

SPECIFICATION



Vturn-NP20 Horizontal Turning Lathe



Capacity		
Swing over bed dia.	mm	Ø650
Standard turning dia.	mm	Ø206 (Ø234)
Maximum turning dia.	mm	Ø320 (Ø260)
Swing over carriage dia.	mm	Ø365
Between Centres	mm	520
Bar capacity (hole through draw bar)	mm	Ø52
Axis feeds		
X axis travel	mm	20+160 (50+130)
Z axis travel	mm	400
Rapid feed - X / Z axis	m/min	30 / 30
Feed motor - X / Z axis	kW	1.8 / 1.8
JOG feed	mm/min	X/Z: 0 ~1260
Ballscrew dia. x pitch	mm	Ø25 x P10 (X) Ø40 x P10 (Z)
Guideway width - X / Z axis	mm	35 / 35
Spindle		
Spindle speed	rpm	4200
Spindle nose (chuck)	inch	A2-6 (8")
Spindle motor power (cont. /30min/25%)	kW	7.5 / 11 / 15
Spindle bearing inside dia.	mm	Ø 100
Spindle taper		1/20
Turret		
No. of tools (live)		12 (12)
Tool shank size	mm	25
Max. boring bar dia.	mm	Ø40 (BMT-55)
Exchange time (T-T)	sec.	0.9 (opposite)
Milling speed	rpm	4000 (opt. 6000)
Milling motor	kW	2.2
Tailstock (optional)		
Tailstock quill dia.	mm	Ø75
Quill stroke	mm	80
Quill taper		M.T. #4
Machine		
NC controller	Fanuc	0i-TF (10.4")
Coolant tank capacity	L	240
Power requirement	kVA	16.6 (17.3)
Machine dimension (L x W x H)	mm	1930 x 2257 x 1890
Net weight (incl. standard accessories)	kg	4000 (4370)

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Standard accessories

- Fanuc Oi-TF (10.4") with Manual Guide i
- Hydraulic chuck with soft jaws
- Chip conveyor (rear disposal)
- Fully enclosed splash guarding
- Tool holders (only for standard turret)
- Coolant flush on Z-axis cover
- 3 step warning light

Optional accessories

- Manual tailstock with power quill
- Chip conveyor (right disposal)
- 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
- Separable chip conveyor (to save floor space when drawn out)
- C-axis
- Robot system

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