

FOREMOST
introduces
FUTURA

It's not the same
old grind



FOREMOST
MACHINE BUILDERS, INC.

It's only natural that Foremost Machine Builders, with over 30 years of design experience, would leap ahead with the first 21st Century grinder for processors today. From its sleek appearance to its decades-advanced features, everything about FUTURA makes it the grinder that's far ahead of its time. FUTURA is destined to become the standard by which all other grinders will be judged.

Fast and Easy Servicing

Foremost has designed FUTURA for maximum production and quick maintenance. All major components have instant accessibility. The counter-balanced tilt-down hopper, swing open chamber access and pop-in, pop-out screen make knife adjustment or changes a snap. And cleaning is a breeze with its wide-open inner access and smooth exterior.

Quiet

Foremost specially engineered a quieter rotor. Much quieter. Then surrounded it with efficient sound absorbers. And capped it off with a resonance-tuned muffler in the hopper where it's needed most. The result? Sound levels, while grinding, typically well below 85 dBA. So low that OSHA noise restrictions are a worry of the past.

Value Engineered

Designed with the processor in mind; having at least twice as many user benefit features than any other machine on the market. Dual stage feeding plus the innovative right angle chamber axis minimize flyback and allow smoothest, quickest grinding. Plus the slim line design saves valuable aisle space that other grinders take up, slipping easily beside the press. Its controls, layout and design were "bio-engineered" for minimum operator fatigue, maximum comfort and highest work shift efficiency.

Versatile

The FUTURA can do the job for you! Whether you have to grind up large bulky parts like gallon bottles or the smallest scrap sprues and runners. Whether you're using soft PVC or a tough polycarbonate, a FUTURA machine can meet your needs, with a wide range of throat sizes and horsepower.

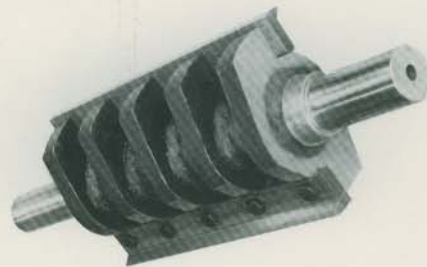
High Reliability

Pillow block bearings are isolated outside the cutting chamber, eliminating interference from regrind. The hooked rotor knife construction distributes grinding impacts throughout the machine structure. The cutting chamber itself is shock-mounted to damp out vibration. All control buttons are oil-tight. These and other Foremost life design features result in a grinder that keeps running substantially longer.

Efficient

Tough jobs can be handled with less power. The massive flywheel drive, standard on all FUTURAs, assures smooth, stable running. The combination of Foremost-developed skewed, slicing action knives, and proven offset rotor arrangement, make possible designed-in energy savings of 15-20%. In addition, there's less heat, more uniform regrind, and fewer fines, with no loss of productivity.

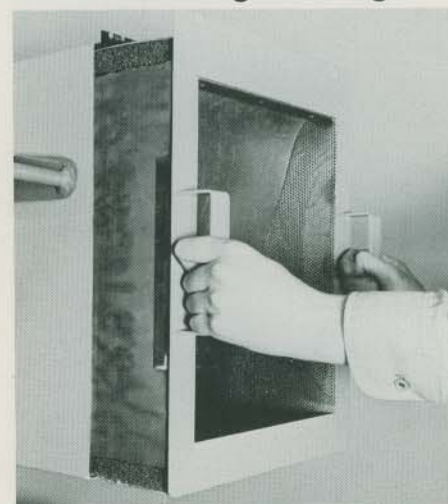
FUTURA®



Quiet-designed segmented rotor with skewed hook knives.



Cradle mount screen for instant cleaning or change.

