

Mitseiki MM-430 CNC Machining Centre



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Table working area.....	900 x 410 mm
Max table load.....	350 Kg
X axis travel	760 mm
Y axis travel	460 mm
Z axis travel.....	400 mm
Rapid traverse (X, Y).....	24 m/min
Spindle taper.....	BT 40
Spindle speeds.....	8,000 rpm
ATC (umbrella type).....	16 tools
Spindle motor (continuous / 30 min).....	10 hp
Controller	Fagor 8055i/A Conversational Control
Machine weight.....	Approx 3,800 Kg

Standard Accessories

- ✓ Fagor 8055iA Conversational CNC Control
- ✓ 8000 rpm Spindle Speed
- ✓ Full Guarding
- ✓ Work Light
- ✓ RS-232 Connector
- ✓ Portable MPG
- ✓ Wash Down system
- ✓ Coolant Gun
- ✓ Telescopic way covers
- ✓ Air conditioning unit
- ✓ 10.4" Colour Screen
- ✓ Fagor 12 Month Service Contract
- ✓ Rigid Tapping
- ✓ Spindle Air Blast
- ✓ Cycle Finish / Alarm Light Cluster
- ✓ Tool Box
- ✓ Heat Exchanger
- ✓ Auto Lubrication
- ✓ Safety Module

SPECIFICATION

Description	Unit	MM-430
Travels		
X	<i>mm (inch)</i>	760 (30)
Y	<i>mm (inch)</i>	460
Z	<i>mm (inch)</i>	400 (std.), 460 (opt.)
Spindle Nose to Table Top	<i>mm (inch)</i>	102-562 (4-22)
Spindle center to linear guideway	<i>mm (inch)</i>	480 (18.9)
Table		
Length	<i>mm (inch)</i>	900 (35.4)
Width	<i>mm (inch)</i>	410 (16)
Max Weight on Table	<i>kgs (lbs)</i>	350 (770)
T-Slot		
T-Slot Width	<i>mm (inch)</i>	16 (0.63)
Number of T-Slots		4
Center Distance	<i>mm (inch)</i>	102 (4)
Accuracy		
Positioning	<i>mm (inch)</i>	±0.005 (±0.0002)
Repeatability	<i>mm (inch)</i>	±0.005 (±0.0002)
Spindle		
Taper Size		# 40
Speed	<i>rpm</i>	8000(std) / 10000(opt)
Drive System		Belt Drive
Spindle Motor Rate (cont./30 min.)	<i>Kw</i>	5.5/7.5
Axes		
Ball screw dia. x pitch	<i>mm (inch)</i>	32 x P8 (1.25 x P0.31)
Linear way	<i>mm (inch)</i>	X/Y/Z – 35
Rapid feed	<i>M/min (IPM)</i>	24 (944)
Drive System - X/Y/Z		Direct drive
Axis motors - X/Y		Fagor
Axis motors - Z		Fagor
Axis motor power - X/Y		
Axis motor power - Z		3.6KW (Fagor)
Tool Changer (Optional)		
Capacity		16/24
ATC tooling system		BT/CAT/DIN69871
Max Tool Diameter	<i>mm (inch)</i>	89 (3.5)
Max Tool Weight	<i>kgs (lbs)</i>	5.4 (11.9)/ 8(17.6)
General		
Machine Weight - Table guard	<i>kgs (lbs)</i>	2914 (6411)
Machine Weight - Full guard with 210L coolant tank	<i>kgs (lbs)</i>	3630 (7986)