



VICTOR TAICHUNG



# Vturn NP20CM Horizontal Turning Lathe



### Machine Options (Stock ID 10028)

Fanuc Oi-TF Plus
10.4" Colour display with QWERTY keypads
Manual Guide I
2GB CF Card
12 Station BMT-55 turret, max milling 6000rpm
8" Autogrip hydraulic chuck with 52mm bar capacity
Easyway robot (EWR-03)
16 Pallet work feeder
Auto power off
Renishaw ATP
Auto door
Air blow
Air accumulator
Turn-over station
Lubrication pump upgrade (2L to 4L)
Chip conveyor & cart (left exit)
High pressure coolant (Grundfos SPK4-8)
Bar feed interface
Oil skimmer
Air conditioner for electrical cabinet
Fully enclosed splash guarding
Hand wheel
Coolant flush on Z-axis cover
3 Step warning light

### Capacity

Swing over bed dia.	mm	650
Standard turning dia.	mm	234
Maximum turning dia.	mm	260
Swing over carriage dia.	mm	365
Between centres	mm	520
Bar capacity	mm	52

### Axis feeds

X axis travel	mm	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	25 x P10 (X) 40 x P10 (Z)
Guideway width - X/Z axis	mm	35 / 35

### Spindle

Spindle speed	rpm	4200
Spindle nose (chuck)	in	A2-6 (8")
Spindle motor power (cont./30min/25%)	kW	7.5 / 11 / 15
Spindle bearing inside dia.	mm	100
Spindle taper	mm	2.2

### Turret

No. of tools (live)	no.	12
Tool shank size	mm	25
Max. boring bar dia.	mm	40 (BMT-55)
Exchange time (T-T)	sec	0.9 (opposite)
Milling speed	rpm	6000
Milling motor	kW	2.2

### Easyway Robot (EWR-03)

Max part weight	kg	3
Max part size	mm	70 x L100
Part loading/unloading	sec	7

### Work feeder (WF-E100)

Feeder dimension (L x W x H)	mm	2230 x 800 x 1625
Number of pallets		16 (WF10-Z705-003)
Pallet dimension (L x W)	mm	350 x 186
Pieces per pallet		8
Max part dia.	mm	70

### Turnover station (TS-03)

Max part weight	kg	3
Max part size	mm	70 x L100



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### Machine

NC controller	Fanuc	Oi-TF Plus (10.4")
Power requirement	kVA	17.3
Coolant tank capacity	L	240
Machine dimension L x W x H with chip conveyor (excl. work feeder)	mm	1930 x 2257 x 1890