



www.hnc.ltd.uk



Grooving

GV 1100 series

ROLL GROOVER

Available Models:

GV1100X3m GV1100X6m
 GV1100X4m GV1100X7m
 GV1100X5m the ones specified
Please contact us for other lengths and diameters

The GV1100 is a large capacity grooving and grinding machine. It is based on a similar concept to the Duplex RGD, but to reduce cost the machine is fitted with a single grooving head, mounted on one set of linear rails.

With the high speed grooving head tilted to the vertical position, the GV1100 is fully capable of producing all standard grinding profiles. As an option, the GV1100 can also be fitted with a Thermo cutter (hot knife) to allow the grooving of the super spreader patterns.

Capacity	GV1100X3m	GV1100X4m	GV1100X5m	GV1100X6m	GV1100X7m
Grind Wheel Diameter	350 mm	350 mm	350 mm	350 mm	350 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
Maximum Grinding / Grooving Length	3000 mm	4000 mm	5000 mm	6000 mm	7000 mm

Headstock	Spindle Nose – A1-11	Spindle Bore – 104 mm	Floor to spindle centre – 1310 mm
Tailstock	Quill Travel – 220 mm	Quill Diameter – 150 mm	Quill Taper – MT6

General Information	GV1100X3m	GV1100X4m	GV1100X5m	GV1100X6m	GV1100X7m
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 Grooving Profiles	
Linear (Horizontal)	Helix (Spiral)
Radial (Circumferential)	Spreader (Chevron)
Diamond	Herringbone
Standard CNC Controller	Fanuc Oi-TF
PLC Controller Option	Omron NJ PLC
Custom Profiles:	Available as Standard On All Models
Manual Operation:	Available as Standard On All Models
HNC Connect: Remote Support from HNC	Available as an Option On All Models

Halifax Numerical Controls Ltd
 Holmfield Works, Shay Lane.
 Halifax, West Yorkshire, HX3 6RS UK

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE. E&O

Tel: +44 1422 360607
info@hnc.ltd.uk