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RGD series

DUPLEX ROLL GRINDER, GROOVER & FINISHER

Available Models:

RGD 11000x3m RGD 11000x4m RGD 11000x5m
 RGD 11000x6m RGD 11000x7m RGD 1000/Custom

Please contact us for other lengths and diameters

The RGD series is HNC's flagship Duplex Grinder & Groover. Separate grinding and grooving heads are each mounted on their own cross slides, giving fast and accurate operation between grinding and grooving.

The standard machine is fitted with high speed grinding and grooving heads, however you can choose from any combination of the different head options.

Capacity	RGD 11000x3m	RGD 11000x4m	RGD 11000x5m	RGD 11000x6m	RGD 11000x7m
Standard Grind Wheel Diameter	350 mm	350 mm	350 mm	350 mm	350 mm
Stone Grind Wheel Option Diameter	750 mm	750 mm	750 mm	750 mm	750 mm
Maximum Roll Diameter	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm
Distance Between Centres	3000 mm	4000 mm	5000 mm	6000 mm	7000 mm

Headstock	Spindle Nose – D1-11 (A2-11)	Spindle Bore – 105mm	Spindle nose Bush – MT8 x MT6
Tailstock	Quill Travel – 300mm	Quill Diameter – 105mm	Quill Taper – MT6

General Information					
Overall Length	5500 mm	6500 mm	8000 mm	9000 mm	11000 mm
Overall Width	2500 mm	2500 mm	2500 mm	2500 mm	2500 mm
Overall Height	2200 mm	2200 mm	2200 mm	2200 mm	2200 mm

Standard Grinding Profiles:	Parallel, Cambered (Crowned), Taper (Straight Taper), Step Taper (Trapezoidal)
Standard Grooving Profiles:	Linear (Horizontal), Radial (Circumferential), Diamond, Helix (Spiral), Spreader (Chevron)
Head Options:	High speed Grinding (5800 rpm, 350mm tungsten carbide wheel, 8KW) High speed Grooving (5800 rpm, 350mm tungsten carbide wheel, 5KW) Large Grinding head (1400 rpm, 750mm vitrified wheel, 15 KW) Thermo Cutter Polishing Attachment Linishing Attachment
Standard CNC Controller:	Fanuc Oi-TF
Custom Profiles:	<i>Available On All Models</i>
Manual Operation:	<i>Available On All Models</i>
HNC Connect: Remote Support from HNC	<i>Available On All Models</i>



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