

Machine Specifications

Item	Unit	Vturn-NP16 (CM)	Vturn-NP20 (CM)
Capacity			
Swing over bed dia.	mm	Ø570	Ø650
Standard turning dia.	mm	Ø185 (Ø200)	Ø206 (Ø234)
Maximum turning dia.	mm	Ø260 (Ø200)	Ø320 (Ø260)
Swing over carriage dia.	mm	Ø325	Ø365
Between centers	mm	270	520
Bar capacity (Hole thru draw bar)	mm	Ø42	Ø52
Axis Feeds			
X axis travel	mm	20+130 (50+100)	20+160 (50+130)
Z axis travel	mm	250	400
Rapid feed - X / Z axis	m/min	30 / 30	30 / 30
Feed motor - X / Z axis	kW	1.8 / 1.8	1.8 / 1.8
JOG feed	m/min	X/Z: 0~1260	X/Z: 0~1260
Ball screw dia. x pitch	mm	Ø25 x P10 (X) Ø40 x P10 (Z)	Ø25 x P10 (X) Ø40 x P10 (Z)
Guideway width - X / Z axis	mm	35 / 35	35 / 35
Spindle			
Spindle speed	rpm	6000	4200
Spindle nose (chuck)	inch	A2-5 (6")	A2-6 (8")
Spindle motor power (cont./30min/25%)	kW	5.5 / 7.5 / 11	7.5 / 11 / 15 (opt. 11 / 15 / 18.5)
Spindle bearing inside dia.	mm	Ø80	Ø100
Spindle taper		1/20	1/20
Turret			
No. of tools (live)		12 (12)	12 (12)
Tool shank size	mm	□20	□25
Max. boring bar dia.	mm	Ø32 (BMT-45)	Ø40 (BMT-55)
Exchange time (T-T)	sec	0.9 (opposite)	0.9 (opposite)
Milling speed	rpm	4000 (opt. 6000)	4000 (opt. 6000)
Milling motor	kW	2.2	2.2
Tailstock (Optional)			
Tailstock quill dia.	mm	Ø60	Ø75
Quill stroke	mm	80	80
Quill taper		M.T. #3	M.T. #4
Machine			
NC controller	Fanuc	0i-TF (10.4")	0i-TF (10.4")
Coolant tank capacity	L	160	240
Power requirement	kVA	14.4 (15.1)	16.6 (17.3)
Machine dimension L x W x H	mm	1488 x 1956 (2108) x 1775	1930 x 2257 x 1890
Net weight (incl. standard accessories)	kgs	3700 (4070)	4000 (4370)

* Machine and controller specifications are subject to change without notice.

Standard accessories:

- Fanuc 0i-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)
- KITAGAWA® power chuck
- Air conditioner for electrical cabinet (Panel cooler)
- Higher pressure coolants
- Bar feeder interface
- Air blow
- Oil skimmer
- Oil mist collector
- Hard jaws
- Tailstock center
- Auto door
- Separable chip conveyor (to save floor space when drawn out)
- C-axis
- Robot system



THE VICTOR-TAICHUNG COMPANIES

VictorTaichung profile:
Sales turnover: USD 145 mil's (in 2018)*
No. of employees: 836
*Exchange rate: 1 USD=30 TWD.

