



VICTOR TAICHUNG



Vcenter AX380 5 Axis Machining Centre



Machine Options (Stock ID 10026)

Fanuc Oi-MF Plus
15" Colour display with QWERTY keypads
Manual Guide I
2GB CF Card
AICC-3 (400 blocks)
VSS Macros (GUI)
IHMii
15000 rpm DCS spindle (oil air lubricated bearings by aT8/15000i motor)
Spindle oil cooler
Air conditioner for electrical cabinet
Through spindle coolant (MRT3-36, 20 bars/50hz with Mahle duplex filters)
Air through spindle
Table shower
Oil mist spray
30 Tool magazine
Twin screw chip removers
High pressure coolant (Grundfos MTH 4-40/4)
Chip conveyor & cart (left exit)
Oil skimmer
Handy air gun & coolant gun
Remote handwheel
Fully enclosed splash guarding
Victor toolbox & standard accessories

Travel

X axis travel	mm	700
Y axis travel	mm	500
Z axis travel	mm	540

Distance

Spindle center to column (vertical milling)	mm	547
Spindle nose to table surface (or table centre)	mm	60 ~ 600
Height from table surface (or table centre) to floor	mm	1085.5

Table

Table work area	mm	380
Dimension of T-slot	mm	12H7
Max. table load (rotary)	kg	200

Spindle

Spindle taper		BBT-40
Spindle motor (cont/30/10min)	kW	7 / 11 / 15
Spindle speed	rpm	15000

Linear feed rate

Rapid feedrate - X/Y/Z	m/min	48 / 48 / 48
Axis feed motor - X/Y/Z	kW	4 / 4 / 7
Cutting feedrate by table	m/min	20
Linear guide width (X/Y/Z)	mm	30 / 35 / 45
Ballscrew dia. x pitch (X/Y/Z)		40 x 16 (X/Y/Z)

Rotary feed rate

Tilting (swivel)/rotary angles	deg	-20 ~ 30 / 360
Rotary rapid feed rate	rpm	33.3 / 40
Axis feed motor	kW	3 / 1.6 (A/C)
Continuous indexing resolution	deg	0.001 (roller cam drive)
Continuous torque output	N-m	1060 / 588 (A/C)
Braked torque (clamping)	N-m	2452 / 2158 (by brake, A/C)

Tools

Max. tool length	mm	300
Max. tool weight	kg	7
Magazine capacity		30
Max. tool diameter (without adjacent tools)	mm	76 (125)
Tool exchange time	sec.	2.3 (T-T), 6.0 (C-C)
Pull stud angle	deg.	15 (JIS 40P)
Tool selection method		Random



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Machine

Power requirement	kVA	36 (excl CTS)
Min/max air pressure	kg/cm ²	5.5 ~ 6.5
Coolant tank capacity	L	400
Std. NC controller	Fanuc	0i-MF Plus (10.4")
Floor space requirement (with conveyor)	mm	3200 x 2848
Max. machine height	mm	3084 (aT8i)
Machine weight	kg	6000