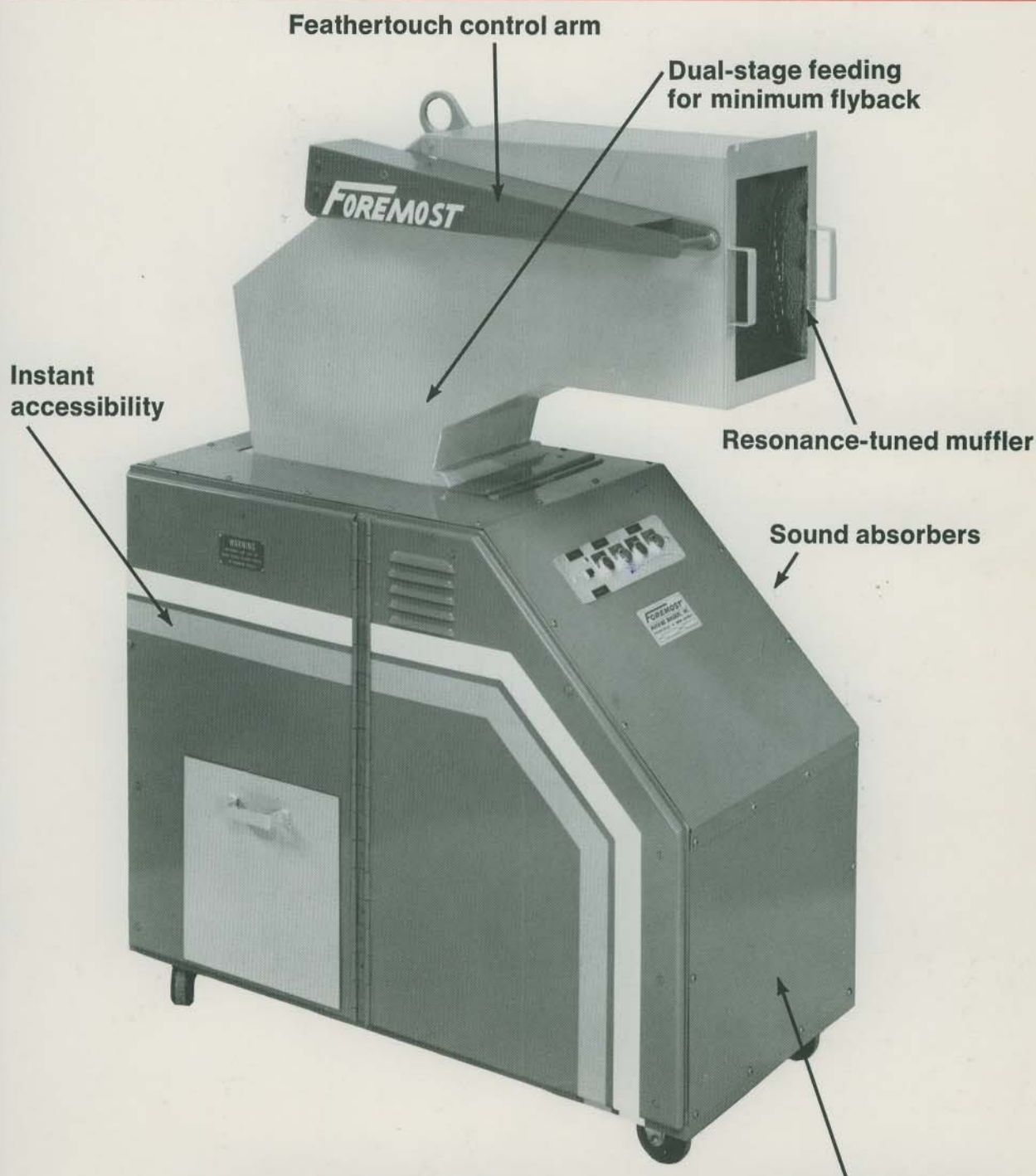


Resonance-tuned muffler.

...tomorrow's grinder today!



...tomorrow's grinder today!



Compact, slimmest grinder made; slips in easily beside the press.

