

BRAND	Doosan	Hyundai Wia	Hyundai Wia	Hyundai Wia	
MODEL	Puma GT3100(L)	HD3100(L)	L300C (L) BB	L400C(L)	
Guide Type	Box	Box	Box	Box	
Bed Angle	30 Degree	30 Degree	45 Degree	45 Degree	<i>A 45 degree bed is optimal for rigidity, chip evacuation!</i>
Max. Turning Diameter	18.9"	19.7"	22"	24.8"	<i>Hyundai has more turning diameter!</i>
Max. Turning Length	29.7" (50.2")	30.7" (51.2")	28.3" (52")	46.1" (83.5" on LC)	<i>Hyundai has more turning length!</i>
Chuck (Class)	12"	12"	15"	15" (Opt 18")	<i>Hyundai has larger standard chuck!!</i>
Max. Bar Capacity	4"	4"	4"	4.6"	<i>Hyundai has larger bar capacity!(L400C)</i>
Axes Travels (X/Z)	10" x 32.7" (53.1")	10.4" x 32.7" (53.1")	14" x 29.5" (53.1")		
Rapid Traverse X-axis	945 IPM	945 IPM	787 IPM	787 IPM	
Rapid Traverse Z-axis	1181 IPM	1181 IPM	984 IPM	945 IPM	
Axes Servo Motor HP (X/Z)	4.0/5.3	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	2800 RPM	2000 RPM	
Spindle Motor (Int[S3 25%] /30Min/Cont)	47/35/30 HP	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	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 Trans	A2-11 GEARED HEAD	A2-11 Geared Trans	
Number of Tools std.	10 (opt 12)	10 (opt 12)	12	10 (Opt 12)	
Turning Tool Shank Size	1" x 1"	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"	2"	
Turret (Tool Post) Clamping Force	59 kN (13,263 lbs)	59 kN (13,263 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	BMT65P	BMT75P	
Live Tool Speed (Max)	5000 RPM	5000 RPM	4000 RPM	4000	
Live Tool Motor HP (Max/Cont)	10.1 / 2.0	5 / 3	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	34.7 / 20.7	25.8 / 17.3 ft-lbs	52.8 / 44.2 ft-lbs	<i>Doosan has higher peak HP / Hyundai Wia has more continuous torque!</i>
Tail Stock Quill Bore Taper	#5	#5	#5	#5	
Machine Weight	12,100 lbs (14,960)	13,228 lbs (15,873 lbs)	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	

Disclaimer- Every reasonable effort has been made to ensure the accuracy and validity of the information provided in this document. Since this information is largely supplied by the competitor's published information, we reserve the right to change (correct) at any time without notice, information contained on this page and make no warranties or representations as to its accuracy. You are encouraged to confirm this information via your own research. Please email us at sales@hillaryinc.com to notify us of any mistakes, errors, and omissions.