

**Material recovery systems
for wire and cable,
extrusion blow molding and
compounding operations.**

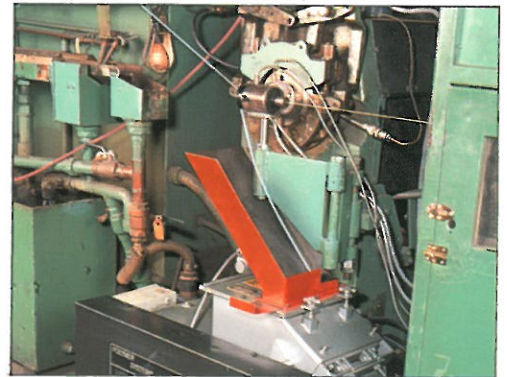
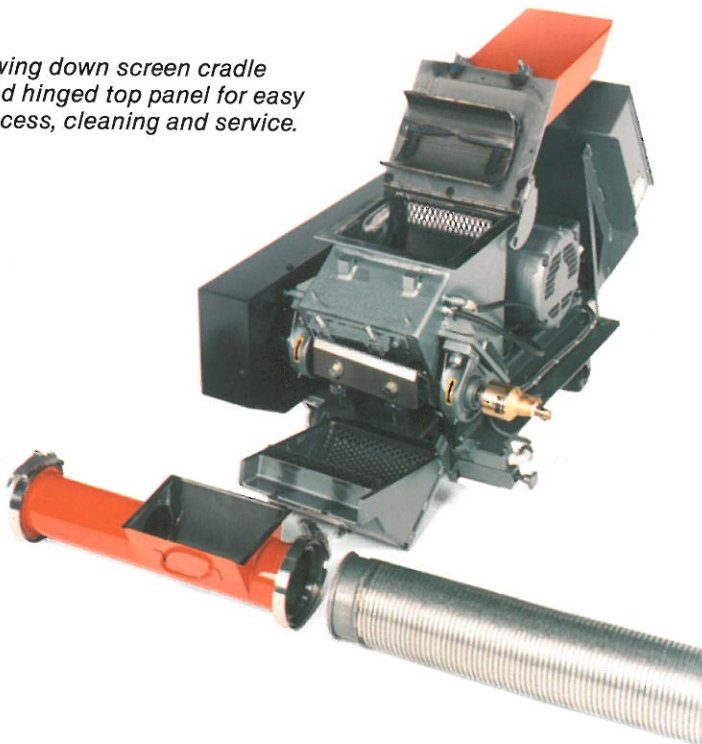
HMG[®] HOT MELT GRANULATORS



Performance Features

- Unique chamber design allows air cooling of hot granulate for fast throughput without clogging.
- Quiet operation – 85 dbA or less in most applications.
- Recovers most hot materials at up to 600°F without pre-cooling.
- Safe 120-volt control circuit; hopper and screen cradle electrically interlocked.
- Available as complete systems with blower evacuation and cyclone separating equipment for automated materials handling and closed loop processing.

**Swing down screen cradle
and hinged top panel for easy
access, cleaning and service.**

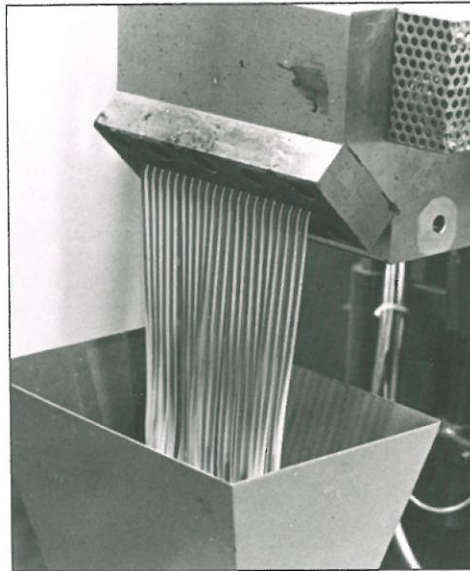


Manufacturers of FEP, PVC- and PE-insulated and jacketed wire and cable have successfully blended up to 50% recovered material with virgin pellets with no loss of physical or dielectric properties by immediately granulating hot material at the processing station.

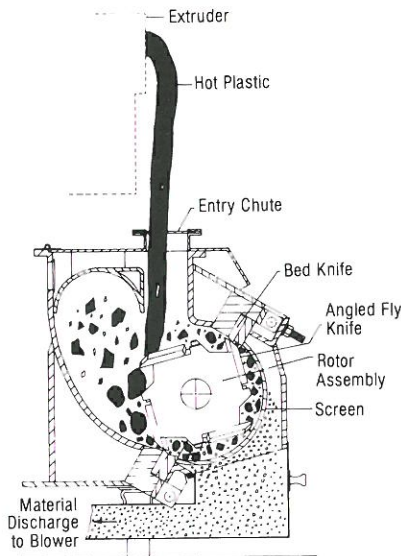
POLYMER SYSTEMS
SIZE REDUCTION EQUIPMENT

NO STICKING OR CLOGGING.

