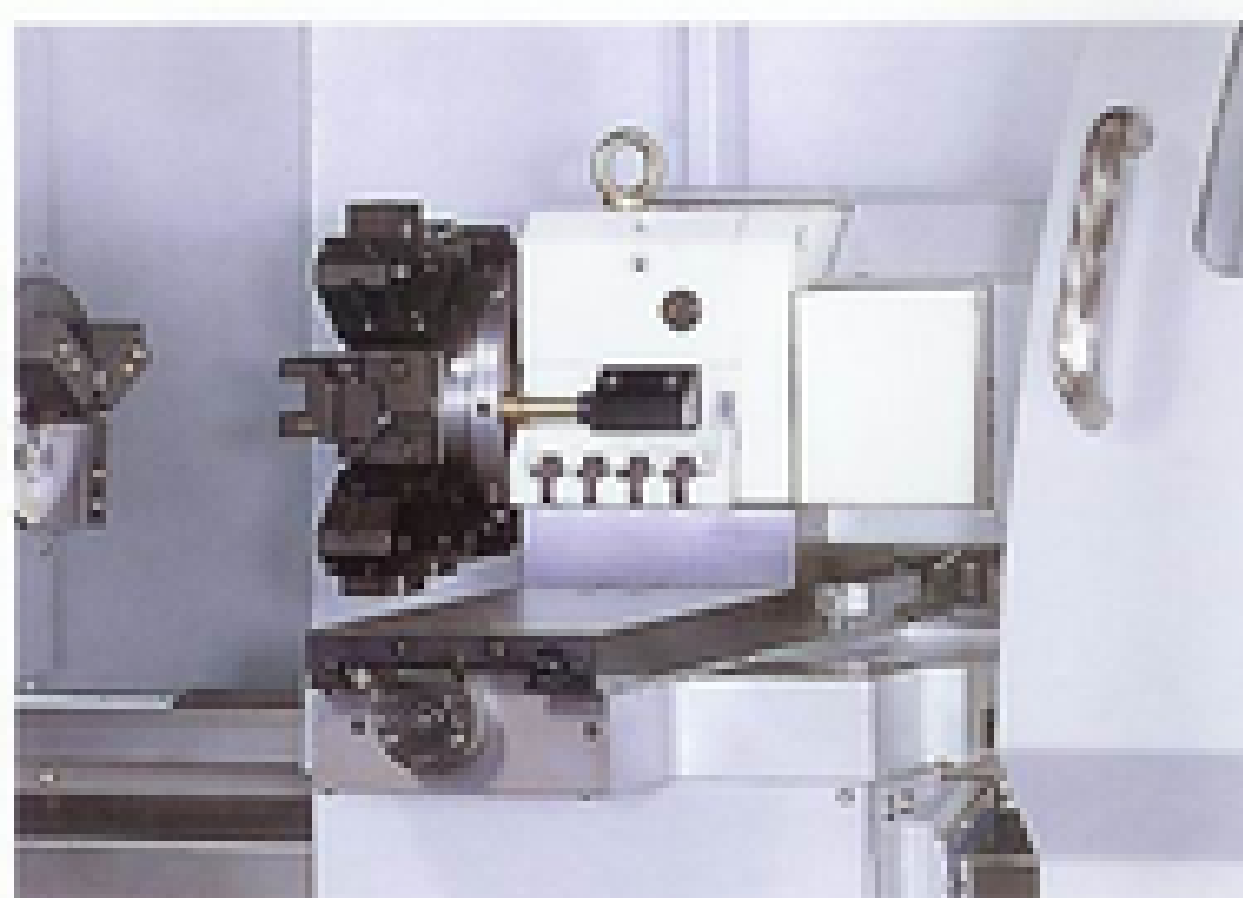


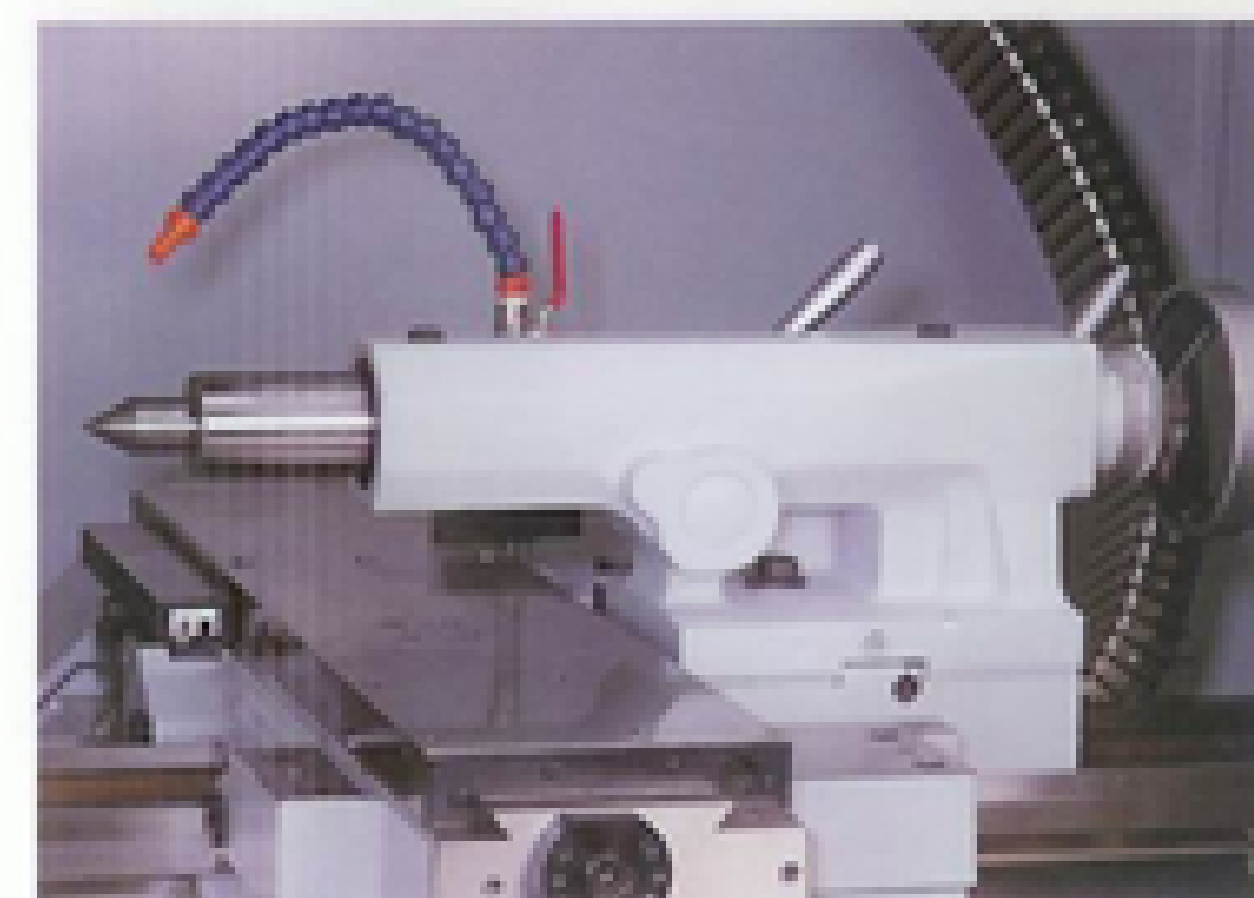


#### Efficient, Accurate Power Turret (Optional)

- The electric H4 turret is driven by a worm gear/worm wheel mechanism for convenient tool change. It is powered by a 375 W. motor with great clamping force up to 1 ton.
- Specially designed post body prevents coolant and chips getting into post. Body will not move up and down during indexing.
- P8 hydraulic turret and quick change tool post are also available upon request.



#### 8-Station hydraulic turret (Optional)



#### Tailstock

- Rigid construction and increased throat depth on tailstock with MT#4 interior taper quill. When applying manual 4-way tool post, electric H4 turret or hydraulic P8 turret, it allows free cutting of long workpieces.
- When performing manual drilling, the quill can be set to zero for drill depth measurement.
- Can be optionally equipped with a hydraulic quill to automatically forward and reverse.