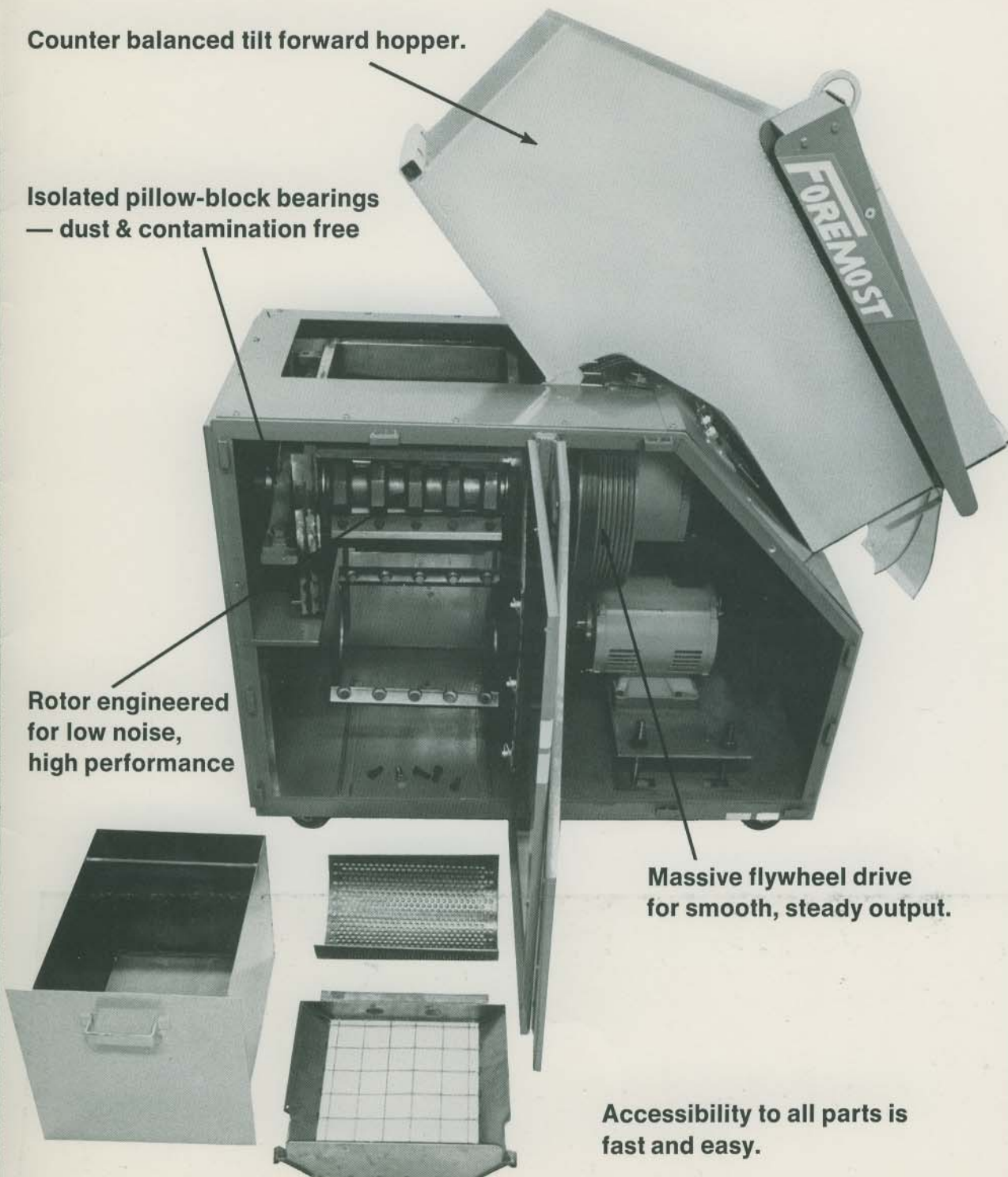
Counter balanced tilt forward hopper.

