

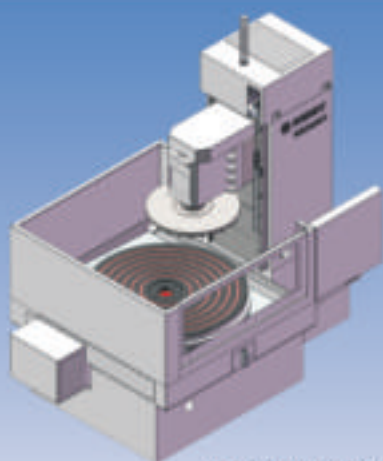
# WRS Series CNC Rotary Surface Grinders



WRS-300 Horizontal Spindle



Rotary Table  
Ø1200 mm & 630 mm



WRS-Vertical Spindle



WRS-600 Horizontal Spindle

 **WENDT**

Models		WRS 300H	WRS 300V	WRS 600H	WRS 600V
<b>Work Piece</b>					
Max. Dia of Work Piece Clamped	mm	550	550	1100	1100
Min. Dia of Work Piece Clamped (center)	mm	80	80	200	200
Max. Dia of Work Piece Ground at a Nominal Height of Wheel Dia 400mm	mm	365	265	550	450
Work Piece Weight max.	Kg	300	300	1800	1800
<b>Circular Table (B-axis)</b>					
Diameter of Adapter Plate / Magnetic bed	mm	630	630	1200	1200
Operating Height	mm	1060	1060	1060	1060
Speed Range	rpm	7.5-150	7.5-150	7.5-50	7.5-50
<b>Cross Slide (Z-axis)</b>					
Stroke	mm	430	430	600	600
Speed	mm/min	7.5-1400	7.5-1400	7.5-1400	7.5-1400
Resolution	mm	0.002	0.002	0.002	0.002
<b>Vertical Slide (Y-axis)</b>					
Stroke	mm	415	360	550	360
Speed	mm/min	0.06-180	0.06-180	0.06-180	0.06-180
Resolution	mm	0.002	0.002	0.002	0.002
<b>Grinding Wheel</b>					
Max. Wheel Dia	mm	450	410	450	675
Min. Dia of Wheel (at the Discarded size)	mm	310	-	310	-
Bore Dia	mm	203	203	203	203
Max. Height (Vertical)/Width (Horizontal)	mm	90	90	90	90
<b>Grinding Spindle Nose</b>					
Diameter	mm	80	-	80	-
Taper		1:5	-	1:5	-
Taper length	mm	80	-	80	-
Driving Power	kW	11	15	11	15
Speed	rpm	1500	1500	1500	1500
<b>Hydraulic System</b>					
Tank Capacity	Ltr.	27	27	27	27
Pump Feed Rate	ltr/min.	5	5	5	5
Oil Viscosity	mm <sup>2</sup> /S	32	32	32	32
<b>Coolant System</b>					
Tank Capacity app.	ltr.	400	400	600	600
Coolant Flow Rate	ltr/min.	100	100	250	250
<b>Electrical Controls</b>					
Controls		Siemens	Siemens	Siemens	Siemens
Switch Gear		Siemens	Siemens	Siemens	Siemens
Switch Cabinet		Rittal	Rittal	Rittal	Rittal
<b>Installation Data</b>					
Total Weight	Kg	5400	5400	6000	6000
Total Connected Load	kVA	20.2	29	36	36

## Ideal Applications

- Precision grinding of Auto Components like Connecting Rods, Rocker Arms etc.
- Engineering Components like Die & Moulds, Compressor Valve Plates, Pumps etc.
- Ceramic and Refractory parts

## Some of the exclusive features :

- Offered in 2-axis and 3-axis configuration
- Rotary table diameter in sizes 630mm and 1200mm
- Retraction of wheel head incase of power supply failure and alarms
- Choice of CNC controls... Siemens 802 DSL, Siemens 810DE, Siemens 840 DE
- Specific custom built accessories and tooling

Since continuous improvements are made, specifications are subject to change without notice.

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