

# Plastics Granulator

Precision Low Speed Granulation



## Features

- Able to process a variety of plastic scrap and parts
- Low Maintenance, sealed-for-life bearings
- Versatile Multi-feed hopper suitable for manual, conveyor or robot loading
- Low heat granulation through use of rotating end discs
- Counter-slanted stationary knives provide true “scissor” cutting action
- TEFC motor and NEMA Type 12 enclosure

## Description

Providing efficient and versatile granulation for a variety of applications, the Dynisco Granulator can be used with robot feed, conveyor feed or hand feed operations. The granulator provides maximum cutting efficiency with its low speed, three knife open rotor design. With cutting knives manufactured from D2 high carbon , high chromium tool steel and heat treated with a proprietary process, the Granulator handles virtually all types of molded plastic scrap as well as many other materials.



[www.dynisco.com](http://www.dynisco.com)

**Dynisco**  
38 Forge Parkway  
Franklin, MA  
USA

Hotline +1-800-DYNISCO  
Phone +1-508-541-9400  
Fax +1-508-541-6206  
Email [infoinst@Dynisco.com](mailto:infoinst@Dynisco.com)

**Dynisco Europe GmbH**  
Pfaffenstr. 21  
74078 Heilbronn  
Germany

Phone +49 7131 297-0  
Fax +49 7131 32360  
Email [DyniscoEurope@Dynisco.com](mailto:DyniscoEurope@Dynisco.com)

## Applications

- PET bottles and pre-forms
- Injection-molded runners and reject parts
- Small blow-molded parts and tops-tails
- Small extruded tubes and profiles
- Edge trims from sheet extrusion

## Specifications

### Performance Characteristics

<b>Cutting Circle</b>	16.0 cm (6.5 in.)
<b>Throughput</b>	Up to 68 kg/hour (150 lbs/hour)
<b>Cutting Chamber</b>	16.0 x 20.0 cm (6.5 x 8 in.)
<b>Rotor Knives</b>	(3) D2 HCHC
<b>Stationary Knives</b>	(2) D2 HCHC (2 edge)
<b>Screen Hole Sizes</b>	4.8, 6.4, 8.0 mm (3/16, 1/4, 5/16 in.)
<b>Motor</b>	3.73 kW (5 HP )

### Dimensions

<b>Feed Height</b>	130.0 cm (51 in.)
<b>Overall Length</b>	70.0 cm (27 in.)
<b>Overall Width</b>	52.0 cm (20 in.)
<b>Weight</b>	230 kg (510 lbs )

### Approvals & Certifications

<b>CE Mark</b>	Self certified to applicable standards
<b>Agency approvals</b>	UL, cUL

### Power Supply (Mains)

<b>Input Power</b>	3 phase, 60 HZ, 230/460
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### Order Codes

<b>GRAN2</b>	Granulator
<b>GRAN2-01</b>	Vacuum unloading
<b>GRAN2-02</b>	Sound enclosure
<b>GRAN2-03</b>	Spare blades
<b>GRAN2-04</b>	4.8 mm screen (3/16 in.)
<b>GRAN2-05</b>	6.4 mm screen (1/4 in.)
<b>GRAN2-06</b>	8.0 mm screen (5/16 in.)
<b>GRAN2-07</b>	Spare drive belt
<b>GRAN2-08</b>	Blade bolts