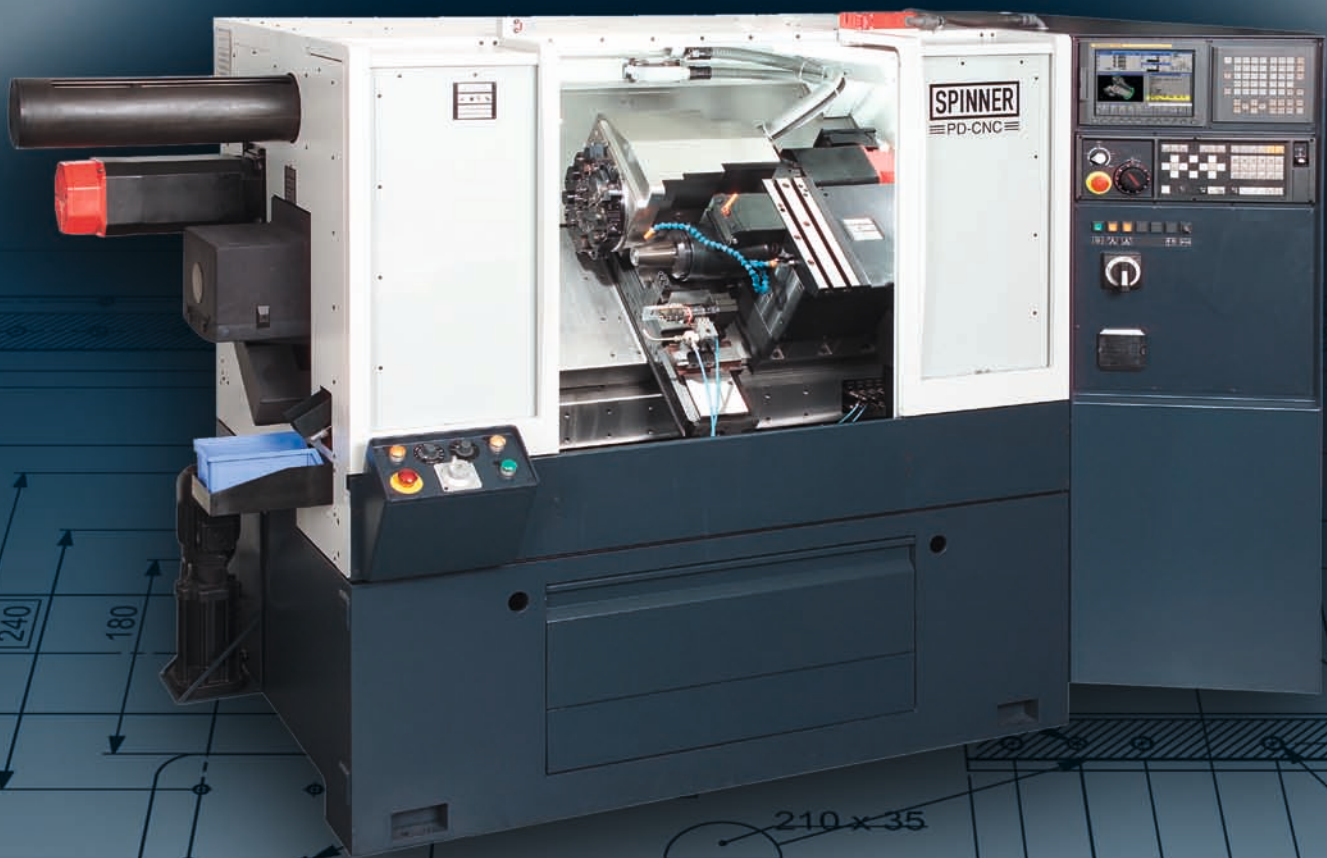


# SPINNER

# PD

## Ultra-Precision Lathe



Mechanical Engineering

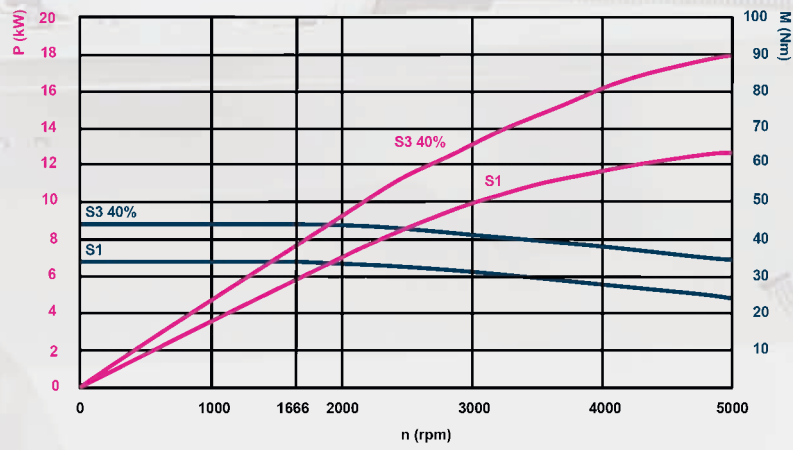
# Made in Germany

[www.spinner.eu.com](http://www.spinner.eu.com)  
[sales@spinner.eu.com](mailto:sales@spinner.eu.com)

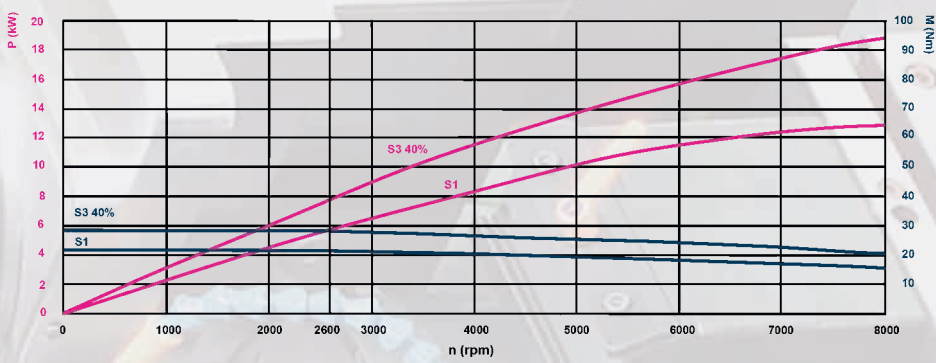
Working area	PD32 <sup>1)</sup>	PD42 <sup>1)</sup>	PD32-T/S <sup>2)</sup>	PD42-T/S <sup>2)</sup>
Swing diameter	300 mm			
Normal turning diameter	~120 mm			
X-axis	400 mm			
Z-axis	400 mm			
<b>Axes</b>				
Rapide traverse / Ultra-precise feed	12 m/min			
<b>Main spindle</b>				
Max. spindle speed	8.000 rpm	5.000 rpm	8.000 rpm	5.000 rpm
Performance	7,7 kW (S3 40%)	7,7 kW (S3 40%)	7,7 kW (S3 40%)	7,7 kW (S3 40%)
Torque	28 Nm (S3 40%)	43 Nm (S3 40%)	28 Nm (S3 40%)	43 Nm (S3 40%)
Spindle nose	Ø 100 / 110 mm			
Spindle bore	Ø 32 / 42 mm			
Max. axial force of the clamping cylinder	500 dN / 600 dN			
