

**Hyundai Wia KF4600 (formerly F400)  
Vs. Doosan DNM 400 II DNM 4500**

BRAND	Doosan	Doosan	Hyundai Wia	
MODEL	DNM 400 II	DNM 4500	KF4600	
Table Size	36.2" x 17.1"	39.4" x 17.7"	<b>41.3" x 18.1"</b>	<i>Hyundai has a larger table!</i>
X Axis Travel	30"	31.5"	<b>35.4"</b>	<i>Hyundai has more X travel!</i>
Y Axis Travel	17.1"	17.5"	<b>18.1"</b>	<i>Hyundai has more Y travel!</i>
Z Axis Travel	20.1"	20.1"	<b>20.5"</b>	<i>Hyundai has more Z travel!</i>
Spindle Nose to Table	5.9" ~ 26"	5.9" ~ 26"	5.9" ~ 26"	
Rapid Traverse X Axis	1417 IPM	1417 IPM	1417 IPM	
Rapid Traverse Y Axis	1417 IPM	1417 IPM	1417 IPM	
Rapid Traverse Z Axis	1181 IPM	1181 IPM	<b>1417 IPM</b>	<i>Hyundai has faster Z Rapids!</i>
Axes Servo Motor HP (X/Y/Z)	2.4 / 2.4 / <b>4.0</b>	Not Published	2.4 / <b>3.3</b> / 3.3	
Table Load	1323 lbs	1323 lbs	1323 lbs	
Max Spindle HP	25 [20]	25 [20]	<b>20 [25] [33]</b>	<i>Hyundai Wia has more/higher horsepower choices!</i>
Max Spindle Speed (RPM)	8k [12k]	8k [12k]	<b>8k [12k] [15k]</b>	<i>Hyundai Wia has more/higher Spindle RPM choices!</i>
Max Spindle Torque (FT-Lbs)	86	87 [211]	211 [87] [123]	
Spindle Type	#40	#40	#40	
Max Tools	30 [40]	30 [40]	30 [40]	
Max Tool Diameter	4.9"	4.9"	4.9"	
Max Tool Length	11.8"	11.8"	11.8"	
Max Tool Weight	17.6"	17.6"	17.6"	
Tool Change Time (T-T)	1.3 sec	<b>1.2 sec</b>	1.4 sec	
Tool Change Time (C-C)	3.7 sec	3.2 sec	3.2 sec	
Coolant Tank Capacity	79 gallons	69 gallons	79 gallons	
Machine Weight	11,023 lbs	11,023 lbs	<b>13,228 lbs</b>	<i>Hyundai has a little 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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