

Heavy Duty Granulator MODEL HD-4A



The Foremost MODEL HD-4A Heavy Duty scrap grinder has been designed specifically for beside-the-press operation. These machines are constructed of heavy gauge steel throughout, with the cutting chamber a rigid one piece weldment.

The rotor is a solid steel casting, and is offset in the cutting chamber to minimize flyback and noise, while insuring positive cutting of large or bulky rejects from any thermoplastic materials. Heavy duty, flange mounted, self aligning ball bearings easily absorb all grinding shock insuring long maintenance free operation. The cutting chamber itself is free of any steps or irregularities, providing the utmost in ease of cleaning.

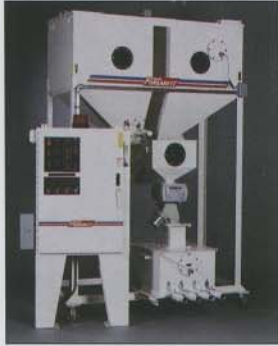
The scrap bin slides on guides, and is locked in place eliminating leaking or accidental spilling of the ground scrap material. All hoppers are reversible so that scrap can be fed to either the front or the back of the grinder, an important feature in locations with space limitations.

A wide range of throat sizes and power options insure a Heavy Duty Grinder sized properly for every molding application.

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Specifications:

- Throat Size: 10" x 28"
- Controls: All housed in a NEMA 12 enclosure with fused disconnect
- Rotor: Two-bladed
- 3" bearings
- Power: 2-10 HP TEFC
2-15 HP TEFC
- Arrangement: Hand feed with manually dumped regrind bin



Two Component Volumetric Blender for virgin and regrind.

Options:

- Direct drive blower with cyclone
- Gaylord stand
- Vacuum take away stub
- Conveyor hopper
- Sound-deadened construction (Model MS-28)
- Fabricated sound enclosure
- Various screen sizes
- Metal separation systems
- Hopper tray magnets
- Vertical roller feeder assembly
- Third knife block for sheet applications

Standard Features:

- Offset rotor
- Self-aligning flanged bearings
- Hand feed hopper with access door
- Powered by TEFC single end motor

Applications:

- Formed sheet
- Injection molded parts
- Blow molded parts
- Thermoformed parts

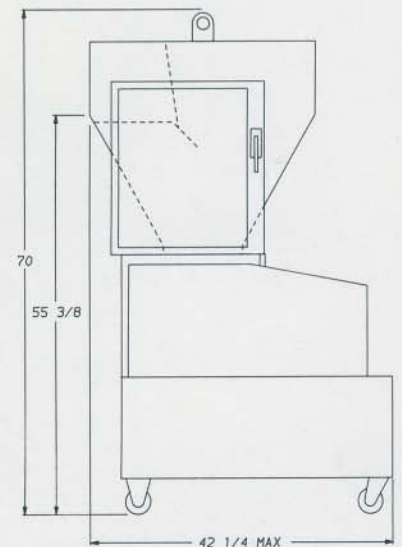
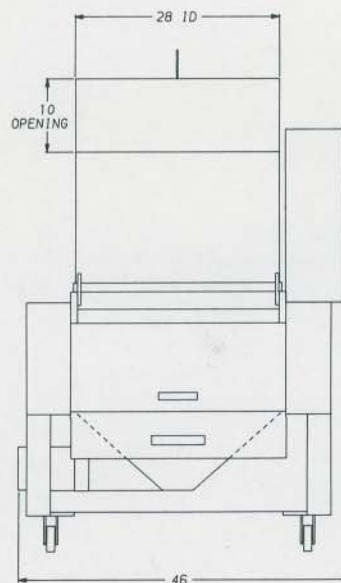
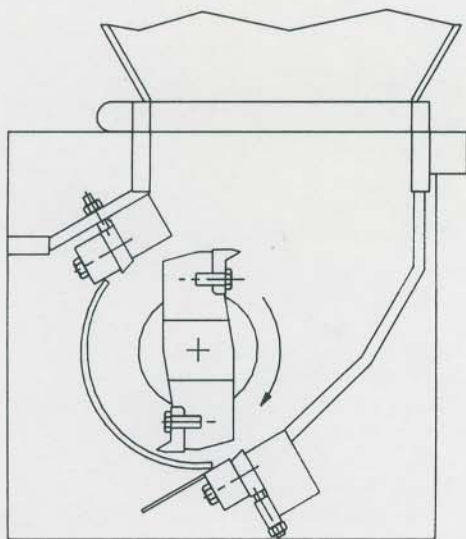


The drawing shows the cutting chamber of the Heavy Duty grinder series. Note the extremely rigid mounting of the right angle, self reinforcing type rotary knives. The knives are backed up by a solid steel rotor, so that even the heaviest cutting action exerts no strain on the bolts. This arrangement insures long trouble free operation in the most difficult cutting applications with no possibility of the knives lifting from the rotor or losing their clearance setting.

The two bed knives are individually adjustable, and are mounted against heavy steel knife blocks. Knife adjustment is easily accomplished by removing the screen and setting the proper clearance on each bed knife with a feeler gauge.

The design of the cutting chamber, with the rotor offset, insures positive feeding of large or bulky parts, and eliminates the tendency of these parts to bounce during cutting. Flyback is minimized and noise level is reduced since the parts are not thrown against the hopper due to the cutting action.

The screen is mounted in an almost vertical position which greatly facilitates removal for cleaning.



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* All dimensions are in inches
* Information on this page subject to change without notice
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