

VX750M / VX750MH



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.

			VX750M	VX750MH
Table Size (length x width)		mm [in]	1,800 × 700 [70.9x27.6]	1,800 × 700 [70.9x27.6]
Table Load		kgf [lbs]	2,000 [4,409]	2,000 [4,409]
Travel	X		1,550 [61.0]	1,550 [61.0]
	Y	mm [in]	750 [29.5]	750 [29.5]
	Z		720 [28.4]	720 [28.4]
Spindle Taper		mm [in]	BBT # 50	BBT # 50
Spindle Speed	STD	rpm	4,500	12,000
Spindle Power	Main	kw [hp]	18.5/15 [24.8/20.1]	30/25 [40.2/33.5]
Rapid Traverse	X, Y axis	m/min [ipm]	16 [630]	16 [630]
	Z axis		12 [472]	12 [472]
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



VX750M / VX750MH

Specification

ITEM			VX750M	VX750MH
TABLE	Size (length x width)		mm [in]	1,800 × 700 [70.9x27.6]
	Max. load on table		kgf [lbs]	2,000 [4,409]
	Table type			T-slot
TRAVEL	Table longitudinal	X	mm [in]	1,550 [61.0]
	Table cross	Y		750 [29.5]
	Spindle head verticle	Z		720 [28.4]
	Tilting	A	degree	-
	Rotating	C		-
	Distance from column to spindle center			790 [31.1]
	Distance from table surface to spindle nose			200 ~ 920 [7.9~36.2]
SPINDLE	Taper			BBT # 50
	Speed	STD	rpm	4,500
		OPT		8,000
	Power	STD	kw [hp]	18.5/15 [24.8/20.1]
		OPT		22/18.5 [29.5/24.8]
	Torque	STD	kgf-m [ft-lbs]	91.1 [659.1]
OPT		67 [484.6]		
Spindle Drive		STD	Gear head	
FEED	Rapid	X,Y axis	m/min [ipm]	16 [630]
		Z axis		12 [472]
	Tilting	A	rpm	-
	Rotating	C		-
	Cutting feed rate		m/min [ipm]	5 [197]
ATC	Type			twin arm
	Tool storage capacity	STD	EA	20
		OPT		30
	Max. tool diameter		mm [in]	125 [4.9]
	Max. tool diameter (without adjacent tool)			240 [9.5]
	Max. tool length			300 [11.8]
	Max. tool weight		kgf [lbs]	20 [44.1]
	Tool selection type			Random
Tool change time	tool to tool chip to chip	sec.	3.5	
			10.0	
MOTOR	Spindle	Main	kw [hp]	18.5/15 [24.8/20.1]
	Feed	X / Y		4/4 [5.4/5.4]
		Z / B		7 [9.4]
Coolant				
APC	Pallet change type			
	Pallet change time		sec.	
Coolant through spingle (Option)				30 bar
Rigid tapping				STD
Electric capacity			kVA	35
Floor space			mm [in]	4,040 × 3,830 [159.1x150.8]
Slide way				Box way
Machine weight			kgf [lbs]	13,000 [28,660]
Controller			STD	FANUC 18iMB
			OPT	FANUC 18iMB

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