

**Hyundai Wia KF5600(C) (F500Plus)  
Vs. Okuma M560V**

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BRAND	Okuma	Hyundai Wia	Hyundai Wia	
MODEL	M560-V	F500Plus	KF5600(C)	
Table Size	<b>51.18</b> x 22.05	47.2" x 19.7"	49.2" x 22"	
X Axis Travel	41.34	41.7"	<b>43.3"</b>	<i>Hyundai has more X travel!</i>
Y Axis Travel	20.05	20.1	<b>22"</b>	<i>Hyundai has more Y travel!</i>
Z Axis Travel	18.11"	<b>25"</b>	<b>20.5" (25" on "C")</b>	<i>Hyundai has more Z travel for larger parts and rotary tables!</i>
Spindle to Table	5.9" ~ 24.02"	5.9" ~ 30.9"	<b>5.9" ~ 26" (31")</b>	<i>Hyundai has a taller working area larger parts and rotary tables!</i>
Spindle to Column	???	24.2"	26.8"	
Slide Type	Roller	Roller	Roller	
Rapid Traverse X Axis	<b>1575 IPM</b>	1417 IPM	<b>1575 IPM</b>	
Rapid Traverse Y Axis	<b>1575 IPM</b>	1417 IPM	<b>1575 IPM</b>	
Rapid Traverse Z Axis	1262 IPM	1260 IPM	<b>1417 IPM</b>	<i>Hyundai has faster Z Axis Rapids!</i>
Axis Servo Motor HP (X/Y/Z)	<b>5.4 / 5.4 / 5.4</b>	4 / 4 / 5.4	4 / 4 / 5.4	
Table Load	1980 lbs	1,764 LBS	<b>2205 lbs</b>	<i>Hyundai has heavier table load capacity!</i>
Max Spindle HP	30 HP	25 HP	<b>20HP [25HP] [33HP] [30HP]</b>	
Max Spindle Speed	12,000 [15000]	12,000	<b>8k [12k] [15k] [20k]</b>	<i>Hyundai has higher speed / more choice of spindles!</i>
Max Spindle Torque	146 ft-lbs @ 750 RPM	87 ft-lbs at 1500 RPM	<b>211 ft-lbs [87] [123] [86.8]</b>	<i>Hyundai has higher HP / more choice of spindles!</i>
Spindle Type	#40	#40	#40	
Max Tools	<b>32</b>	30	30[40]	
Max Tool Diameter	4.9"	4.9"	4.9"	
Max Tool Length	11.8"	11.8"	11.8"	
Max Tool Weight	18 lbs	18 lbs	18 lbs	
Tool Change Time (C-C)	<b>1.2 sec</b>	1.3 sec	1.4 sec	
Tool Change Time (C-C)	?????	3.7	3.2 sec	
Coolant Tank Capacity	60 gallons	<b>92.5 Gallons</b>	<b>105 gallons</b>	<i>Hyundai has more coolant capacity!</i>
Machine Weight	16,500 lbs	<b>16,976 lbs</b>	<b>16,314 [16,645 lbs]</b>	<i>Hyundai Wia has slightly heavier construction!</i>
Source	<a href="http://www.okuma.com">www.okuma.com</a>	<a href="http://www.machine.hyundai-wia.com">www.machine.hyundai-wia.com</a>	<a href="http://www.machine.hyundai-wia.com">www.machine.hyundai-wia.com</a>	

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