

Obráběcí centra > vertikální > CMX 600 V

Inv. číslo:	109013
Typ:	CMX 600 V
Parametry:	
Výrobce:	DMG MORI
Rok výroby/SO/GO:	2017/-/-
Lokalita:	Česká republika
Popis:	Velmi nízký stav počítadla hodin – cca. 2038h. Systém FANUC. Stroj byl původně zakoupen pro potřeby ukázek vzdělávacího centra, následně příležitostně využíván nástrojárnou. Stroj je velmi zachovalý a plně funkční – možnost vyzkoušení v provozu.





Max. pojezd v ose X	600 mm
Max. pojezd v ose Y	560 mm
Max. pojezd v ose Z	510 mm
Max. výška obrobku	630 mm
Max. hmotnost obrobku	600 kg
Max. délka obrobku	900 mm
Max. šířka obrobku	560 mm

1 MACHINE SPECIFICATIONS

Item			CMX600V CMX600Vc	CMX800V CMX800Vc	CMX1100V CMX1100Vc
Travel	X-Axis Travel (Longitudinal Movement of Table)	mm (in.)	600 (23.62)	800 (31.5)	1100 (43.31)
	Y-Axis Travel (Cross Movement of Saddle)	mm (in.)	560 (22.05)		
	Z-Axis Travel (Vertical Movement of Spindle Head)	mm (in.)	510 (20.08)		
	Distance from Table Surface to Spindle Gage Plane	mm (in.)	120 (4.72) - 630 (24.80) [320 (12.59) - 830 (32.67)] ¹⁾³⁾		
Table	Table Working Surface	mm (in.)	900 × 560 (35.43 × 22.05)	1100 × 560 (43.31 × 22.05)	1400 × 560 (55.12 × 22.05)
	Table Loading Capacity	kg (lb.)	600 (1320)	800 (1760)	1000 (2200)
	Table Surface Configuration		18 mm T-slot 5 pieces		
Spindle	Max. Spindle Speed ¹⁾	min ⁻¹	12000 [15000]		
	Number of Spindle Speed Ranges	Step	1		
	Type of Spindle Taper Hole	No.	No. 40		
	Spindle Bearing Inner Diameter	mm (in.)	65 (2.55)		
Feedrate	Rapid Traverse Rate	mm/min (ipm)	X, Y: 36000 (1417.32), Z: 30000 (1181.10)		
	Feedrate	mm/min (ipm)	1 (0.01) - 6000 (236.2) <Without Look-Ahead Control> / 1 (0.01) - 20000 (787.4) <With AI Look-Ahead Control> ²⁾⁵⁾		
	Jog Feedrate	mm/min (ipm)	0 - 5000 (0 - 196.85) <20 Steps>		
ATC Unit	Type of Tool Shank		MAS BT-40 [CAT-40, DIN-40]		
	Type of Retention Knob		90° For DMG MORI [MAS-I <45°>, MAS-II <60°>, DIN, center-through]		
	Tool Storage Capacity	Tools	30 [60]		
	Maximum Tool Diameter <With Adjacent Tools>	mm (in.)	60 (3.14)		
	Maximum Tool Diameter <Without Adjacent Tools>	mm (in.)	125 (4.92)		
	Maximum Tool Length	mm (in.)	300 (11.81)		
	Maximum Tool Mass	kg (lb.)	8 (17.6)		
	Method of Tool Selection		Technical Memory Random Method		
Motors	Spindle Drive Motor (5 min/30 min/cont.)	kW (HP)	Low: 15/11/9 (20.1/14.74/12.06) High: 15/13/11 (20.1/17.42/14.74)		
	Feed Motors	kW (HP)	X: 1.8 (2.4) Y: 1.2 (1.6) Z: 1.8 (2.4)		
	Lubricant Pump Motor	kW (HP)	0.017 (0.023)		
	Coolant Pump Motor	kW (HP)	0.8 (1.07) ¹⁾²⁾ , 1.1 (1.47) ¹⁾⁴⁾		
Required Air Source	Compressed Air Supply	MPa (psi) l/min (gpm)	0.5 (71.1), 200 (52.8) <ANR> ¹⁾⁵⁾		

Item		CMX600V CMX600Vc	CMX800V CMX800Vc	CMX1100V CMX1100Vc
Tank Capacity	Lubricant Tank Capacity L (gal.)	2.0 (0.53) <LM Guide and Ball Screw>		
	Coolant Tank Capacity L (gal.)	185 (49) [275 (72.8)] ^{*7} [360 (95.4)] ^{*8} [270 (71.5)] ^{*9}	235 (62.3) [300 (79.5)] ^{*7} [360 (95.4)] ^{*8} [270 (71.5)] ^{*9}	275 (72.8) [330 (87.4)] ^{*7} [360 (95.4)] ^{*8} [270 (71.5)] ^{*9}
Machine Size	Machine Height mm (in.)	2937 (115.63) [2972 (117)] ^{*8} , 3007 (118.39) ^{*9} <high column: + 200 mm>		
	Floor Space mm (in.)	2163 × 2742 (84.4 × 107.1) [3006 × 2742 (116.6 × 107.1)] ^{*7} [1868 × 3578 (72.9 × 139.2)] ^{*8} [1868 × 2742 (72.9 × 107.1)] ^{*9}	2559 × 2742 (99.8 × 107.1) [3400 × 2742 (132.6 × 107.1)] ^{*7} [2118 × 3578 (82.6 × 139.2)] ^{*8} [2118 × 2742 (82.6 × 107.1)] ^{*9}	3190 × 2742 (124.4 × 107.1) [4010 × 2742 (156.4 × 107.1)] ^{*7} [2750 × 3578 (107.3 × 139.2)] ^{*8} [2750 × 2742 (107.3 × 107.1)] ^{*9}
	Mass of Machine kg (lb.)	4700 (10340)	5000 (11000)	5500 (12100)

NOTE

- *1 Depending on restrictions imposed by the workpiece clamping device, jig, and tool used, it may not be possible to rotate at the maximum spindle speed.
- *2 With look-ahead control
- *3 At 50 Hz
- *4 At 60 Hz
- *5 ANR indicates the standard air state - temperature of 20°C absolute pressure of 101.3 kPa (29.92 inHg), and relative humidity of 65%.
- *6 Theoretical values
- *7 Chip conveyor left disposal type
- *8 Chip conveyor rear disposal type
- *9 Chip conveyor rear disposal manual-scraping type
- *10 High column specification