Top Quality Machines and Equipment

GREEN EXTRUSION TECHNOLOGY

GRAN 1

All-Around Granulator

For in-house factory waste

High-Performance Granulator for In-House Recycling

- **Low Energy Consumption**
  Optimized motor efficiency to reduce power costs.
- **Plug-and-Play Installation**
  Quick and easy setup.
- **Operator-Friendly**
  Designed for easy operation with intuitive controls.
- **Fast and Safe Processing**
  Engineered for maximum productivity with robust safety features.
- **Easy Cleaning & Maintenance**
  Quick access for maintenance and job changes.
- **Long-Lasting Durability**
  Built with quality materials for extended service life.
- **Competitive Pricing**
  High-quality performance at an affordable investment.
- **2-Year Guarantee**
  Confidence in reliability and performance.

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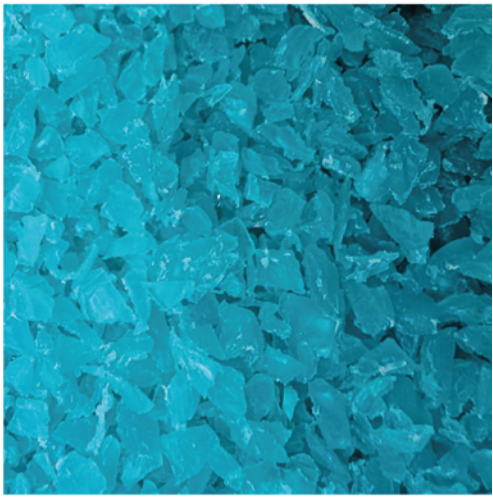
All-Around Granulator

Operator-Friendly

Durable & Efficient



All applications are different, but the goal is the same: to ensure that your granulator adds value to your production. The Gran 1 granulator can be used as a stand-alone machine or in-line with a repelletizing machine, extruder or shredder.

Ideal for processing both flexible as well as hard plastics

Versatile Material Processing:

- Plastic film and sheets
- Injection moulding parts
- Blow-moulded materials
- Fibres and non-woven fabrics
- Bioplastics and eco-friendly materials

Key Features & Benefits:

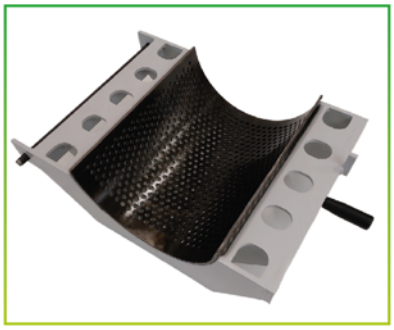
- High quality regrinds
- Long-lasting rotor and parts
- Safe operation
- Long lasting screen - Reversable
- Easy opening/closing of infeed section

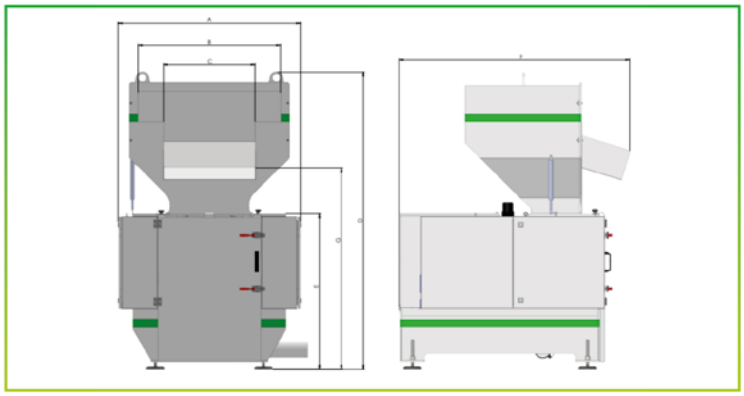
Robust Construction & Technology

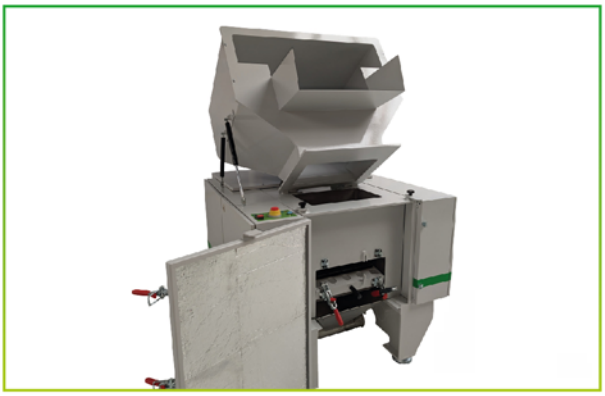
- **Heavy-Duty Frame**
  Strong and vibration resistant structure for stability and reliability.
- **Quality Rotor Bearings**
  Designed for long lasting performance in high load conditions.
- **Flexible Feeding Options**
  Supports direct loading, conveyor feeding, and reel-feeder integration.

