

SPECIFICATION



Vturn-P16 Horizontal Turning Lathe



Capacity		
Swing over bed dia.	mm	Ø520
Standard turning dia.	mm	Ø210
Maximum turning dia.	mm	Ø280
Swing over carriage dia.	mm	Ø310
Between Centres	mm	440
Bar capacity (hole through draw bar)	mm	Ø42
Axis feeds		
X axis travel	mm	20+140
Z axis travel	mm	370
Rapid feed - X / Z axis	m/min	30 / 30
Feed motor - X / Z axis	kW	1.6 / 3.0
JOG feed	m/min	X/Z: 0 ~1260
Ballscrew dia. x pitch	mm	X: Ø32 x P10 Z: Ø40 x P10
Spindle		
Spindle speed	rpm	6000
Spindle nose (chuck)	inch	A2-5 (6")
Spindle motor power (30min/cont.)	kW	7.5 / 11
Spindle bearing inside dia.	mm	Ø 90
Spindle taper		1/20
Turret		
No. of tools		12
Tool shank size	mm	20
Max. boring bar dia.	mm	Ø32 (VDI 30)
Turret coupling dia.	mm	Ø180
Thickness of turret disc	mm	85
Exchange time T-T)	sec	0.2 (opposite)
Tailstock		
Tailstock quill dia.	mm	Ø75
Quill stroke	mm	80
Quill taper		M.T. #4
Machine		
NC controller	Fanuc	0i-TF (Type 1)
Coolant tank capacity	L	250
Power requirement	kVA	17
Machine dimension (L x W x H)	mm	3333 x 1741 x 2021
Net weight (incl. standard accessories)	kgs	3500



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Standard accessories

- Hydraulic chuck with soft jaws
- Manual tailstock with power quill
- Chip conveyor
- Fully enclosed splash guarding
- Hand wheel
- Tool holders (only for standard turret)
- Coolant flush on Z-axis cover
- 3 step warning light
- Fanuc e-books (CD)

Optional accessories

- Manual tool presetter
- Auto tool presetter
- Parts catcher (swing type)
- Air conditioner for electrical cabinet (Panel cooler)
- High pressure coolants
- Barfeeder interface
- Air blow
- Oil skimmer
- Oil mist collector
- Auto door
- Robot system
- Fanuc 0i-T (10.4") with Manual Guide i
- Fanuc manuals

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