25*25/Ø40	25*25/Ø40	32*32/Ø50	32*32/Ø50
Working accuracy	IT6	IT6	IT6	IT6	IT6	IT6-IT7	IT6-IT7
Surface roughness	um	1.25	1.25	1.6	1.6	1.6	1.6
Z-axis resolution	mm	0.008	0.008	0.008	0.008	0.018	0.018
Z-axis resolution	mm	0.008	0.008	0.008	0.008	0.02	0.02
X axis repeatability	mm	0.004	0.004	0.005	0.005	0.006	0.0075
Z axis repeatability	mm	0.005	0.005	0.005	0.005	0.008	0.015
Disk type	kg	200	300	350	400	600	800
Weight	kg	3800	4500	6000	7500	10500	15000
Overall size	cm	200*137*227.5	200*137*227.5	322*178*288	322*178*306	340*220*330	394*279.5*367.1

MACHINE FEATURES

- 8.4" color LCD, new appearance design
14 independent soft function keys, easy to operate
With automatic tool offset function, support the adaptation of automatic tool detector
It has functions such as teaching programming, MPG test cutting, trajectory preview, etc., and the programming and debugging are simple and efficient. It has control functions such as polygon turning, cylindrical interpolation, and polar coordinate interpolation, and is omnipotent for turning and milling.
- Support parallel PLC axis control function, which can realize the customization of control support interface such as indexing table, rotating material rack, and frame frame, built-in multi-PLC, easy to create personalized products With additional panel quick connection interface (optional), which can greatly simplify the connection of additional panels, unlimited time-limited shutdown function Freely adaptable to absolute and incremental servo drives

MAIN SPECIFICATIONS