**Isolated pillow-block bearings
— dust & contamination free**

**Rotor engineered
for low noise,
high performance**

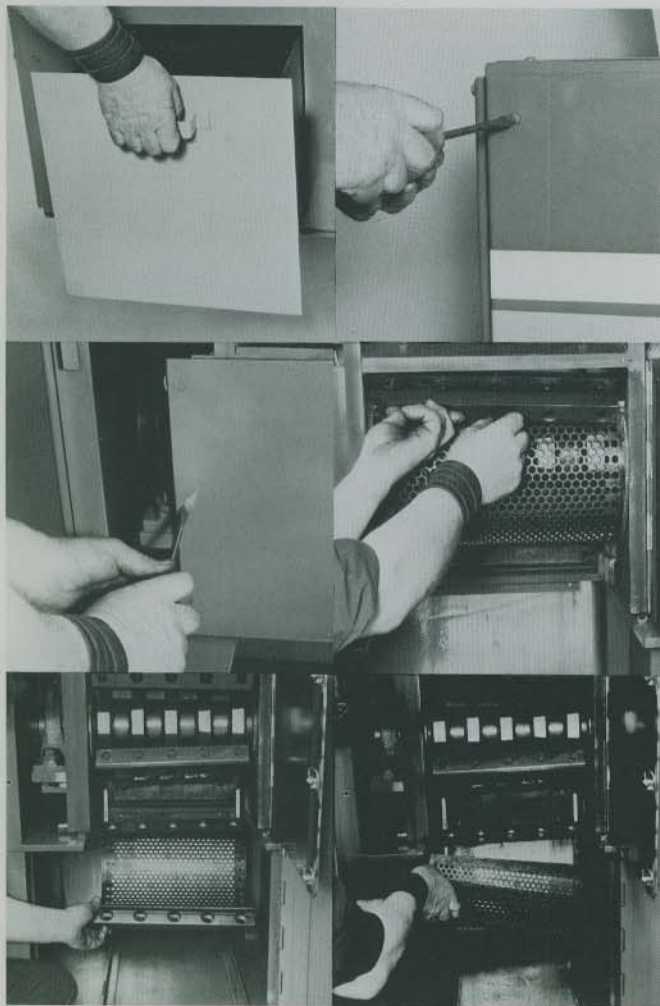
**Massive flywheel drive
for smooth, steady output.**

**Accessibility to all parts is
fast and easy.**



FOREMOST—The Innovative Company

The 2-minute stripdown



**Slide out bin; unscrew two panels;
unbolt screen cradle; lower the cradle;
remove screen, adjust knives or clean.**

In developing the FUTURA, Foremost drew on its years of experience in plastics grinding technology to come up with a machine that is literally loaded with innovations. Not an existing model with modifications, but entirely new — from the bottom up — incorporating features designed and introduced in response to the needs of plastics processors. Over a dozen in all. Including the counter-balanced tilt-forward hopper and pop-in, pop-out cradled screen for effortless-maintenance; the right angle cutting axis for flyback control and space savings; the isolated chamber, quiet rotor and special acoustical materials for lowest operating sound levels; plus numerous user comfort and efficiency break-throughs.

That Foremost's latest contribution to grinding technology goes well beyond the state of the art should come as no surprise to the plastics industry. We are simply living up to our distinguished record as an innovative company. The low flyback offset rotor-chamber arrangement, and stress reducing hook style knives were Foremost firsts. As was the integrally noise abating construction of our Microsonic Series, and space saving contoured enclosures for existing machines. Plus unique equipment like the patented dual-stage lump and purging grinder, specialized film scrap grinders, and the first automatic scrap recovery systems. And Foremost was the first to add slant knife cutting action, with its low noise, high quality output, and inherent energy savings, to American technology.

FUTURA, our newest and probably our most exciting development, marks the culmination of 30 years of grinder research by Foremost's engineering specialists. Truly tomorrow's grinder today.

