

## SP430 Series



- Modular design of the machine
- Option with “Y” axis, bottom head and sub-spindle
- High stroke of “Y” axis
- High rigidity of the machine
- High torque of the spindle – effective turning on maximum diameter
- Use of roller guide way in all axes – long-term high-precision machining
- Siemens 840D, Heidenhain 4290 or Fanuc 30i/31i



		SP430 L2	SP430 MC/L2	SP430Y/L2
Swing over bed		26.7"		
Swing over upper cross carriage		18.5"		18.8"
Max. turning diameter – from upper turret		21.6"		
Max. turning diameter		16.9"		
Max. turning length with machined front sides		15.7" /31.5" /43.3"		
<b><u>Main Spindle</u></b>				
Spindle nose (DIN 55026)	A11			
Motor power output S1/S6-40% Siemens	28 / 42			
Max. spindle torque S1/S6-40%	1034 /1550 ft lbs			
Max. spindle speed	3150			
Number of speed ranges	2			
Max. bar capacity	3.5"			
<b><u>X1 axis - direct measurement</u></b>				
Max. travel	13.5"		12.8"	
<b><u>Z1 axis - indirect measurement</u></b>				
Max. travel	48"			

<b><u>W2 axis- steady rest - indirect measurement</u></b>				
Max. travel	38.3"			
<b><u>Y1 axis - indirect measurement</u></b>				
Max. travel	-			
<b><u>Upper turret</u></b>				
Number of positions	12	12 (6 driven pos.)		
Max. speed of tool spindle	-	4000		
Power S1 / S3 – 40%	-	24 hp		
Torque S1 / S3-40%	-	44 ftlbs		

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