TAURUS MODELS		CNC 36 HS - 1000	CNC 41 HS - 1000	CNC 41 HS - 1500	
Capacity	No. of control axis	2 AXIS			
	Swing over bed	Ø360 mm (14.17")	Ø410 mm (16.14")	Ø410 mm (16.14")	
	Distance between centers(Manual tailstock)	910 mm (35.82")	910 mm (35.82")	1420 mm (55.9")	
	Max. working length	4 way tool post	700 mm (27.55")	700 mm (27.55")	1210 mm (47.63")
		Hyd. P8 turret	-----	680 mm (26.77")	1190 mm (46.85")
	Max. working dia.	4 way tool post	Ø170 mm (6.7")	Ø220 mm (8.66")	
Hyd. P8 turret		-----	Ø210 mm (8.27")		
Width of bed		260 mm (10.236")			
Headstock and Main Spindle	Spindle nose, internal taper	ASA A2-5 , Ø52mm Taper 1/19.18			
	Spindle bore / Bar capacity	Ø46mm (1.811") / Ø36mm (1.417")			
	Range of spindle speed No. of spindle speed	40~5000 R.P.M. Infinitely variable			
Cross Slide (X-axis) and Carriage (Z-axis)	X-axis travel	4 way tool post	205 mm (8.07")	216 mm (8.5")	
		Hyd. P8 turret	-----	178 mm (7")	
	Z-axis travel	4 way tool post	865 mm (34")	865 mm (34")	1375 mm (54")
		Hyd.P8 turret	-----	710 mm (27.95")	1220 mm (48.03")
	AC servo motor ( X-axis )		0.75kW 3.5N.m – FANUC 6 4 / 4000is		
	AC servo motor ( Z-axis )		1.2kW 7.0N.m – FANUC 6 8 / 3000is		
	Dia. of ball screw ( X-axis )		Ø20 mm (0.787") P5 C5		
	Dia. of ball screw ( Z-axis )		Ø32 mm (1.259") P10 C5		
Rapid traverse speed ( X-axis )		7.5 m/min (295.3 ipm)			
Rapid traverse speed ( Z-axis )		10 m/min (393.7 ipm)			
Turret	Tool station	STD. Manual 4 way tool post	OPT. Electric H4	or Hydraulic P8	
	Size of external turning tool	□ 20 mm	□ 20 mm	□ 20 mm	
	Boring bar diameter			Ø20 mm (0.787")	
Tailstock	Manual style	Quill diameter	Ø58 mm (2.283")		
		Quill travel	140 mm (5.5")		
	Taper of center	MT.No.4			
Motor	Main spindle motor	STD.5.5kW / 7.5kW (30min, rated) OPT. 7.5kW / 11kW (30min. rated)			
	Hydraulic oil pump	STD. 0.75kW (1 HP) OPT. 1.5 kW (2 HP)			
	Coolant pump	1 / 6 HP			
Tank Capacity	Hydraulic tank	40 Liter (8.8 gal)			
	Coolant tank	50 L (11 gal)		70 L (15.4 gal)	
Measurements	Weight ( Net / Gross ) Approx.		2,100 kgs / 2,600 kgs	2,250 kgs / 2,750 kgs	
	Packing sizes	Length	2,680 mm (105.51")		
		Width x Height	Width 2030 mm (79.92") x Height 2200 mm (86.61")		

Specifications subject to change without notice.

#### STANDARD ACCESSORIES:

1. CNC controller:FANUC Oi Mate- TC
2. Hydraulic chuck 6" with rotary cylinder
3. Dead center MT.4 with carbide tip
4. Level pads --- 10pcs
5. Tool set & Box
6. Machine light
7. Operation manual and parts list

#### OPTIONAL ACCESSORIES:

1. Electric H4 turret
2. Hydraulic P8 turret with  
Boring bar holder Ø20 mm.....2sets  
O.D. / facing tool holder.....4sets  
I.D. / facing tool holder.....2sets  
(for model 1640 / 1660 only)
3. Boring socket Ø6 x Ø20 ~ Ø16 x Ø20
4. Drilling socket MT.1 x Ø20
5. Steady rest w / ball bearing
6. Follow rest w / bronze tip
7. High pressure coolant pump 3bar 750W
8. Quick change tool post
9. Drill chuck & arbor
10. Rotating center MT.4
11. Hydraulic tailstock quill
12. Quill diameter Ø63  
Quill travel 76 mm
13. Chip conveyor & chip bucket cart
14. CNC controller FAGOR 8040TC