—so quiet a light has to tell you it's running

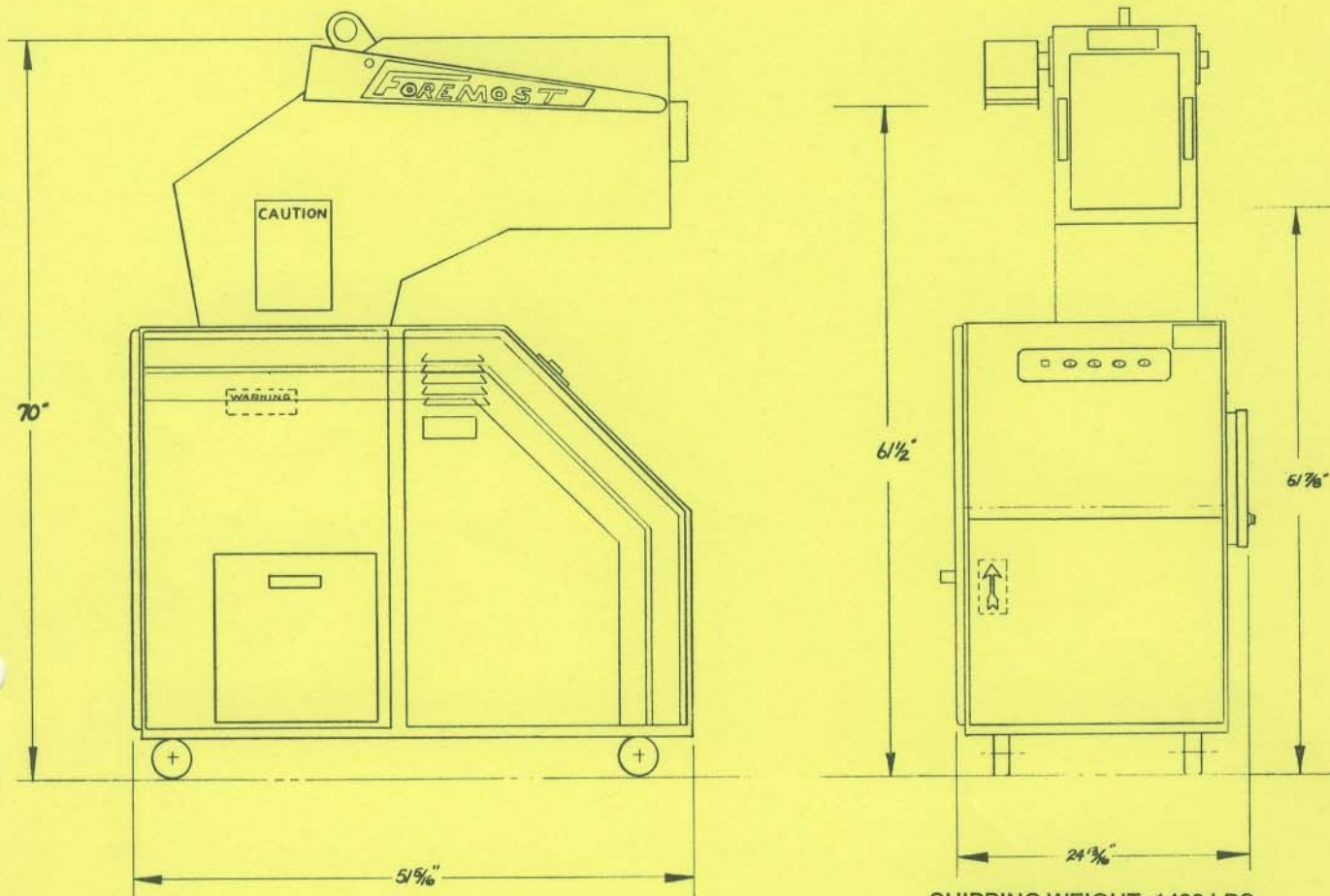
Identified as our model QG (Quiet Grinder) series, our new FUTURAs are part of a wide range of standard and special plastics processing equipment manufactured by Foremost — equipment which includes grinders, loading systems, blenders, dryers, metal separators, and metering feeders.

