

**Hyundai Wia HD2200(C) / L300A (LA)
Vs. Doosan Puma 2100**

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

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BRAND	Doosan	Hyundai Wia	Hyundai Wia	
MODEL	Puma 2100 (L)	HD2200(C)	L300A (LA)	
Guide Type	Box Way	Box Way	Box Way	
Bed Angle	30 Degree	45 Degree	45 Degree	<i>A 45 degree bed is optimal for rigidity, chip evacuation and subsequent thermal stability!</i>
Max. Turning Diameter	18.9"	15"	19.7"	<i>Hyundai Wia has more turning diameter!</i>
Max. Turning Length	21.5" (30.9)	22.2"	28.3" (52")	<i>Hyundai wia has more turning length!</i>
Chuck (Class)	8"(Opt 10")	8"(Opt 10")	10"	
Max. Bar Capacity	2.6"	2.6" (3")	3.0"	<i>Hyundia Wia has bigger bar capacity!</i>
Rapid Traverse X-axis	1181 IPM	945 IPM	787 IPM	
Rapid Traverse Z-axis	1181 IPM	1181 IPM	945 IPM	
Axes Servo Motor HP (X/Z)	4.0/4.0	2.4/4.0	5.3/5.3	<i>Hyundai Wia has more axes servo motor horsepower!</i>
Max. Spindle Speed	4500 RPM	4,000 RPM (3500 RPM)	3600 RPM	
Spindle Motor HP	25/20 HP	25/20 HP	30/25 HP	<i>Hyundia Wia has more horsepower!</i>
Spindle Torque	231 FT-LBS	260 FT-LBS	557 FT-LBS	<i>Hyundai Wia has more torque!</i>
Spindle Type	A2-6 Belted	A2-6 Belted (A2-8 Belted)	A2-8 Gear Driven	<i>Hyundai Wia utilizes a geared spindle!</i>
Number of Tools std.	12	12	12	
Turning Tool Shank Size	1" x 1"	1" x 1"	1" x 1"	
Boring Bar Diameter	2"	1.6"	2"	
Turret (Tool Post) Clamping Force	53 KN (11,915 lbs)	9,608 lbs	14,425 lbs	<i>Hyundai Wia L300A has significantly more turret (tool post) clamping force!</i>
Tailstock Center	#4/#3	#4	#5	<i>Hyundai Wia utilizes a heavier tailstock on L300A!</i>
Machine Weight	10,692 lbs (11,794 lbs)	9,039 lbs	13,889 lbs (16,535 lbs)	<i>Hyundai Wia is built heavier!</i>
Source	www.doosanmachinetools.com	www.machine.hyundai-wia.com	www.doosanmachinetools.com	
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