



HUR-125 flat-bed type CNC lathe

A flat-bed type CNC lathe driven by servo motor, with four gear hydraulic shift and stepless speed regulation in gear. It can process the machining of inner and outer circles, steps, cones, spheres and threads of various shapes of disc parts, ring parts, shaft parts and parts with precise and complex shapes.

COMPOSITION OF MACHINE

- (1) HEADSTOCK (HRB SPINDLE BEARINGS)
- (2) MACHINE-BED (FLAT-BED TYPE).
- (3) TAILSTOCK (STANDARD: MANUAL TAILSTOCK)
- (4) CARRIAGE AND DRIVE (AC SERVO MOTOR, BALL SCREWS)
- (5) CROSS SLIDE AND DRIVE (AC SERVO MOTOR, BALL SCREWS)
- (6) TOOL POST (STANDARD: 4-STATION TOOLPOST)
- (7) COOLING PUMP
- (8) LUBRICATION UNIT
- (9) CHUCK (STANDARD: 315MM 3-JAW MANUAL CHUCK)



(10) SEMI-CLOSED SHIELDING COVER

(11) SPINDLE DRIVE UNIT (SPINDLE MOTOR CONTROLLED BY EMERSON INVERTER)

SPECIFICATIONS

ITEMS		UNIT	PARAMETERS
			HK125
Capacity	Max. swing over bed	mm	Φ1250
	Max. swing over slide	mm	Φ900
	Distance between centers	mm	1500/3000
	Max. turning length	mm	1300/2800(Vertical 4-station)
	Bed way width	mm	755
Spindle	Spindle thru-hole	mm	φ130
	Spindle nose		A2-15
	Spindle speed	r/min	I 3.5-160, II 5-233, III 7-345, IV 11-500
	Spindle motor power	kW	22
Feed	X travel	mm	630
	Z travel	mm	1300/2800
	X/Z-axis motor power	kW	3.6/4.2
Tailstock	Quill diameter	mm	Φ160
	Quill travel	mm	300
	Quill taper		Morse No.6
Turret	X/Z-axis rapid traverse rate	m/min	3/6
	Number of stations		4
	Tool section	mm	40×40
Others	Power source	kVA	40
	Dimensions(L×W×H)	mm	4640/6140×2650×2290
	Weight	kg	11000/12500

Standard accessories:

1. FANUC Oi-mate TD or GSK 980TDI controller;
2. Spindle motor ;
3. X,Z axis servo motor;

Contact information

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4. 630 mm manual chuck;
5. manual tailstock;
6. 4-sation toolpost;
7. Auto lubrication system;
8. Auto coolant system;
9. work light;
10. installation damping pads;
11. technical documents;

ACCURACY:

EXECUTIVE STANDARD: JB/T 8324.1-96

1. POSITION ACCURACY X/Z:(mm)	0.06/0.06(3000)
2. REPEATABLE POSITION X/Z:(mm)	0.025/0.025(3000)
3. ROUNDNESS:(mm)	0.01