

DTC-400

DRILL TAP MACHINING CENTER

AMS[®]
In Pursuit of Excellence

High Productivity... Now Affordable...



Standard Features

8000 RPM Direct drive

BT-30 / BBT-30

5.5 / 3.7 kW Spindle power

12 tool Disc type ATC

48 / 48 / 40 m/min rapid traverse

High Speed Rigid tapping

Fanuc OiMF Package

Optional Features

10000 / 12000 RPM Direct drive

7.5 / 5.5 kW spindle power

Automatic pallet changer – Linear / Rotary type

Auto door

Coolant through spindle

20 tool side mounted ATC

Siemens / Mitsubishi package

Chip conveyor

Tooled up & Automation solutions

DTC-400

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Technical Specifications

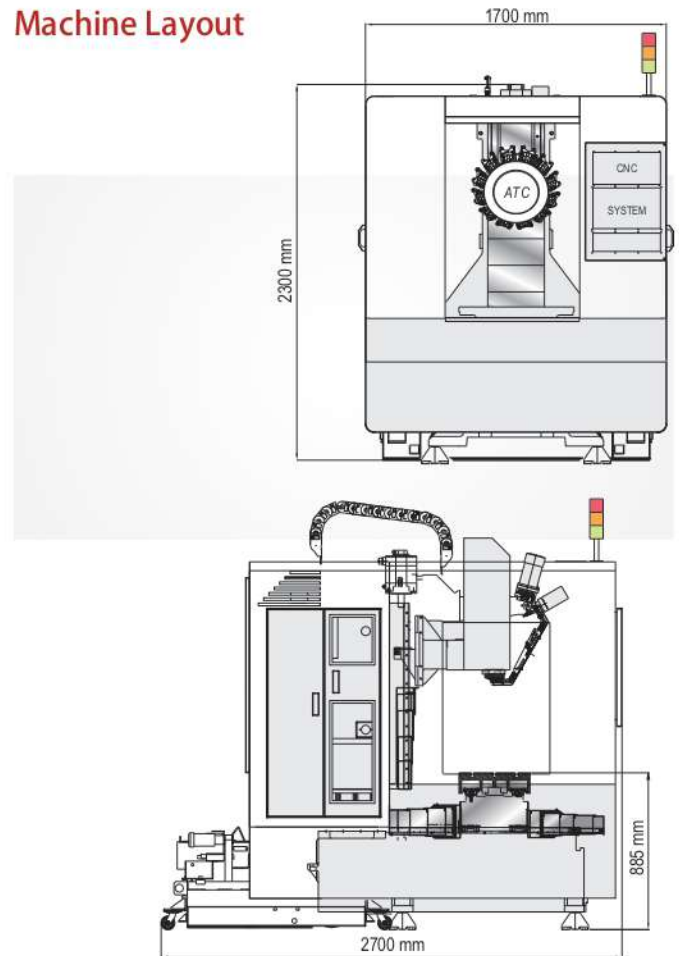
Travels		
X	mm	500
Y	mm	400
Z	mm	320
Dist. from spindle Face to table top	mm	110-430
Table		
Table size	mm	650 x 400
Max. load on table	Kg	400
Table height from floor	mm	885
Spindle		
Tool shank type		BT-30 / BBT-30
Spindle speed - Std.	rpm	80 - 8000
- Opt.	rpm	100-10000
- Opt.	rpm	120-12000
Spindle power - Std.	kW	5.5/3.7
(15 min/Continuous) - Opt.	kW	7.5/5.5
Feed		
Cutting feed	m/min	1 - 10
Rapid traverse	m/min	48 / 48 / 40
Automatic tool changer		
No. of tools		12
Tool Dia. Max.	mm	80
Tool weight Max.	kg	2.5
Tool Length Max.	mm	200
Tool Change system		DISC ARMLESS
Chip to chip time	sec.	2.7
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	2700
Machine Height	mm	2300
Machine Weight – Net	kg	3200

*All specifications are subject to change without prior notice

Special features:

- Wide door opening
- Easy loading
- Compact machine
- Totally enclosed guarding
- Linear pallet changer - 600 x 385mm (Optional)
- Rotary pallet changer - 600 x 400 mm (Optional)

Machine Layout



AMS[®] ACE MANUFACTURING SYSTEMS LTD.

In Pursuit of Excellence

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