

Description / Model	DOOSAN NHP 6300	HYUNDAI WIA HS6300	HYUNDAI WIA XH6300	
No. of Pallet	2	2	2	
Pallet Size	24.8" X 24.8"	24.8" X 24.8"	24.8" X 24.8"	
Pallet Maximum Load Capacity	3306.9 lbs	2645.5 lbs	3306.9 lbs	
Maximum Working Size	Ø41.3" X H53.1"	Ø47.2" X H43.3"	Ø40.2" x H58.3"	Hyundai Wia has larger cutting dia.(HS6300) & Height (XH6300)
Spindle Taper	ISO#50	BIG PLUS #50 [HSK-A100]	BIG PLUS #50 [HSK-A100]	
Spindle RPM	10000 [6000, 15000]	8000 [8000, 12,000]	10000 [16,000]	Hyundai Wia has a higher optional spindle speed!
Spindle Motor Output (Max./Cont.)	60.3/33.5 [49.6/33.5, 49.6/40.2]	29.5/24.8 [34.9/29.5, 40.2/33.5]	120.7/80.5 HP	Hyundai Wia XH6300 has significantly more horsepower!
Max Spindle Torque (ft-lbs)	442.8 [597.0, 293.7]	576 [680, 309.8]	660.2 [237.8]	Hyundai Wia has a higher torque spindle!
Spindle Driving Method	Built-In Motor Spindle	Geared [Geared, Built-In]	Built-In Motor Spindle	Hyundai HS6300 delivers more torque with a geared spindle!
Travel (X/Y/Z axis)	41.3" x 35.4" x 39.4"	41.3" x 34.4" x 34.4"	41.3" X 35.4" X 39.4"	
Distance from Spindle Center to Table Top	3.0 - 38.4	3.9~38.4	3.9~39.4	
Distance from Table Center to Spindle Nose	3.9 - 43.3	5.9~40.4	6.1~45.4	
Rapid Traverse Rate in IPM (X/Y/Z)	2362 ipm (XYZ)	1969 ipm (XYZ)	2362 ipm (XYZ)	
Maximum Cutting Feed Rate	1181 ipm	1969 ipm	2362 ipm	Hyundai Wia has a higher maximum cutting feed rate!
Slide Type	Cylindrical Roller LMG	Cylindrical Roller LMG	Cylindrical Roller LMG	
Number of Tools	40/60/90/120/150/196/256/316/376	40/60/90/120	40/60/90/120/160/180/240/348	
Tool Shank	CAT50 [DIN50/HSK-A100]	CAT50 BIG PLUS [HSK-A100]	CAT50 BIG PLUS [HSK-A100]	
Max. Tool Dia. (W.T/W.O)	5.1" / Ø12.6"	Ø4.9" / Ø10.6"	Ø4.9" / Ø12.6"	
Max. Tool Length	24.8" [27.6" on HSK]	24.8"	24.8"	
Max. Tool Weight	66.1 lbs	55.1 lbs	55.1 lbs	
Tool Change Time (T-T / C-C)	2 sec / 5.4 sec	1.8 sec / 3.8 sec	2.1 sec / 4.2 sec	Hyundai Wia has a faster tool change time!
APC Type	Rotary Shuttle	Rotary Shuttle	Rotary Shuttle	
Pallet Change Time	12 sec	16 sec	9.8 sec	Hyundai Wia has a quicker pallet change time!
Floor Space (LxW)	287.4" x 154.7"	205.2" x 173.9"	310.6" x 178.7"	Hyundai Wia takes up less space!
Weight	39682 lbs	55,116 lbs	44,092 lbs	Hyundai Wia has heaviere construction!
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