

**Hyundai Wia L300C(L)(BB) L400C(L)
Vs. Doosan Puma GT3100(L)**

www.hillaryinc.com/12-inch-chuck-turning-centers.htm
(877)902-3751

BRAND	Doosan	Hyundai Wia	Hyundai Wia	
MODEL	Puma GT3100(L)	L300C (L) BB	L400C(L)	
Guide Type	Box	Box	Box	
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"	22"	24.8"	<i>Hyundai has more turning diameter!</i>
Max. Turning Length	29.7" (50.2")	28.3" (52")	46.1" (83.5" on LC)	<i>Hyundai has more turning length!</i>
Chuck (Class)	12"	15"	15" (Opt 18")	<i>Hyundai has larger standard chuck!!</i>
Max. Bar Capacity	4"	4"	4.6"	<i>Hyundai has larger bar capacity!(L400C)</i>
Axes Travels (X/Z)	10" x 32.7" (53.1")	14" x 29.5" (53.1")		
Rapid Traverse X-axis	945 IPM	787 IPM	787 IPM	
Rapid Traverse Z-axis	1181 IPM	984 IPM	945 IPM	
Axes Servo Motor HP (X/Z)	4.0/5.3	5.3/9.3	9.3/9.3	<i>Hyundai Wia has more axes servo motor horsepower!</i>
Max. Spindle Speed	2800 RPM	2800 RPM	2000 RPM	
Spindle Motor (Int[S3 25%] /30Min/Cont)	*47/35/30 HP	Int [S3 25%] Not Rated /35/30 HP	Int [S3 25%] Rating Not Used/35/30 (50/40) HP	
Spindle Torque (Int[S3 25%] /30Min/Cont)	*1190 / 884 / 748 ft-lbs	S3 25% Rating Not Used / 977.3 / 826.8 ft-lbs	S3 25% Rating Not Used / 1293 / 1094 ft-lbs	<i>Hyundai has more 30min & continuous torque!</i>
Spindle Type	A2-11 Geared Trans	A2-11 GEARED HEAD	A2-11 Geared Trans	
Number of Tools std.	10 (opt 12)	12	10 (Opt 12)	
Turning Tool Shank Size	1" x 1"	1" x 1"	1.2" x 1.2"	<i>Hyundai has larger standard OD tools!(L400C)</i>
Boring Bar Diameter	2"	2"	2"	
Turret (Tool Post) Clamping Force	53 kN (11,915 lbs)	14,425 lbs	14,425 lbs	<i>Hyundai Wia has more turret (tool post) clamping force!</i>
LIVE TOOL MODELS				
Live Tool Turret Type	BMT65P	BMT65P	BMT75P	
Live Tool Speed (Max)	5000 RPM	4000 RPM	4000	
Live Tool Motor HP (Max/Cont)	10.1 / 2.0	7.4 / 4.7	10.0 / 8.4	<i>Hyundai Wia L300 and L400 have more continuous horsepower!</i>
Live Tool Motor Torque (Max/Cont)	70.0 / 24.9 ft-lbs	25.8 / 17.3 ft-lbs	52.8 / 44.2 ft-lbs	<i>Hyundai Wia L400 has more continuous torque!</i>
Tail Stock Quill Bore Taper	#5	#5	#5	
Machine Weight	12,100 lbs (14,960)	14,100 lbs (17,765 lbs)	18739 lbs (24250 on LC)	<i>Hyundai has heavier construction!</i>
Source	www.doosanmachinetools.com	www.machine.hyundai-wia.com	www.machine.hyundai-wia.com	

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