

TCV-540



**Image subject to change with design improvements*

Optional Features

- 24 Tool ATC
- Higher Spindle speeds
- Coolant through spindle
- Chip Conveyors
- Rotary table on both sides
- Smart Probing solutions
- Tooling up solutions

Standard Features

- High speed Turntable
- Tool Shank BBT-30
- 16 tool ATC
- Chip to Chip time 1.7 sec
- Spindle Speed 10000 RPM
- Rapids 50/50/50 m/min
- Fanuc OiMF package

TECHNICAL SPECIFICATIONS

Travels	Unit	TCV-540
X	mm	500
Y	mm	400
Z	mm	320
Pallet Swing Diameter (Max.)	mm	1164
Spindle Face to Table top	mm	200 - 520

Table	Unit	TCV-540
Table size	mm	760x400 (2)
Change over time	sec	< 4 sec
Max. load on table	kgs	250

Spindle	Unit	TCV-540
Tool shank type		BBT-30
Spindle speed	Std. rpm	10000
	Opt. rpm	Upto 20000
Spindle power	Std. kW	7.5/5.5
	Opt. kW	9/7.5/6

Feed	Unit	TCV-540
Cutting feed	mm/min	1-10000
Rapid traverse	m/min	50/50/50

Automatic tool changer	Unit	TCV-540
No. of tools		16/24
Chip to Chip time	sec	1.7 / 1.5*
Tool Dia.	mm	80
Tool weight Max.	Kg	2.5
Tool Length Max.	mm	300
Tool Change system		Front ATC (Pocket Tilting)

Accuracy(As per ISO 230-2)	Unit	TCV-540
Positioning accuracy	mm	0.010
Repeatability	mm	±0.003

Control System	Unit	TCV-540
Fanuc	Std.	0iMF

Coolant Tank capacity	Unit	TCV-540
	lts	180/250



*All specifications are subject to change without prior notice

T: +91 80 4020 0555

E: salesmmt@acemicromatic.com

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