

**Hyundai Wia HD2200(C) L300A  
Vs. Doosan Puma GT2100(B)**

<https://www.hillaryinc.com/turning.htm>

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BRAND	Doosan	Hyundai Wia	Hyundai Wia	
MODEL	Puma GT2100 (B)	HD2200 (C)	L300A (LA)	
Guide Type	Box	Box	Box	
Bed Angle	30 Degree	<b>45 Degree</b>	<b>45 Degree</b>	<i>A 45 degree bed is optimal for rigidity, chip evacuation and subsequent thermal stability!</i>
Max. Turning Diameter	15"	15"	<b>19.7"</b>	<i>Hyundai Wia L300A has more turning diameter!</i>
Max. Turning Length	22"	22"	<b>28.3" (52")</b>	<i>Hyundai Wia L300A has more turning length!</i>
Chuck (Class)	8"(Opt 10")	8"(Opt 10")	10"	
Max. Bar Capacity	2.6" (3.2")	2.6" (3")	3.0"	
Rapid Traverse X-axis	945 IPM	945 IPM	787 IPM	
Rapid Traverse Z-axis	1181 IPM	1181 IPM	945 IPM	
Axes Servo Motor HP (X/Y)	2.4/4.0	2.4/4.0	<b>5.3/5.3</b>	<i>Hyundai Wia L300A has more axes servo motor horsepower!</i>
Max. Spindle Speed	<b>4500 RPM (3500 RPM)</b>	4,000 RPM (3500 RPM)	3600 RPM	
Spindle Motor HP	25/20 HP	25/20 HP	<b>30/25 HP</b>	<i>Hyundai Wia L300A has more horsepower!</i>
Spindle Torque	231 FT-LBS (296 FT-LBS)	<b>260 FT-LBS (297 FT-LBS)</b>	<b>557 FT-LBS</b>	<i>Hyundai Wia has more Torque!</i>
Spindle Type	A2-6 (A2-8)	A2-6 (A2-8)	<b>A2-8 Gear Driven</b>	<i>Hyundai Wia L300A produces more torque with gear driven spindle!</i>
Number of Tools std.	12 (10)	12	12	
Turning Tool Shank Size	1" x 1"	1" x 1"	1" x 1"	
Boring Bar Diameter	1.6"	1.6"	<b>2</b>	<i>Hyundai Wia L300A has large ID tool holders!</i>
Turret (Tool Post) Clamping Force	53 kN (11,915 lbs)	9,608 lbs	<b>14,425 lbs</b>	<i>Hyundai Wia L300A has more turret (tool post) clamping force!</i>
<b>LIVE TOOL MODELS</b>				
Live Tool Turret Type	BMT55P	BMT55P	BMT55P	
Live Tool Speed (Max)	<b>5000 RPM</b>	6000 RPM	4000 RPM	
Live Tool Motor HP (Max/Cont)	7.4 / 1.5	5.0 / <b>3.0</b>	<b>7.4 / 5.0</b>	<i>Hyundai Wia HD2200 and L300A have more continuous horsepower!</i>
Live Tool Motor Torque (Max/Cont)	<b>34.7 / 10.3 ft-lbs</b>	25.8 / <b>15.7 ft-lbs</b>	25.8 / <b>17.33 ft-lbs</b>	<i>Hyundai Wia HD2200 and L300A have more continuous torque!</i>
Tail Stock Quill Bore Taper	#4	#4	<b>#5</b>	
Machine Weight	7,920 lbs	<b>9,039 lbs (9,259 lbs)</b>	<b>13,889 lbs (16,535 lbs)</b>	<i>Hyundai Wia has heavier construction!</i>
Source	<a href="http://www.doosanmachinetools.com">www.doosanmachinetools.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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