



## THERMOFORM GRANULATOR

### THERMOFORM GRANULATORS

Designed for continuous reclamation of skeletal web directly from the thermoform trim process, the TG Series granulators are available with 36" or 56" infeed widths. Throughput matches thermoformer output - for example, peak surge capacity is over 1500 lbs./hr. using a 3/8" screen.

Both feed rolls are polyurethane covered for maximum wear resistance. One roll is driven while the other is spring loaded, permitting slippage as necessary. A single motor drives both the rotor (directly) and the infeed roll (through a gear box). The rotor is mounted in pre-greased ball bearings, isolated to prevent contamination.

For low-power, low-RPM operation, six knives are mounted in an offset pattern on the alloy steel rotor in conjunction with two adjustable, stationary knives with double cutting edges. This means more lineal inches of cut, more capacity, and less likelihood of plugging. This extra capacity (not needed for normal operation) provides a surge capacity for handling incorrectly thermoformed material (as a start-up) that hasn't been trimmed.



#### Features

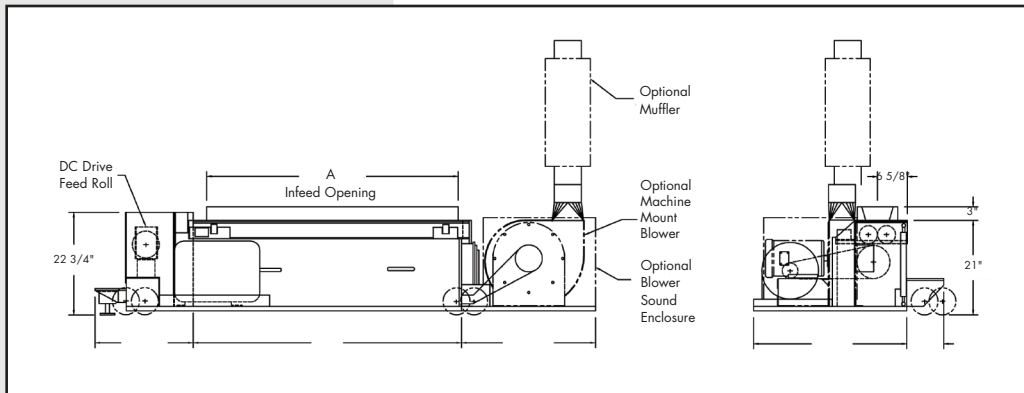
- Removal of front panel gives total access to cutting chamber for faster clearing and adjustment
- Adjustable bed knives have two cutting edges, and are reversible for extended life
- Double-sealed outboard motor bearings preclude contamination. All other bearings in the machine are double-sealed for long life reliability
- Split rotor knives are offset for optimum cutting efficiency and power consumption
- Internal surfaces of the solid steel cutting chamber are machined to an exceptionally smooth finish
- Screens, mounted in swing-down cradles, are easily removed from the front of the machine

# TG SERIES



	Standard	Options
<b>Infeed</b>	Spring loaded driven feed roll - poly smooth	Both feed rolls driven; variable speed, paddle rolls; horizontal infeed hopper
<b>Cutting Chamber</b>	Solid steel sections up to 4" thick, internally ground to a high finish; 2 reversible bed knives, HCHC, opposing high chrome, high carbon steel, adjustable; 7.9" diameter cutting circle	Stainless steel or non-corrosive material contact surfaces; tungsten carbide surface coated knives
<b>Rotor</b>	Full body, high alloy steel, 3 knife slant cut; 6 high chrome, high carbon steel knives; steep angle, keen edge, in offset pattern	Tungsten carbide surface coated knives
<b>Motor</b>	7.5 hp, 1800 rpm	10 hp, 15 hp, 20 hp
<b>Screen</b>	5/16", reversible, 361G 1-piece, 381G 2-piece	1/4", 3/8", and larger to suit application, heat treated

Model	A	B
36TG	36"	39.75"
56TG	56"	59.75"



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