

DTC-400 XL

DRILL TAP MACHINING CENTER

AMS[®]
In Pursuit of Excellence

High Productivity... Now Affordable...



Standard Features

- Chip to chip time - 1.8 sec
- 16 Tool Pocket Tilting type ATC
- 10000 RPM Direct drive
- BT-30/BBT-30
- 7.5 / 5.5 kW Spindle power
- 60 / 60 / 48 m/min rapid traverse
- High Speed Rigid tapping
- Fanuc OiMF Package

Optional Features

- 12000 RPM Direct drive
- Automatic pallet changer - linear / Rotary
- Auto door
- Coolant through spindle
- Siemens / Mitsubishi package
- Chip conveyor
- Tooled up & Automation solutions

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Technical Specifications

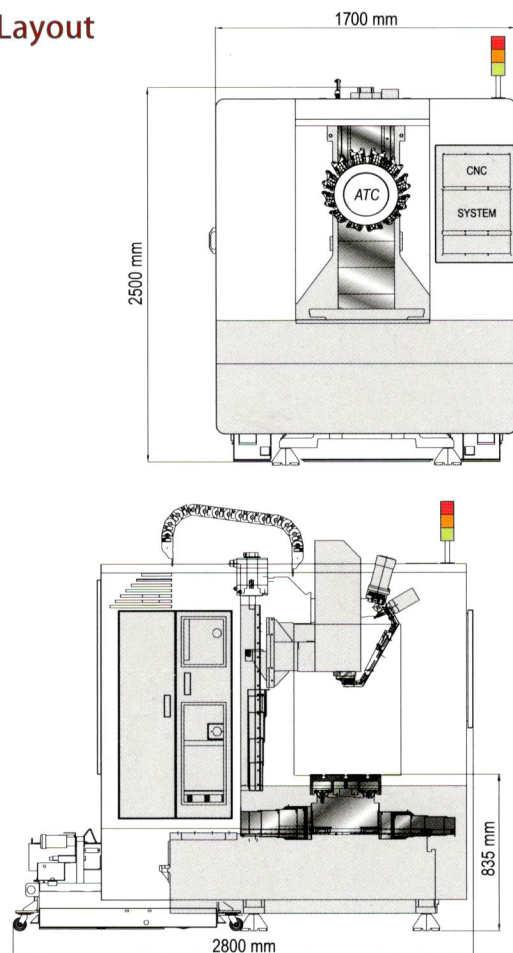
Travels		
X	mm	500
Y	mm	400
Z	mm	320
Dist. from spindle Face to table top	mm	110-430
Table		
Table size	mm	650 x 400
Max. load on table	Kg	250
Table height from floor	mm	835
Spindle		
Tool shank type		BT-30/BBT-30
Spindle speed - Std.	rpm	100-10000
- Opt.	rpm	120-12000
Spindle power - Std.	kW	7.5/5.5
(15 min/Continuous)		
Feed		
Cutting feed	m/min	1 - 10
Rapid traverse	m/min	60 / 60 / 48
Automatic tool changer		
No. of tools		16
Tool Dia. Max.	mm	80
Tool weight Max.	kg	3
Tool Length Max.	mm	250
Tool Change system		DISC ARMLESS
Chip to chip time	sec.	1.8
Accuracy(As per ISO 230-2)		
Positioning accuracy	mm	0.010
Repeatability	mm	±0.003
Control System		
Fanuc	std.	0iMF
Installation data		
Machine Width	mm	1700
Machine Depth	mm	2800
Machine Height	mm	2500
Machine Weight – Net	kg	3200

*All specifications are subject to change without prior notice

Special features:

Pocket tilting type ATC
Wide door opening
Easy loading
Compact machine
Totally enclosed guarding
Liner pallet changer - 600 x 385mm (Optional)
Rotary pallet changer - 600 x 400mm (Optional)

Machine Layout



AMS[®] ACE MANUFACTURING SYSTEMS LTD.

In Pursuit of Excellence

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