

VX950M / VX950MH



Vertical Machining Center

New Face in Mold Machining Field

High precision Vertical Machining Center for the Heavy duty cutting, as well as the mold cutting with extremely minimized vibration from the spindle side with the high performance and rigid mechanism, and the powerful strong geared spindle head.

			VX950M	VX950MH
Table Size (length x width)		mm [in]	2,700 × 950 [106.3x37.4]	2,700 × 950 [106.3x37.4]
Table Load		kgf [lbs]	4,500 [9,921]	4,500 [9,921]
Travel	X		2,450 [96.5]	2,450 [96.5]
	Y	mm [in]	950 [37.4]	950 [37.4]
	Z		850 [33.5]	850 [33.5]
Spindle Taper		mm [in]	NT # 50	NT # 50
Spindle Speed	STD	rpm	8,000	8,000
Spindle Power	Main	kw [hp]	22/18.5 [29.5/24.8]	22/18.5 [29.5/24.8]
Rapid Traverse	X, Y axis	m/min [ipm]	16 [630]	16 [630]
	Z axis		20 [787]	20 [787]
Tool Storage Capacity	STD		20	20
	OPT	EA	30	30

Design and Specifications are subject to change without prior notice.

**HYUNDAI-KIA MACHINE
AMERICA CORP.**

Power of Evolution

www.Hyundai-KiaMachine.com



VX950M / VX950MH

Specification

ITEM			VX950M	VX950MH	
TABLE	Size (length x width)		mm [in]	2,700 × 950 [106.3x37.4]	2,700 × 950 [106.3x37.4]
	Max. load on table		kgf [lbs]	4,500 [9,921]	4,500 [9,921]
	Table type			T-slot	T-slot
TRAVEL	Table longitudinal	X	mm [in]	2,450 [96.5]	2,450 [96.5]
	Table cross	Y		950 [37.4]	950 [37.4]
	Spindle head verticle	Z		850 [33.5]	850 [33.5]
	Tilting	A	degree	-	-
	Rotating	C		-	-
	Distance from column to spindle center			1,000 [39.4]	1,000 [39.4]
	Distance from table surface to spindle nose			200 ~ 1,050 [7.9~41.3]	200 ~ 1050 [7.9~41.3]
SPINDLE	Taper			NT # 50	BBT # 50
	Speed	STD	rpm	8,000	12,000
		OPT		-	-
	Power	STD	kw [hp]	22/18.5 [29.5/24.8]	30/25 [40.2/33.5]
		OPT		-	22/18.5 [29.5/24.8]
	Torque	STD	kgf-m [ft-lbs]	79.7 [576.5]	42.9 [310.3]
OPT		-		-	
Spindle Drive		STD	Geard head	Built-in	
FEED	Rapid	X,Y axis	m/min [ipm]	16 [630]	16 [630]
		Z axis		20 [787]	20 [787]
	Tilting	A	rpm	-	-
	Rotating	C		-	-
Cutting feed rate			m/min [ipm]	10 [394]	10 [394]
ATC	Type			twin arm	twin arm
	Tool storage capacity	STD	EA	20	20
		OPT		30	30
	Max. tool diameter		mm [in]	125 [4.9]	125 [4.9]
	Max. tool diameter (without adjacent tool)			240 [9.5]	240 [9.5]
	Max. tool length			300 [11.8]	300 [11.8]
	Max. tool weight		kgf [lbs]	20 [44.1]	20 [44.1]
	Tool selection type			Random	Random
Tool change time	tool to tool chip to chip	sec.	3.5	3.5	
			10.0	10.0	
MOTOR	Spindle	Main	kw [hp]	22/18.5 [29.5/24.8]	30/25 [40.2/33.5]
	Feed	X / Y		6/9 [8/12.1]	6/9 [8/12.1]
		Z / B		6 [8]	6 [8]
Coolant					
APC	Pallet change type				
	Pallet change time		sec.		
Coolant through spingle (Option)				30 bar	30 bar
Rigid tapping				STD	STD
Electric capacity			kVA	40	45
Floor space			mm [in]	6,100 × 4,430 [240.2x174.4]	6,100 × 4,430 [204.2x174.4]
Slide way				Box way	Box way
Machine weight			kgf [lbs]	23,500 [51,808]	23,500 [51,808]
Controller			STD	FANUC 18iMB	FANUC 18iMB
			OPT		

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