

**Hyundai Wia KF5600
Vs. Samsung MCV 500**

BRAND	Samsung	Hyundai Wia	
MODEL	MCV500	KF5600(C)	
Table Size	47.2" x 21.3"	49.2" x 22"	<i>Hyundai has larger working surface/table!</i>
X Axis Travel	41.3"	43.3"	<i>Hyundai has more X travel!</i>
Y Axis Travel	21.3"	22"	<i>Hyundai has more Y travel!</i>
Z Axis Travel	20.5"	20.5" (25")	<i>Hyundai has more Z travel on "C" Model</i>
Spindle to Table	5.1" ~ 25.6"	5.9" ~ 26.4" (31")	<i>Hyundai has a taller working area! More on "C" model</i>
Spindle to Colum	23.1"	26.8"	<i>Hyundai has a deeper working area!</i>
Slide Type	Roller	Roller	
Rapid Traverse X Axis	1417 IPM	1575 IPM	
Rapid Traverse Y Axis	1417 IPM	1575 IPM	<i>Hyundai is faster!</i>
Rapid Traverse Z Axis	1181 IPM	1417 IPM	
Servo Axis HP and Thrust (X/Y/Z)	2.4 / 2.4 / 4.0	4.0 / 4.0 / 5.4	<i>Hyundai has more servo axes HP & thrust!</i>
Table Load	1760 lbs	2205 lbs	<i>Hyundai has a heavier payload!</i>
Max Spindle HP	25 HP	25 HP	
Max Spindle Speed	12k [8k]	12k [8k] [15k] [20k]	<i>Hyundai Wia has more spindle choices; higher torque on 8K spindle</i>
Max Spindle Torque	87 ft-lbs [155 ft-lbs]	87 ft-lbs [211 ft-lbs] [123 ft-lbs] [72 ft-bs]	
Spindle Type	#40	#40	
Max Tools	30	30	
Max Tool Diameter	4.9"	4.9"	
Max Tool Length	11.8"	11.8"	
Max Tool Weight	17.6 lbs	17.6 lbs	
Tool Change Time (T-T)	1.5 sec	1.4 sec	
Tool Change Time (C-C)	3.7 sec	3.2 sec	<i>Hyundai can change tools faster!</i>
Machine Weight	12,000 lbs	16,645 lbs	<i>Hyundai has significantly heavier construction!</i>
Source	www.samsungmachinetools.com	www.machine.hyundai-wia.com	

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