

DAEWOO VMC |1998| FANUC OM |

Specification:-

A. Standard specification

1) Stroke

X axis(Table)	1020 mm
Y axis(Saddle)	500 mm
Z axis(Column)	510 mm

2) Distance from Spindle nose to Table top 150-660 mm

3) Distance from Spindle center to Column guideway 520 mm

4) Table

Table size	1200 × 500 mm
Allowable load	800 kgf
T-Slot	4-125 × 18H8

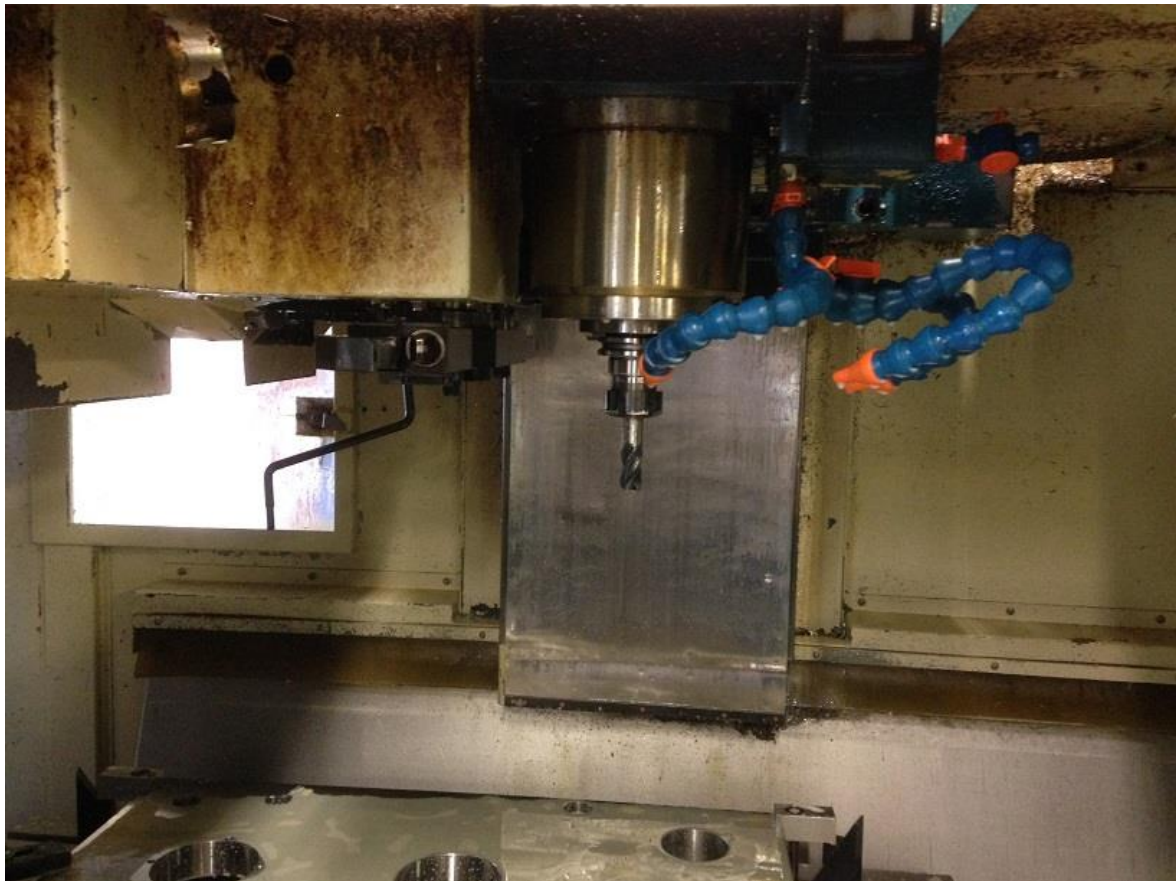
5) Spindle head

Motor capacity(continues/30 minutes)	FANUC HTM αP22	11/15 kW
Spindle Speed		40-4000 rpm
Max. spindle torque(at 15Kw)		29.2 kgf • m
Orientation		Position coder
Taper		ISO #40, 7/24 taper
Power transmission		Timing belt & pulley, stemless

6) Automatic Tool Changer(ATC)

Tool storage capacity	24 EA	
Tool changer arm	Swing arm	
Tool select type	Memory random	
Tool shank	MAS403 BT40	
Pull stud	MAS403 P40T-1(45°)	
Maximum tool diameter	Continuous	φ 90 mm

	Adjacent pots are empty	∅ 150 mm
	Maximum tool length	250 mm
	Maximum tool weight	8 kgf
	Tool change time	
	Tool-to-tool	2 sec
	Chip-to-chip	5 sec
7) Axis drive		
	Rapid traverse	
	X, Y axes	20 m/minute
	Z axis	15 m/minute
	Cutting feedrate	All axes 1-8000 mm/minute
	Ballscrews	
	X, Y axes	∅ 40 × P12 mm
	Z axis	∅ 40 × P10 mm
	Servo motor	
	X, Y axes	2.1 kW
	Z axis(With brake)	3.0 kW
	Accuracy	
	Positioning	±0.005 mm/Full stroke
	Repeatability	±0.002 mm
	Feedback system	Incremental pulse coder
8) Coolant system		
	Coolant tank capacity	180 l
	Pump motor power	250 W
9) Lubrication		
	Tank capacity	1.9 l
	Pump capacity	16 kgf/cm ² , 0.1 l /minute
	Oil distributor	Metering type
10) Machine dimension(std. M/C) X×Y×Z		2850×3700×3000 mm
11) Machine weight(std. M/C)		Approximately 7500 kgf
12) Facilities		
	Electric power supply	3Ph-AC220V/60Hz × 50kVA
	Air supply	5.5 kgf/cm ² × 250 N l /min



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