

Jupiter ATI

Product Data Sheet



Key Features:

- The Ultimate 'All in One' machine. A fully automatic relief and spin grinder with customisable programmes.
- Automatic traverse, indexing and in-feed.
- Cast bed construction.
- Liquid coolant on all operations.
- Linear bed rails.
- Variable speed spin motor.

Precision grinding is all about achieving the best possible result and the Jupiter Series 5 ATI is precision grinding at its best – automatically. With one machine you can spin and relief grind returning cylinders and shear blades back to the original manufacturer's specification.

As an automatic grinder it can be set to operate independently, allowing other tasks in the workshop to be carried out simultaneously. The cast bed provides the stability required for accurate grinding and the linear bed rails ensure accurate and smooth traverse of the grinding wheel to within 0.05 mm over the width of the machine.

Operator comfort and safety is maintained with a liquid coolant to prevent airborne dust. This has the added benefit of reducing heat distortion affecting the performance of the grinder.

Technical Data

Model:	Jupiter ATI
Type:	All-in-one
Weight:	1035 kg (<i>standard</i>) 1170 kg (<i>inc. hoist</i>)
Traverse Mechanism:	Automatic
In-feed Mechanism:	Mechanical
Interface:	Touchscreen
Max Cylinder Length:	42" out-of-situ 36" in-situ
Max Cylinder Diameter:	250 mm (10")
Remote Access?	Yes

Coolant?	Yes	
Dust Extraction?	No	
Spin Grind?	Yes	
Cylinder	Relief Grind?	Yes
	In-situ?	Yes
Shear-blade	Front Face?	Yes
	Top Face?	Yes
Grinding Wheel	Diameter:	229 mm
	Speed	2500 RPM

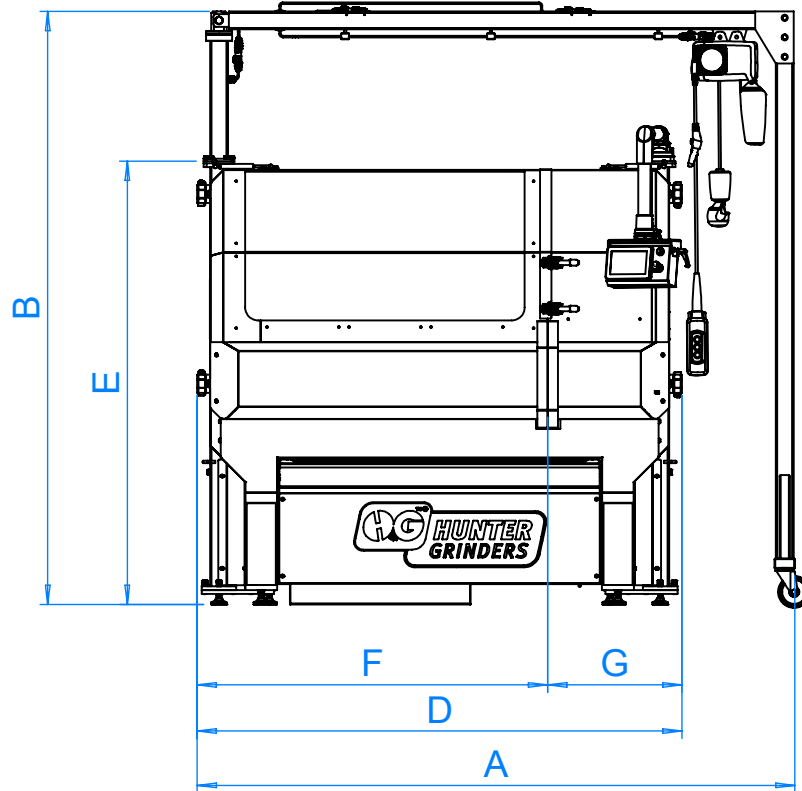


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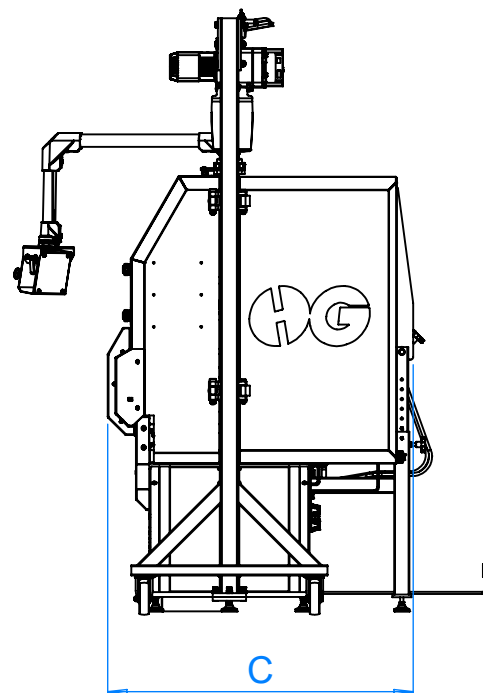
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Dimensions



View	Dimension
A	2332 mm
B	2315 mm
C	1195 mm
D	1895 mm
E	1730 mm
F	1370 mm
G	525 mm



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Options

The table below lists the options available for this machine. Bespoke options can be requested, however these will be subject to Engineering assessment to determine technical feasibility. Additional charges may be applicable.

Group	Description
BEARING	Bearing pack available for out-of-situ work. Specific sets are available for all popular machines.
DRIVERS	Various drivers available to fit different manufacturer specifications. Available for all common machines.
ROTARY BLADES	Rotary blade attachment for professional rotary blades.
CHIPPER BLADES	Custom jig and fixtures can be designed to accommodate your chipper blade type.
HOIST	A 360 degree, electric, 250kg hoist can be installed for the lifting of mowers for in-situ grinds.