



HALIFAX NUMERICAL CONTROLS LIMITED

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# GV 300 series

ROLL GROOVER

## CAPACITY:

300 mm in diameter and 2m, 3m, 4m in length - or any length with HNC Custom.

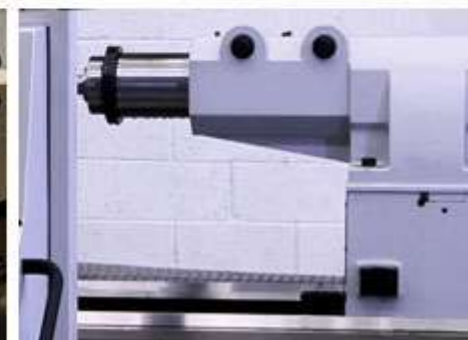
23.62 inch in diameter and 6.56 ft, 9.84 ft, 13.12 ft in length or any length with HNC Custom.

The GV 300 Series of advanced automatic grooving machines are supplied complete with a full range of industry standard grooving patterns. The high speed grooving head is mounted on a servo controlled indexing table allowing a fully automatic grooving cycle.

Operation and control is easy through the moveable console. The operator can easily



Grooving





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### Available Models:

GV300x2m    GV300x3m    GV300x4m  
Please contact us for other lengths and diameters

Capacity	GV300x2m	GV300x3m	GV300x4m
Grind Wheel Diameter	350 mm	350 mm	350 mm
Grinding Motor Speed / Power	5880 Rpm / 5 Kw	5880 Rpm / 5 Kw	5880 Rpm / 5 Kw
Headstock Speed / Power	100 Rpm / 2 Kw (5 Kw Peak)	100 Rpm / 2 Kw (5 Kw Peak)	100 Rpm / 2 Kw (5 Kw Peak)
Maximum Roll Diameter	300 mm (extreme 350 mm)	300 mm (extreme 350 mm)	300 mm (extreme 350 mm)
Distance Between Centres	2000 mm	3000 mm	4000 mm
Swing Over The Cross Slide	560 mm	560 mm	560 mm
Maximum Grinding Length	1700 mm	2710 mm	3730 mm

<b>Headstock</b>	Spindle Nose – A1-11	Spindle Bore – 104 mm	Spindle Bush – MT8 x MT6
<b>Tailstock</b>	Quill Travel – 300 mm	Quill Diameter – 105 mm	Quill Taper – MT6

General Information	GV300x2m	GV300x3m	GV300x4m
Overall Length	4500 mm	5500 mm	6500 mm
Overall Width	2250 mm	2250 mm	2250 mm
Overall Height	2260 mm	2269 mm	2260 mm

<b>Standard Grooving Profiles:</b>	Linear (Horizontal), Radial (Circumferential), Diamond, Helix (Spiral), Spreader (Chevron), Herringbone
<b>Standard Grinding Profiles:</b>	Parallel, Cambered (crown), Taper, Step Taper
Standard CNC Controller	<b>Fanuc Oi-TF</b>
Custom Profiles:	<i>Available as Standard On All Models</i>
Manual Operation:	<i>Available as Standard On All Models</i>
<b>HNC Connect:</b> Remote Support from HNC	<i>Available as an Option On All Models</i>

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