

Hi-V360 / Hi-V360D



Vertical Machining Center

High Quality, High Performance, High Productive Mechanism, Super Power, the Next Generation Machining Center

- Coolant tank with variety options are attachable.
- High productivity guaranteed APC (Optional feature)
- Double anchors type ball-screw

			Hi-V360	Hi-V360D
Table Size (length x width)		mm [in]	800 × 360 [31.5x14.2]	2-600 × 360 [23.6x14.2]
Table Load		kgf [lbs]	500 [1,102]	2 x 200 [441]
Travel	X		520 [20.5]	520 [20.5]
	Y	mm [in]	360 [14.2]	360 [14.2]
	Z		300 [11.8]	300 [11.8]
Spindle Taper		mm [in]	NT # 30	NT # 30
Spindle Speed	STD	rpm	12,000	12,000
Spindle Power	Main	kw [hp]	9/7 [12.1 /9.4]	9/7 [12.1 /9.4]
Rapid Traverse	X,Y axis	m/min [ipm]	50 [1,969]	50 [1,969]
	Z axis		40 [1,575]	40 [1,575]
Tool Storage Capacity	STD		12	12
	OPT	EA	16	16

Design and Specifications are subject to change without prior notice.

**HYUNDAI-KIA MACHINE
AMERICA CORP.**

Power of Evolution

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Hi-V360 / Hi-V360D

Specification

ITEM			Hi-V360	Hi-V360D	
TABLE	Size (length x width)		mm [in]	800 × 360 [31.5x14.2]	2-600 × 360 [23.6x14.2]
	Max. load on table		kgf [lbs]	500 [1,102]	2 × 200 [441]
	Table type			T-slot	T-slot
TRAVEL	Table longitudinal	X	mm [in]	520 [20.5]	520 [20.5]
	Table cross	Y		360 [14.2]	360 [14.2]
	Spindle head verticle	Z		300 [11.8]	300 [11.8]
	Tilting	A	degree	-	-
	Rotating	C		-	-
	Distance from column to spindle center			400 [15.7]	400 [15.7]
	Distance from table surface to spindle nose			200 ~ 500 [7.9~19.7]	200 ~ 500 [7.9~19.7]
SPINDLE	Taper			NT # 30	NT # 30
	Speed	STD	rpm	12,000	12,000
		OPT			
	Power	STD	kw [hp]	9/7 [12.1/9.4]	9/7 [12.1/9.4]
		OPT			
	Torque	STD	kgf-m [ft-lbs]	4.6 [33.3]	4.6 [33.3]
OPT					
Spindle Drive		STD	Direct drive	Direct drive	
FEED	Rapid	X,Y axis	m/min [ipm]	50 [1,969]	50 [1,969]
		Z axis		40 [1,575]	40 [1,575]
	Tilting	A	rpm	-	-
	Rotating	C		-	-
Cutting feed rate			m/min [ipm]	15 [591]	15 [591]
ATC	Type			Armless	Armless
	Tool storage capacity	STD	EA	12	12
		OPT		16	16
	Max. tool diameter		mm [in]	80 [3.1]	80 [3.1]
	Max. tool diameter (without adjacent tool)				
	Max. tool length			200 [7.9]	200 [7.9]
	Max. tool weight		kgf [lbs]	3 [6.6]	3 [6.6]
	Tool selection type			Random	Random
Tool change time	tool to tool chip to chip	sec.	0.85	0.85	
			1.9	1.9	
MOTOR	Spindle	Main	kw [hp]	9/7 [12.1 /9.4]	9/7 [12.1 /9.4]
	Feed	X / Y		8.5/8.5 [11.4/11.4]	8.5/8.5 [11.4/11.4]
		Z / B		8.5 [11.4]	8.5 [11.4]
Coolant					
APC	Pallet change type			-	Dual table
	Pallet change time		sec.	-	-
Coolant through spingle (Option)					
Rigid tapping				STD	STD
Electric capacity			kVA	33	33
Floor space			mm [in]	1,765 × 2,940 [69.5x115.7]	1,765 × 3,040 [69.5x119.7]
Slide way				LM guide	LM guide
Machine weight			kgf [lbs]	6,000 [13,228]	6,000 [13,228]
Controller			STD	SIEMENS 810D	SIEMENS 810D
			OPT		

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