

Heavy duty, Large Spindle Bore CNC Lathe
HANTURN 105BM

HANTURN-105BM 기종은 각종 산업의 대형 장축 부품류 가공에 널리 사용되며, 특히 대구경 주축 관통경으로 Bar 및 석유시추용 파이프 가공 등에 탁월한 능력을 갖춘 대형 CNC 수평선반입니다.

- 다양한 대구경 주축(Ø105, 176, 254 mm)
- 일체형 주물구조의 베드는 고강성과 안정된 기계정도 유지
- 열처리, 연삭된 고강성 베드 안내면
- Built-in rotary 심압축
- Turn-mill 기능으로 복합가공 및 생산성 증대



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	430/530					610/710				740/940			
	Max. turning diameter	mm	750/850					950/1050				1120/1320			
	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)				3~700/1~630(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	430/480					550/600				620/720			
	Z-axis travel	mm	2280	3280	4280	5280	6280	2250~8250				2000~8000			
	X-axis rapid traverse	m/min	4					4				4			
	Z-axis rapid traverse	m/min	6					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	4215	5215	6215	7215	8215	4880	5880	6880	7880	8880	9880	10,880	
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 1.6(2.0)					AC 3(4)				AC 3(4)			
	Z-axis servo motor	kW(Hp)	AC 4.0(5.5)					AC 7(9.5)				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-A)
- 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: 본 카탈로그의 사양 및 구조는 품질향상을 위하여 예고없이 변경될 수 있습니다.
Specifications and features are subject to change without prior notice.