<b>Sub spindle (S)</b>				
Max. spindle speed	-		8.000 rpm	
Performance	-		5,4 kW (S3 40%)	
Torque	-		17,5 Nm (S3 40%)	
Spindle nose	Ø 100 mm			
Spindle bore	Ø 32 mm			
Max. axial force of the clamping cylinder	500 dN			
<b>Tailstock (T)</b>				
Diameter of quill	-		40 mm	
Stroke of quill	-		128 mm	
Stroke of tailstock	-		~200 mm	
Max. pressing force	-		2.000 N (6 bar)	
<b>Turret</b>				
Number of tool stations	8 or 16		8 or 16	
Number of driven tools (option)	8 in the event of 16-position turret		8 in the event of 16-position turret	
Toolholder	8 x VDI20 / 16 x VDI16		8 x VDI20 / 16 x VDI16	
Max. speed of driven tools	6.000 rpm		6.000 rpm	
Performance P <sub>max</sub>	11 kW		11 kW	
Torque M <sub>max</sub>	23 Nm		23 Nm	
<b>General indications</b>				
Dimensions (L x W x H) <sup>3)</sup>	2645/2735 <sup>4)</sup> x 1730 x 1715 mm		2645/2735 <sup>4)</sup> x 1730 x 1715 mm	
Weight <sup>5)</sup>	~2.100 kg		~2.300-2500 kg	