FOREMOST MACHINE BUILDERS, INC.

P.O. Box 644, 23 Spielman Road, Fairfield, New Jersey 07006 • (201) 227-0700

THROAT SIZE: 14" x 10" MOTOR SIZE 7.5 or 15 HORSEPOWER

MODEL QG 1410



SHIPPING WEIGHT: 1400 LBS.

The Foremost QG-1410, with 40% more throat area than the Model 1010, retains that model's slim profile, with the same two foot width. Along with the usual sprues and runners, this size can accommodate large reject parts, such as gallon bottles. NOTE: This machine is not designed to granulate large purgings. For this application, request information on our patented Dual-Stage Grinders.

Typical Output: 250-450 lbs. per hour
Sound Levels: 66 dBA (idling), 74 dBA (grinding)
Power Requirements: Under 10 amps @ 460 volts (7.5 HP)
Under 20 amps @ 460 volts (15 HP)

NOTE: Specifications for reference only. Output and sound levels vary according to the nature and form of the product. Actual throughput can be determined from a trial run of your material at Foremost's test facility.

STANDARD FEATURES:

7.5 or 15 HP dripproof motor, 1800 RPM . . . Internal access electrical interlocks . . . Quick conversion from 230 to 460 volt operation . . . Motor to starter wiring . . . Externally mounted starter reset . . . Operator station with 120 volt oil-tight controls, wired complete and including grinder running light . . . Two hook-type skewed rotary knives, and two counter-skewed adjustable bed knives.

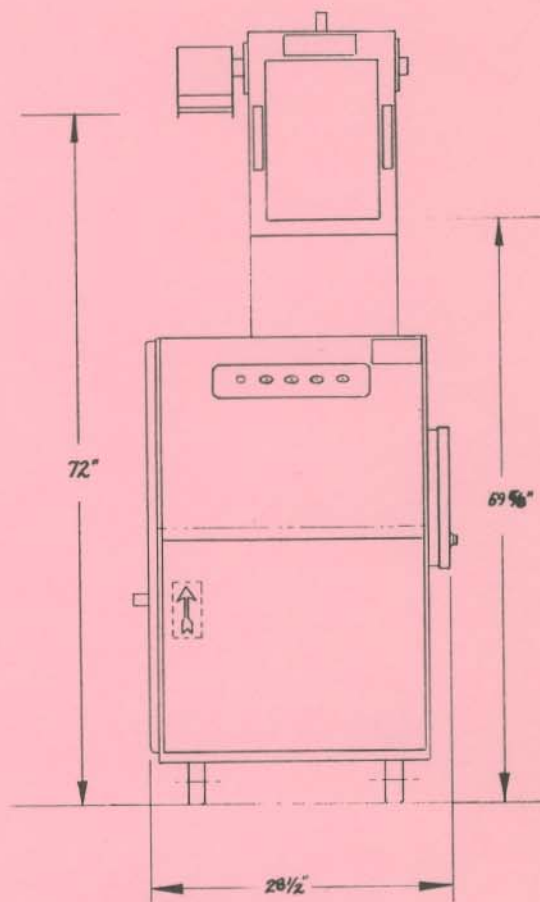
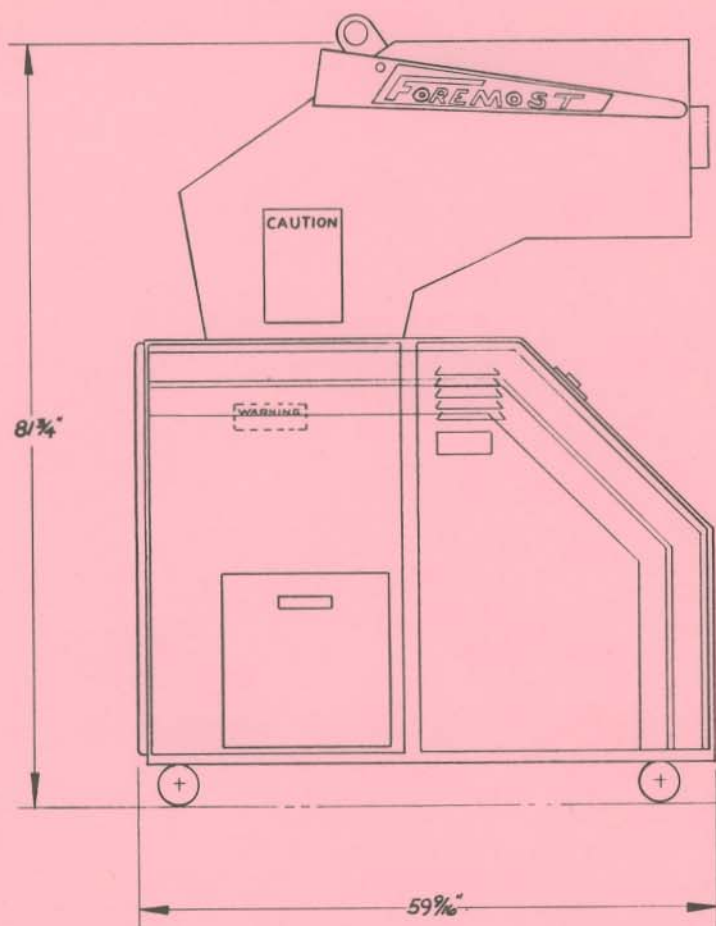
OPTIONS:

