

**Hyundai Wia KF5600(C) (formerly the F500Plus)  
Vs. Doosan DNM 500 II DNM 5700**

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BRAND	Doosan	Doosan	Hyundai Wia	
MODEL	DNM 500 II	DNM 5700	KF5600(C)	
Table Size	47.2" x 21.3"	<b>51.2" x 22.4"</b>	49.2" x 22"	
X Axis Travel	40.2"	41.3"	<b>43.3"</b>	<i>Hyundai has more X travel!</i>
Y Axis Travel	21.3"	<b>22.4"</b>	22"	
Z Axis Travel	20.1"	20.1"	<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" ~ 26"	5.9" ~ 26"	<b>5.9" ~ 26" (31")</b>	<i>Hyundai has a taller working area larger parts and rotary tables!</i>
Spindle to Colum	23.1"	Not Published	<b>26.8"</b>	<i>Hyundai has a deeper working area!</i>
Slide Type	Roller	Roller	Roller	
Rapid Traverse X Axis	1417 IPM	1417 IPM	<b>1575 IPM</b>	
Rapid Traverse Y Axis	1417 IPM	1417 IPM	<b>1575 IPM</b>	<i>Hyundai is faster in X, Y and Z Axis!</i>
Rapid Traverse Z Axis	1181 IPM	1181 IPM	<b>1417 IPM</b>	
Axis Servo Motor HP (X/Y/Z)	2.4 / 2.4 / 4.0	<i>Not published</i>	<b>4 / 4 / 5.4</b>	<i>Hyundai Wia has more axes servo motor HP!</i>
Table Load	1764 lbs	2205 lbs	2205 lbs	
Max Spindle HP	20 HP [25 HP] [20 HP]	20 HP [25 HP]	<b>20HP [25HP] [33HP] [30HP]</b>	<i>Hyundai has higher available horsepower!</i>
Max Spindle Speed	8k [12k] [8k]	8k [12k]	<b>8k [12k] [15k] [20k]</b>	<i>Hyundai has higher speed / more choice of spindles!</i>
Max Spindle Torque	79 ft-lbs [86.3] [89]	211 ft-lbs [87]	211 ft-lbs [87] [123] [86.8]	
Spindle Type	#40	#40	#40	
Max Tools	30	30	30	
Max Tool Diameter	4.9"	4.9"	4.9"	
Max Tool Length	11.8"	11.8"	11.8"	
Max Tool Weight	17.6 lbs	17.6 lbs	17.6 lbs	
Tool Change Time (C-C)	3.7 sec	3.2 sec	3.2 sec	
Coolant Tank Capacity	100 gallons	81.9 gallons	<b>105 gallons</b>	<i>Hyundai has more coolant capacity!</i>
Machine Weight	14,329 lbs	14,330 lbs	<b>16,314 [16,645 lbs]</b>	<i>Hyundai has heavier construction!</i>
Source	<a href="http://www.doosanmachinetools.com">www.doosanmachinetools.com</a>	<a href="http://www.doosanmachinetools.com">www.doosanmachinetools.com</a>	<a href="http://www.machine.hyundai-wia.com">www.machine.hyundai-wia.com</a>	
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