

**Hyundai Wia HS5000/HS5000i
Vs. Doosan HP 5100 II**

Description / Model	DOOSAN HP 5100 II	DOOSAN HC 500 II	HYUNDAI WIA HS5000/i	
No. of Pallet	2	2	2	
Pallet Size	19.7"x19.7"	19.7"x19.7"	19.7"x19.7"	
Pallet Maximum Load Capacity	1102 lbs	1102 lbs	1102 lbs	
Maximum Working Size	Ø31.5" X H36.6"	Ø31.5" X H35.4"	Ø30.7" X H38.6"	<i>Hyundai Wia has a taller work capacity; larger overall dimensional work capacity!</i>
Distance from Spindle Nose to Table Center	5.9" ~ 35.4"	5.9" ~ 35.4"	5.9" ~ 35.4"	
Distance from Spindle Center to Table Top	2.0" ~ 29.5"	2.0" ~ 29.5"	2.0" ~ 29.5"	
Spindle Taper	ISO#40	ISO#40	BIG PLUS #40 [HSK-A63]	
Spindle RPM	14000 [20,000]	8000 [12,000]	12,000 [15,000]	
Spindle Motor Output (Max./Cont.)	30/25	25/15	33.5 / 30	<i>Hyundai Wia has higher horsepower!</i>
Spindle Driving Method	Built-In Motor Spindle	Built-In Motor Spindle	Built-In Motor Spindle	
Travel (X/Y/Z axis)	33.5" x 27.6" x 29.5"	33.5" x 27.6" x 29.5"	33.5" x 27.6" x 29.5"	
Axes Servo Motor HP (X/Y/Z/B)	9.4 / 9.4 / 9.4 / 3.6	5.4 / 5.4 / 5.4 / 4.0	5.4-7.4 / 7.4-9.3 / 7.4-9.3 / 4.0-6.0	<i>Hyundai Wia has higher B-Axis Horsepower!</i>
Rapid Traverse Rate in IPM (X/Y/Z)	2362 ipm (XYZ)	1575 ipm (XYZ)	1968 ipm [2362 ipm] (XYZ)	
Maximum Cutting Feed Rate IPM	1181 ipm	1575 ipm	1575 ipm	<i>Hyundai Wia has higher cutting feed rates!</i>
Slide Type	Cylindrical Roller LMG	Cylindrical Roller LMG	Cylindrical Roller LMG	
Number of Tools	40/60/90/120/170/262	40/60/90/120/170/262	40/60/80/120	
Tool Shank	CAT40 / DIN 40 / HSK-A63	CAT40 / DIN 40 / HSK-A63	CAT40 BIG PLUS [HSK-A63]	
Max. Tool Dia. (W.T/W.O)	Ø 2.9" / Ø 5.5"	Ø 2.9" / Ø 5.5"	Ø 2.9" / Ø 5.5"	
Max. Tool Length	15.7"	15.7"	17.7"	<i>Hyundai Wia can support longer tools!</i>
Max. Tool Weight	22 lbs	22 lbs	17.6 lbs	
Tool Change Time (T-T / C-C)	1.5 sec / 4 sec	1.5 sec / 4 sec	1.1 sec / 3.5 [3.8 sec]	<i>Hyundai Wia has faster tool change times!</i>
APC Type	Rotary Shuttle	Rotary Shuttle	Rotary Shuttle	
Pallet Change Time	7.5 sec	8.5 sec	10 sec [10 sec]	
Coolant Tank	169.1 gal	169.1 gal	166.4 gal [184.9 gal]	
Floor Space (LxW)	211.8 sec x 109.4"	209.4 sec x 105.5"	210.2" x 123.2"	
Weight	33,069 lbs	27557.8 lbs	33,069 lbs	
Source	http://www.doosanmachinetools.com	http://www.doosanmachinetools.com	https://machine.hyundai-wia.com/usa/	

Disclaimer- Every reasonable effort has been made to ensure the accuracy and validity of the information provided in this document. Since this information is largely supplied by the competitor's published information, we reserve the right to change (correct) at any time without notice, information contained on this page and make no warranties or representations as to its accuracy. You are encouraged to confirm this information via your own research. Please email us at sales@hillaryinc.com to notify us of any mistakes, errors, and omissions.