Three-bladed, flat knife rotor . . . ammeter . . . line cord . . . TEFC motors . . . special alloy knives . . . direct drive impeller discharge . . . conveyor feed hoppers . . . blender-loader interfacing . . . automatic scrap recycling systems.

FOREMOST MACHINE BUILDERS, INC. 23 SPIELMAN ROAD P.O. BOX 644, FAIRFIELD, N.J. 07006

THROAT SIZE: 18" x 14" MOTOR SIZE 15, 25, or 30 HORSEPOWER

MODEL QG 1814



SHIPPING WEIGHT: 2200 LBS.

The Foremost QG-1814, only a few inches wider than the smaller models in the QG Series, has a throat area at least 80% greater than competitive models of similar width. This is large enough to accommodate 5-gallon pails, and a full-range of horsepower options assure sufficient power reserves to handle any material, no matter how tough. NOTE: This machine is not designed to granulate large purgings. For this application, request information on our patented Dual-Stage Grinders.

Typical Output: 500-1000 lbs. per hour
Sound Levels: 69 dBA (idling), 77 dBA (grinding)
Power Requirements: Under 20 amps @ 460 volts (15 HP)
Under 33 amps @ 460 volts (25 HP)
Under 40 amps @ 460 volts (30 HP)

NOTE: Specifications for reference only. Output and sound levels vary according to the nature and form of the product. Actual throughput can be determined from a trial run of your material at Foremost's test facility.

STANDARD FEATURES:

15, 25 or 30 HP dripproof motor, 1800 RPM . . . Internal access electrical interlocks . . . Quick conversion from 230 to 460 volt operation . . . Motor to starter wiring . . . Externally mounted starter reset . . . Operator station with 120 volt, oil-tight controls, wired complete and including grinder running light . . . Two hook-type, skewed rotary knives, and two counter-skewed adjustable bed knives.

OPTIONS:

Three-bladed, flat knife rotor . . . ammeter . . . line cord . . . TEFC motors . . . special alloy knives . . . direct drive impeller discharge . . . conveyor feed hoppers . . . blender-loader interfacing . . . automatic scrap recycling systems.