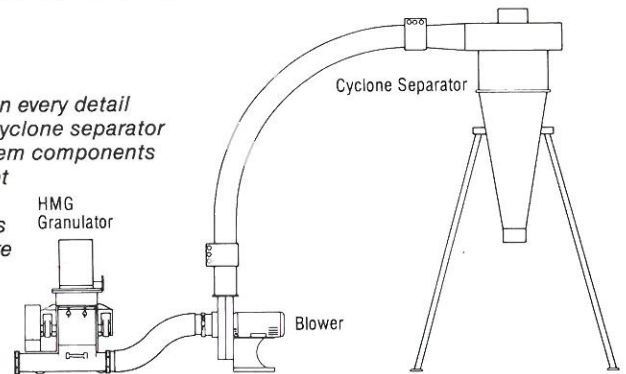
HMG® machines feature a modified Shurfeed™ cutting chamber specially designed for recovery of hot plastics up to 600°F without pre-cooling. Hot extrudate falls directly in front on the rotating knives and is passed through the cutting action immediately. The evacuation blower provides high volume air flow through the open rotor and expanded chamber area to cool material quickly. Close, uniform rotor-to-screen clearance and the scissors-cut blade configuration produce fast, positive throughput without material build-up in the chamber.



For certain compounding applications, HMG® machines can provide a low-cost, space-saving alternative to water bath and strand pelletizing systems. Resulting granulate can be processed immediately, and the water-free system is particularly applicable to compounding of hygroscopic materials.



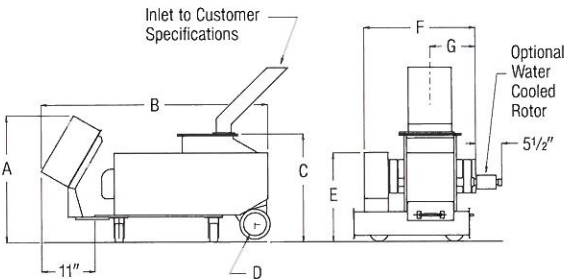
HMG® systems are **complete** in every detail including granulator, blower, cyclone separator and related ductwork. All system components are sized and matched to meet specific application requirements. Soundproof enclosures for granulators and blowers are also available to reduce operating noise levels.



DIMENSIONS

MODEL	A	B	C	D*	E	F	G
HMG 88	inches 14 (mm) (355)	inches 26 (mm) (660)	inches 17 (mm) (432)	inches 3 (mm) (75)	inches 14.5 (mm) (368)	inches 24 (mm) (610)	inches 11 (mm) (279)
HMG 1010	inches 27 (mm) (686)	inches 48 (mm) (1220)	inches 23 (mm) (584)	inches 5 (mm) (125)	inches 19 (mm) (483)	inches 23.5 (mm) (597)	inches 9.5 (mm) (241)
HMG 1627	inches 30 (mm) (762)	inches 61 (mm) (1549)	inches 37.5 (mm) (952)	inches 8 (mm) (200)	inches 28 (mm) (711)	inches 51 (mm) (1295)	inches 21.5 (mm) (546)

*Outside diameter



SPECIFICATIONS

MODEL		HMG 88	HMG 1010	HMG 1627
Throughput*	lbs/hr (kg/hr)	100 (45)	400 (180)	1200 (540)
Throat size of chamber	inches (mm)	8 x 8 (203 x 203)	10 x 10 (254 x 254)	16 x 27 (406 x 686)
Feed opening	inches (mm)	4 x 2 (102 x 51)	9 x 3 (229 x 76)	24 x 3 (610 x 76)
Cutting circle	inches (mm)	7.6 (193)	9.5 (241)	14.75 (375)
Rotor knives		2	4	5
Bed knives		2	2	2
Motor	HP (kw)	5 (3.7)	7.5-10-15 (5.6-7.5-11)	50 (37)
Blower	HP (kw)	1.5 (1.1)	3-5-7.5 (2.2-3.7-5.6)	7.5 (5.6)
Shipping weight	lbs (kg)	900 (410)	1200 (545)	5600 (2545)

*The above are CONSERVATIVE throughput rates based on HDPE. Type of process and material can greatly affect throughput rates. HMG® machines are designed and manufactured in the U.S.A. Specifications subject to change without notice.

We encourage and support recycling efforts.



HOSOKAWA POLYMER SYSTEMS

Hosokawa Polymer Systems is a member of the Hosokawa Micron Group, responding to global needs through an emphasis on materials science and engineering. The Group is an international provider of equipment and systems for powder and particle processing, product recovery, plastic processing and confectionery products. The Group maintains facilities for research, engineering, manufacturing, and service in each of the world's major industrial markets.

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