

**Hyundai Wia L500LA -L600A/LA  
Vs. SMEC (formerly Samsung) SL45**

www.hillaryinc.com/20-inch-chuck-turning-centers.htm  
(877)902-3751

<b>BRAND</b>	<b>SMEC</b>	<b>Hyundai Wia</b>	<b>Hyundai Wia</b>	
<b>MODEL</b>	<b>SL45 (SL4500A/LA)</b>	<b>L500LA</b>	<b>L600A (LA)</b>	
Max. Turning Diameter	26.77	<b>28.3"</b>	<b>36.2"</b>	<i>Hyundai Wia L500 has more turning diameter!</i>
Max. Turning Length	<b>49.21" / 88.6" / 120"</b>	83"	65" (128")	
Chuck (Class)	18" ~ 24"	18" ~ 24"	18" ~32"	
Max. Bar Capacity (Draw Tube ID)	<b>6.5"</b>	<b>6.5"</b>	5.4"	
Rapid Traverse X-axis	787 IPM	787 IPM	472 IPM	
Rapid Traverse Z-axis	394 IPM	<b>708 IPM</b>	630 IPM	
Servo Axis HP (X/Z)	9.3HP / 8HP	<b>9.3HP/12HP</b>	<b>9.3HP/12HP</b>	<i>Hyundai Wia L500 has more Z axis feed HP!</i>
Max. Spindle Speed	1200 RPM	<b>1500 RPM</b>	<b>1500 RPM</b>	<i>Hyundai Wia has highest RPM!</i>
Spindle Motor (30Min/Cont)	60/50 HP	60/50 HP	60/50 HP	
Spindle Torque (30Min/Cont)	<b>3103 ft-lbs</b>	3,032.8 ft-lbs	<b>4,137 ft-lbs</b>	<i>Hyundai Wia l600 has the most torque</i>
Spindle Type	A2-15	A1-15	A1-15	
Number of Tools std.	12	12	12	
Turning Tool Shank Size	1.3" x 1.3"	1.3" x 1.3"	1.3" x 1.3"	
Boring Bar Diameter	2.5"	<b>3</b>	<b>3</b>	
<b>Live Tool Option?</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	
Machine Weight	44,100 lbs	33,510 lbs	39683 lbs (51,809 lbs)	<i>Hyundai Wia L600LA has the heaviest construction</i>
Source	<a href="http://www.esmecamerica.com">www.esmecamerica.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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