

Hyundai Wia KF5600(C) (formerly the F500Plus)
Vs. YCM NXV1020A

www.hillaryinc.com/vertical-machiningcenters.htm
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BRAND	YCM	Hyundai Wia	
MODEL	NXV1020A	KF5600(C)	
Table Size	44.1" x 20.5"	49.2" x 22"	<i>Hyundai has a larger working surface!</i>
X Axis Travel	40.2"	43.3"	<i>Hyundai has more X travel!</i>
Y Axis Travel	20.5"	22"	<i>Hyundai has more Y travel!</i>
Z Axis Travel	21.3"	20.5" (25" on "C")	<i>Hyundai has more Optional Z travel for larger parts and rotary tables!</i>
Spindle to Table	5.51" ~ 26.77"	5.9" ~ 26" (31")	<i>Hyundai has a taller working area on "C" models for larger parts and rotary tables!</i>
Spindle to Colum	Not Published	26.8"	
Slide Type	LM	Cylindrical Roller	<i>Hyundai uses the more rigid more accurate cylindrical roller guide design</i>
Rapid Traverse X Axis	1890 IPM	1575 IPM	<i>YCM is faster in X & Y Axis rapids but this is likely due to the lower payload. Hyundai Wia KF5600 utilizes cylindrical roller guides & table load is 2X that of YCM. Hyundia Wia is faster in Z Axis!</i>
Rapid Traverse Y Axis	1890 IPM	1575 IPM	
Rapid Traverse Z Axis	1260 IPM	1417 IPM	
Axis Servo Motor HP (X/Y/Z)	<i>Not published</i>	4 / 4 / 5.4	
Table Load	1102 lbs	2205 lbs	<i>Hyundai Wia has 2X the payload capacity!</i>
Max Spindle HP	25 HP	20HP [25HP] [33HP] [30HP]	
Max Spindle Speed	12k	8k [12k] [15k] [20k]	
Max Spindle Torque	87 ft-lbs	211 ft-lbs [87] [123] [86.8]	
Spindle Type	#40	#40	
Max Tools	24 is STD	30 is STD	<i>Hyundai Wia has more standard tool pockets!</i>
Max Tool Diameter	5.5"	4.9"	
Max Tool Length	11.8"	11.8"	
Max Tool Weight	13.2 lbs	17.6 lbs	<i>Hyundai Wia has more standard tool weight!</i>
Tool Change Time (C-C)	Not Published	3.2 sec	
Coolant Tank Capacity	Not Published	105 gallons	
Machine Weight	11,795 lbs	16,314 [16,645 lbs]	<i>Hyundai has significantly heavier construction!</i>
Source	www.ycmcnc.com	www.machine.hyundai-wia.com	
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