



DTC 400L-XL

High Speed Drill Tap Machining Center

About DTC 400L-XL

The Drill Tap Machining Center DTC 400L-XL designed specifically for high speed drill tap applications along with full milling capabilities.

The DTC 400L-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 50/50/48 m/min
- Spindle Power 7.5/5.5 kW
- Roller Guideways
- Lower Chip to Chip Time

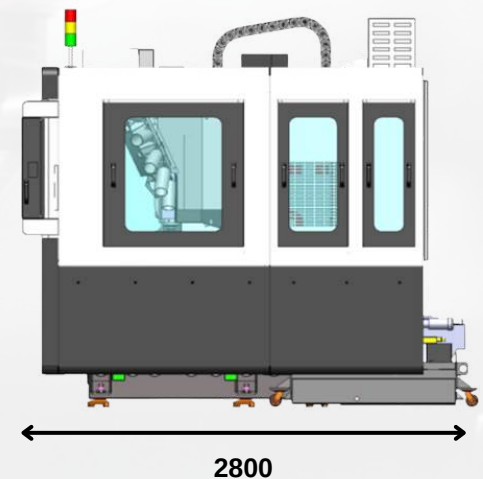
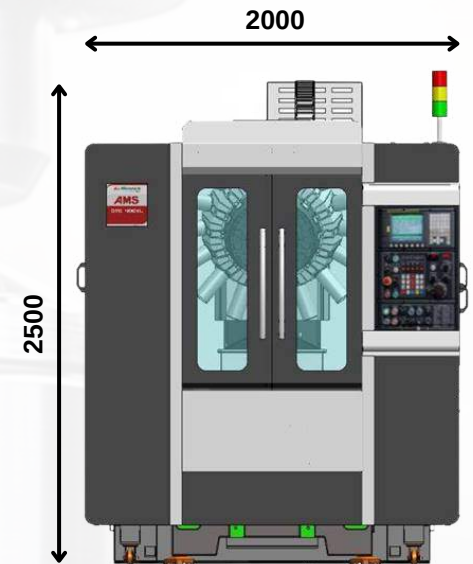
Optional Features

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



Machine Specifications

Specifications	Unit	DTC 400L-XL
Travels		
X axis	mm	700
Y axis	mm	400
Z axis	mm	320
Dist. from spindle		
Face to table top	mm	140 - 460
Table		
Table size	mm	850 x 400
Max. load on table	kg	300
Table height from floor	mm	850
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	50 / 50 / 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+
Installation data		
Machine weight – Net	Kg	3600



*All Specifications are subject to change without prior notice.



End to End Solutions

From the planning stage to Production

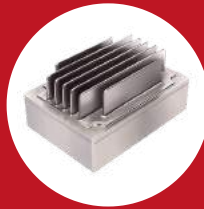
- Process Identification
- Fixture Development & Interface
- Automation Solutions
- Complete Prove-out

Applications

- Automotive Parts
- Medical
- Engineering Components
- Electronics



Crank Case



Heat Sink



Pump Housing



Mobile Case



Ortho Components

Contact Us



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