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In Pursuit of Excellence

Ace Micromatic[®]
Group



DTC 400 XL

High Speed Drill Tap Machining Center

About DTC-400 XL

The Drill Tap Machining Center DTC-400 XL designed specifically for high speed drill tap applications along with full milling capabilities. The DTC-400 XL is compact and powerful. With a rigid structure and high speeds one can achieve high accuracy and productivity. The first choice of customers for machining Automobile Components.

- **Faster ATC**
- **High-Speed Spindle**
- **Highly Rigid Structure**
- **Easy Maintenance**



Standard Features

- 10000 rpm Speed (Direct Drive)
- 16 Tools Faster ATC
- Spindle Taper BT-30/BBT-30
- High Rapids 60/60/48 m/min
- Spindle Power 7.5/5.5 kW
- Roller Guideways
- Lower Chip to Chip Time

Optional Features

- Higher Spindle Speed upto 24000 rpm
- 24 Tools ATC
- Higher Spindle Power
- Chip Conveyors
- Coolant Through Spindle
- Tool Washing
- Pallet Changers



Machine Specifications

Specifications	Unit	DTC-400 XL
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Travels

X axis	mm	500
Y axis	mm	400
Z axis	mm	320
Dist. from spindle		
Face to table top	mm	120 - 440

Table

Table size	mm	750 x 400
Max. load on table	kg	300
Table height from floor	mm	885

Spindle

Tool shank type			BT-30/BBT-30
Spindle speed	Std.	rpm	10000
	Opt.	rpm	Upto 24000
Spindle power	Std.	kW	7.5 / 5.5 (Opt 7.5/6)

Feed

Cutting feed	mm/min	1-10000
Rapid traverse	m/min	60 / 60 / 48

Automatic Tool Changer

No. of tools		16 / 24
Tool diameter	mm	80
Tool weight Max.	Kg	2.5
Tool length Max.	mm	200
Tool change system		Disc Armless
Chip to chip time	sec	1.7 / 1.5*

Accuracy(As per ISO 230-2)

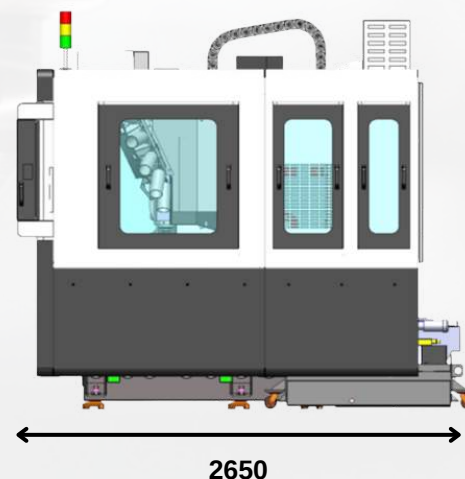
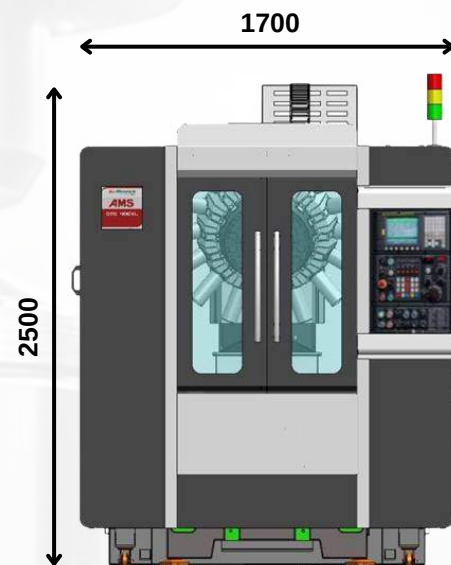
Positioning accuracy	mm	0.010
Repeatability	mm	±0.003

Control System

Fanuc		0iMF+
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Installation data

Machine weight – Net	Kg	3200
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*All Specifications are subject to change without prior notice.



End to End Solutions

From the planning stage to Production

- Process Identification
- Fixture Development & Interface
- Automation Solutions
- Complete Prove-out

Applications

- Automotive Parts
- Medical
- Engineering Components
- Electronics



Crank Case



Heat Sink



Pump Housing



Mobile Case



Ortho Components

Contact Us



In Pursuit of Excellence

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