

Heavy Duty CNC Turning Lathe

HANTURN

HANTURN-75/85/95/105/110/130

- Up to 8000 mm (315") shaft turning length
- Large 8000kg (176000lbs) load capacity between centers
- Automatic shifting 2, 3 or 4 speed geared headstock
- EXtra wide one-piece cast iron bed construction(2-way, 6-guide)
- Induction-hardened and precision-ground guide ways
- High precision ball screws for both axes
- Large spindle bore (Ø 105, 176, 254, 330, 380 and 440 mm)
- Full automatic lubrication to all critical areas
- Built-in live tailstock spindle
- Full length rear chip guard and double front door



Machine Specifications

Items		Unit	HANTURN-75/85(B)					HANTURN-95/105(B,C)				HANTURN-110/130(D,E,F)			
Capacity	Swing over bed	mm	750/850					950/1050				1120/1320			
	Swing over carriage	mm	480/530					630/730				740/940			
	Max. turning diameter	mm	750/850					750				850			
	Distance between centers	mm	2000	3000	4000	5000	6000	2000	3000	4000	5000	6000	7000	8000	
	Max. turning length	mm	2000	3000	4000	5000	6000	2000	3000	4000	5000	6000	7000	8000	
	Load capacity between centers	kg	4000					6000				8000			
Spindle	Spindle bore	mm	Ø105(Ø176)					Ø105(Ø176, Ø254)				Ø105(Ø330, Ø380, Ø440)			
	Spindle nose	-	A2-11					A2-11				A2-15(A2-20, A2-28)			
	Spindle speed	rpm	3~1250(6~1000)					3~1000(3~800, 2~630)				3~800/1~630(2~500, 3~400)			
	Spindle speed range	step	Auto 2					Auto 3 (Auto 2)				Auto 4 (Auto 2)			
	Spindle center taper	-	MT#6									MT#6			
Tool Post	Type of tool post	-	Manual H-4									Manual H-4			
	Tool size	-	□32									□32			
	No. of tool	EA	4									4			
Travel	X-axis travel	mm	425					535				620/720			
	Z-axis travel	mm	2380	3380	4380	5380	6380	1845~7845				2000~8000			
	X-axis rapid traverse	m/min	4									4			
	Z-axis rapid traverse	m/min	6									6			
Tailstock	Tailstock quill diameter	mm	112					180				200			
	Tailstock spindle taper	-	MT#6									MT#6			
	Max. quill travel	mm	200					250				300			
Bed	Bed width	mm	630					710				800			
	Bed length	mm	4225	5225	6225	7225	8225	4640	5640	6640	7640	8640	9640	10,640	
Motor	Spindle motor	kW(Hp)	AC 15/18.5(20/25)					AC 22/26(30/35)				AC 37/45(50/60)			
	X-axis servo motor	kW(Hp)	AC 1.2(1.6)					AC 1.2(1.6)				AC 3(4)			
	Z-axis servo motor	kW(Hp)	AC 3.0(5.5)					AC 3.0(5.5)				AC 7(9.5)			
Machine Weight	HANTURN-75/85	kg	9000	10,000	11,000	12,000	13,000	-	-	-	-	-	-	-	
	HANTURN-95/105		-	-	-	-	-	9800	10,600	11,400	12,200	13,000	13,800	14,600	
	HANTURN-110/130		-	-	-	-	-	13,500	14,500	15,500	16,500	17,500	18,500	19,500	

Standard Accessories

- CNC system(Fanuc 32i-TA)
- Main drive motor & electrical equipments
- Automatic spindle shifting
- 4-jaw independent chuck
- Built-in live tailstock spindle
- 2-speed tailstock spindle
- Curvic tool post(Manual H-4)
- Hydraulic power unit
- Coolant system
- Work light
- Center sleeve
- Centers MT #6/Live center MT #6
- Full length rear chip guard and double front door (for BC 2000, 3000)
- Leveling block
- Foundation bolts and liners
- Handle for bite clamping
- Tool box with necessary

Optional Accessories

- 3-jaw scroll chuck
- 4-jaw independent chuck
- Hydraulic chuck
- Hydraulic tailstock(quill in & out only)
- Manual steady rest metal jaws
- Manual steady rest roller jaws
- Follow rest
- Self-centering hydraulic follow/steady rest
- Auto. tool post H-4, V-8
- Main drive motor & electrical equipments
- Face plate
- Tool slide
- Chip conveyor
- Pipe center/Live center MT #6
- Full length rear chip guard and double front door (for BC 4000 to 8000)
- Boring bar device Ø100/150/200
- Tool holders
- Transformer
- C-axis, HANTURN-75M/85M/95M/105M/110M/130M

Note: Specifications and features are subject to change without prior notice.