



Manual Grinding System MGS 34

Height Adjustable Grinder



Ergonomics and efficiency in the
cleaning room

www.bellmachinery.com

OVERVIEW

The MGS34 is A W Bell Machinery's manual belt grinder. Set on a compact footprint for easy relocation and low installation cost, the MGS34 has been designed with the operator in mind. Pneumatic height adjustment of the grinding belt allows the operator to work at the most comfortable height, resulting in reduced fatigue and higher operator efficiency. The 3kW brake motor provides the operator with more than enough grinding power for a 100mm width belt. Ideal as a stand alone machine, the MGS34 is even more effective when teamed up with one of A W Bell's automatic grinders. Common belt size allows grinding belts no longer effective for manual grinding to be then used on the rapid grinding machines, which are then able to shatter the abrasive grit and extend the belt life considerably. This equates to significant consumable cost savings.

STANDARD FEATURES

- Safety**
 Operator emergency stop button, brake motor for fast run-down and guard monitoring combine to make this manual grinder among the safest in the class.
- Ergonomics**
 Pneumatic height adjustment allows the operator to set the contact wheel height at a position best suited to the job at hand, improving efficiency and operator comfort.
- Interchangeable contact wheels**
 A variety of wheel diameter and widths can be easily fitted to accommodate the needs of different part geometries.
- Compact Design**
 The MGS34 is built on a compact footprint, allowing easy relocation to suit the changing needs of your foundry
- Adjustable Work rest**
 An adjustable and removable work rest gives the operator flexibility to process the smallest parts and very large parts on the single machine.
- Flexibility**
 Makes an excellent companion machine to our Model RGS 430. Common abrasive belt size allows for new belts to be used first on the MGS 34 and then used on a power grinder such as our Model RGS 430. This allows for a reduction in the number of abrasive belt sizes that must be stocked.



Safety monitored guarding



Interchangeable contact wheels



Adjustable work rest

SPECIFICATIONS

		MGS34	
		US	Metric
A	Drive Motor	4 HP	3 kW
B	Up/Down Movement	9 in	230 mm
C	Belt width (Maximum)	4 in	100 mm
D	Belt Length	132 in	3350 mm
E	Contact wheel diameter (standard)	14 in	356 mm
F	Air requirement	80 psi	5.3 kg/cm ³
G	Electrical Requirement	480V,3ph	380- 415V,3ph
H	Machine Weight (Approx.)	880 lbs	400 kg