1) Only linear tooling; 2) Linear tooling and tailstock (T) or sub spindle (S); 3) See floorplan;  
4) Siemens/Fanuc; 5) Machine net weight

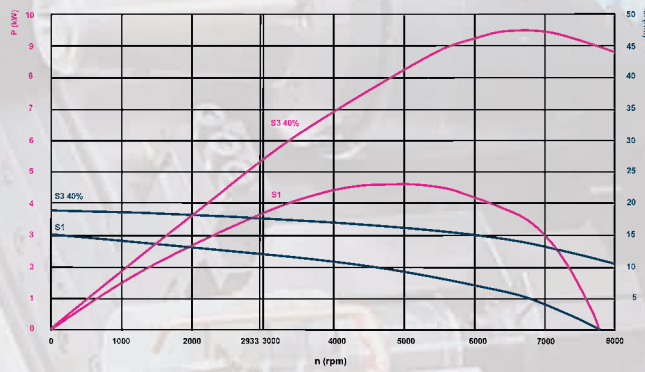
Main Spindle 5.000 rpm



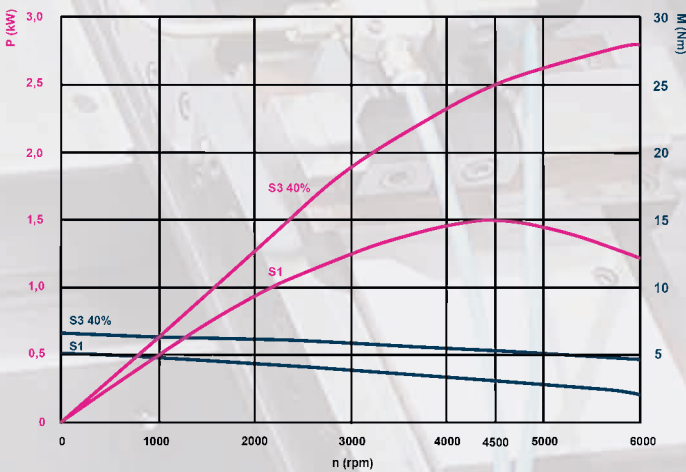
Main Spindle 8.000 rpm

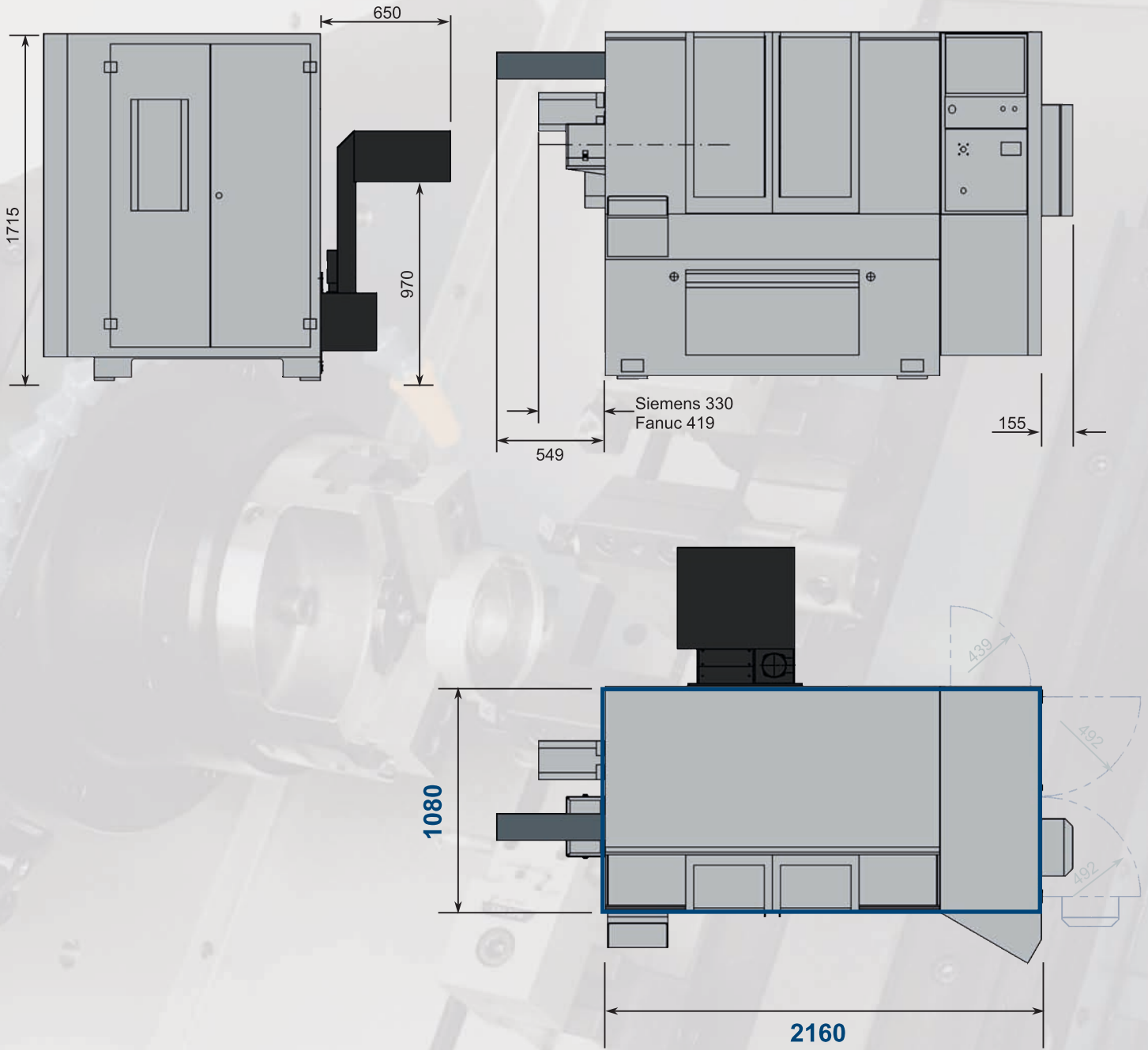


Sub Spindle 8.000 rpm



Driven Tool 6.000 rpm





**Compact dimensions for low space requirement**

- Option chip conveyor
- Option part catcher



Werkzeugmaschinenfabrik GmbH



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Spinner Machine-Tools are working successfully world wide with many well known clients in more than 60 countries on 6 continents. We have been fortunate enough to attract small component suppliers in addition to well known global groups in all metal machining industries.

We have designed and produced the most modern machine-tools since 1950. More than 20.000 delivered machines demonstrate their high efficiency, precision and reliability, everyday.

Although Spinner is a medium-sized enterprise we produce and sell more than 1.000 CNC machines a year. And the number is increasing every year. Our company combines the know-how of a global player with the flexibility and cost-effective structures of a family owned business.

Place your trust in our products as well and let us know what we can do for you.



Video

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Version 22.4.2015

Technical changes of specifications and pictures are subject to change without notice - Pictures can include options, accessories