Easy Maintenance & Quick Access

- **Multiple Discharge Options**
  Customizable for seamless material flow into the next processing stage.
- **Optimized Power Consumption**
  Lower energy usage without compromising on performance.
- **Recyclability Focus**
  Reduces plastic waste, helping businesses meet sustainability goals.







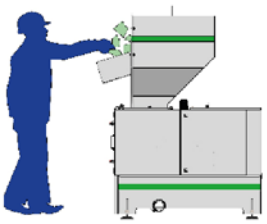
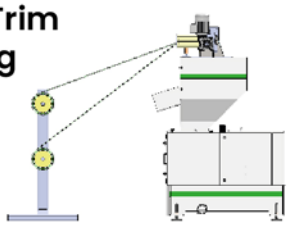
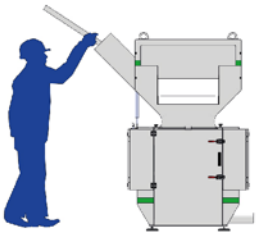
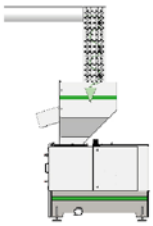
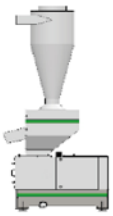
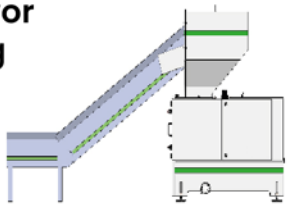
Main Specifications

Model	Mini-GRAN	GRAN 1-600	GRAN 1-800
Inlet Opening	430 x 375	600 x 500	900 x 675
Rotor Length	300 mm	420 mm	560 mm
Rotor Diameter	250 mm	300 mm	400 mm
Stator Knives	2	2	3
Rotor Knives	15 pcs	21 pcs	28 pcs
Drive Power	11 kW	15 kW	25 kW
Rotor Speed	520 RPM	520 RPM	520 RPM
Screen Holes Ø (several sizes available)	10 mm	10 mm	12
Throughput (material depending)	Up to 180kg/h	Up to 300 kg/h	Up to 500 kg/h

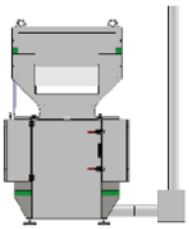
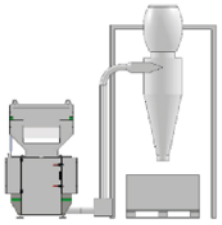
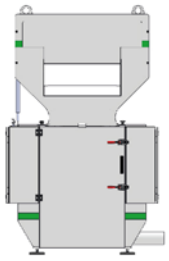
Dimensions

Model	Mini-GRAN	GRAN 1-600	GRAN 1-800
A – Total Width	950 mm	1195 mm	1590 mm
B – Inlet Width	775 mm	933mm	1300 mm
C – Inlet Width for Conveyor Feeding	500 mm	600 mm	800 mm
D – Total Height	1947 mm	1947 mm	2200 mm
E – Cutting Chamber Heigh	1019 mm	1019 mm	1250 mm
F - Total Length	1300 mm	1512 mm	1850 mm
G – Manual Feeding Height	1400 mm	1400 mm	1600 mm

Multiple Material Feeding Configurations

Manual Feeding 	Roll & Trim Feeding 	Side Feeding 
Air-Assisted Feeding 	Cyclone Feeding 	Conveyor Feeding 

Multiple Material Discharge Configurations

Vacuum Discharge 	Cyclone Discharge 	Customer made solutions 

Remarks: we reserve the right to change specifications without prior notice.

Designed & Manufactured in Denmark

GREEN EXTRUSION TECHNOLOGY

A MEMBER OF GREEN TECHNOLOGY GROUP

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