

**Hyundai Wia L280(L)
Vs. Doosan Lynx 300**

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

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BRAND	Doosan	Hyundia Wia	
MODEL	Lynx 300	L280(L)	
Guideways	Roller Guides	Roller Guides	
Bed Angle	30 Degree	60 Degree	<i>A 60 degree bed is optimal for rigidity, chip evacuation and subsequent thermal stability.</i>
Max. Turning Diameter	17.7"	16.1"	
Max. Turning Length	30.1"	28.3" (42.1")	<i>Hyundai Wia has more turning length!</i>
Chuck (Class)	10"	10"	
Max. Bar Capacity	3"	3"	
Rapid Traverse X-axis	945 IPM	984 IPM	<i>Hyundai Wia has faster rapids!</i>
Rapid Traverse Z-axis	1181 IPM	1181 IPM	
Axes Servo Motor HP	2.4/2.4	4.0/5.3	<i>Hyundai Wia has a lot more axes servo motor horsepower!</i>
Max. Spindle Speed	3500	3000 RPM	
Spindle Motor HP	25/20 HP	30/25 HP	<i>Hyundai Wia has more horsepower!</i>
Spindle Torque	403 FT-LBS	538 FT-LBS	<i>Hyundai Wia has more torque!</i>
Spindle Type	A2-8	A2-8	
Number of Tools std.	12	10	
Turret Clamp Force	11,240	12,621	<i>Hyundai Wia has more turret (tool) clamping force!</i>
LIVE TOOL MODELS			
Live Tool Turret Type	BMT55P	VDI40	
Live Tool Speed (Max)	5000 RPM	4000 RPM	
Live Tool Motor HP (Max/Cont)	7.4 / 1.5	7.4 / 5.0	<i>Hyundai Wia L280 has more continuous live tool motor HP!</i>
Live Tool Motor Torque (Max/Cont)	34.7 / 10.3 ft-lbs	25.8 / 17.3 ft-lbs	<i>Lynx 300 has more peak torque but Hyundai L280 has higher continuous torque!</i>
Turning Tool Shank Size	1' x 1"	1" x 1"	
Boring Bar Diameter	1.6"	2"	<i>Hyundai Wia supports a larger standard boring bar!</i>
Tailstock Quill Taper	#4	#5	<i>Hyundai Wia has a heavier tailstock quill!</i>
Tailstock Quill Diameter	80mm	100mm	<i>Hyundai Wia has a larger diameter tailstock quill!</i>
Tailstock Thrust Force	1,731 lbs	5,349 lbs	<i>Hyundai Wia has more tailstock quill thrust!</i>
Machine Weight	8800 LBS	13,448 lbs (17,637 lbs)	<i>Hyundai Wia has heavier construction!</i>
Source	www.doosanmachinetools.com	www.machine.hyundai-wia.com	
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