MANUFACTURER OF SIZE REDUCTION EQUIPMENT
for the Plastics and Recycling Industry

You Produce it … We’ll Reduce it!

… Since 1982
Since 1982, **ROTOGRAN INTERNATIONAL INC.** has manufactured granulators and closed loop granulating systems for the plastics and recycling industries. In use around the world, **ROTOGRAN** granulating systems are the workhorse of the breed ... OUT-PERFORMING and OUT-LASTING all others in the marketplace today.

Our NEW 20 000 sq. ft. facility manufactures innovative equipment that is durable, dependable and cost efficient.

**ROTOGRAN INTERNATIONAL INC.** - in the forefront of granulator production in North America.

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**GRANULATORS**

Over-engineered for maximum performance and many years of trouble-free operation

**DESIGN & CONSTRUCTION**

- Tangential feed design assures positive feeding of the material *(PIC. A)*, maximizes throughput, reduces fines and helps prevent jamming. **Non tangential feed, stainless steel, abrasion resistant and water-cooled cutting chambers are also available**

- Quick and easy access to the cutting chamber - for cleaning or blade changes *(PIC. B)*. This design, developed by **ROTOGRAN**, has now become an industry-wide standard

- Swing-down, heavy duty removable screen cradle provides improved access to the cutting chamber. Hydraulic operation *(PIC. C)* is standard on larger models

- All cutting chambers are fabricated from certified ground steel plate as a heavy duty one piece weldment that is a rigid, smooth and easy to clean

- Improved “electrical - mechanical” lock-out feature *(PIC. D)* ensures safety on the plant floor

- Chamber is solidly welded on a sound insulated frame and supported on machinery pads. Standard chamber sizes range from 8” x 8” to 44” x 72”

- Solid-steel flywheels minimize motor and rotor abuse, reduce horsepower requirements and electrical power costs *(PIC. E)*

- Open rotor design provides a cooler operation and increased throughput

- Offset rotor for minimum fly-back and positive cutting action

- Scissor cutting action assures positive granulating with minimum of fines resulting in lower power consumption

- Heavy-duty, 4140 steel rotors are available in 3, 5, 7 and 9 blade configurations. Water-cooled and alternate rotor designs are available on request

- **ROTOGRAN** blades are made from fully-hardened and precision ground D2 certified tool steel

- Micro adjustable bed blades are easily accessible from the front of the granulator

- Acoustically insulated sound absorbing panels are a standard feature on all **ROTOGRAN** granulators. Additional sound enclosures are available as requested
FLY BACK CURTAINS

EASY TILTING HOPPER WITH PIVOT LOCK

PREMIUM EFFICIENCY T.E.F.C. MOTOR AND ELECTRICAL CONTROL PANEL

SECONDARY SAFETY CRADLE LOCK

BEARING MOUNTED AWAY FROM CHAMBER WALL (prevents contamination)

OPTIONAL IMPROVED SOUND BUFFERING

EASY ACCESSIBILITY FOR FAST AND CONVENIENT CLEANOUT/BLADES REPLACEMENT

VENTURI STYLE EVACUATION DRAWER

IMPROVED LOCK-OUT

TANGENTIAL FEED WITH INSERTS

HYDRAULIC OPERATION ON LARGER UNITS

SOLID A-36 STEEL FLYWHEEL

Pic. A

Pic. D

Pic. C

Pic. B

Pic. E
- **ROTOGRAN** belt conveyors are custom manufactured to suit your processing requirements and your specific granulator.

- Solidly constructed from heavy-gauge steel, all belt conveyors feature **ROTOGRAN’S TRU-GUIDE** belt tracking system which eliminates belt wandering and costly maintenance.

- Metal detector conveyors are also available (PIC. F)

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**BLOWER/CYCLONE SYSTEMS**

- **ROTOGRAN** blower/cyclone systems are designed for continuous and efficient evacuation of granules from the granulator bin. Available in motor sizes from 2 to 40hp, they are supplied mounted on a base to form an independent unit, or integrated with the granulator.

- Standard features include:
  - Premium efficiency T.E.F.C. motors and electrically interconnected starters
  - Impellers are precision-machined and dynamically balanced
  - Most blower housings are fabricated from solid steel plate
  - Stainless steel and abrasion resistant impellers and housings are available
  - Standard voltages are 575 or 460/3/60
Fast, Accurate Quotes
We’re known for providing quotes and drawings for standard and custom designed systems, with speed and efficiency. We ensure all costs are detailed and that our price is the most competitive.

Industry Experience
As specialists in granulator design and manufacturing for over 35 years, we’ve seen and been a part of all the major developments. This experience enables us to understand the needs of our clients and produce cutting edge equipment that exceeds the requirements of the most demanding applications.

Quality by Design
What others may consider top-of-the-line, we consider standard. Compare any other granulator with a ROTOGRAN and the difference is obvious. We take great pride in designing and manufacturing to a higher standard to suit your needs. Quite simply, we provide equipment that works the way it’s meant to work.

Innovation
ROTOGRAN developed innovative features that are now the standard in granulator design throughout the industry. Our expertise in identifying and refining elements for increased throughput and efficiency has continually provided our clients with equipment that not only meets but surpasses expectations.

Training
ROTOGRAN provides total turn key solutions for your facility by offering custom equipment plus installation and training to meet your scheduling expectations. Training includes equipment overviews, operational and maintenance issues and are conducted for groups or individuals based on your facility’s shift plan.

In-stock Parts
ROTOGRAN stocks all consumable parts from screens and blades to drive belts and bearings. All these are available from our North American plant in Bolton, Ontario.
"PH" PHOENIX SERIES PRESS SIDE GRANULATORS
Single flywheel, 3 blade rotor, standard duty granulators

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (inches)</th>
<th>Throat Size (inches)</th>
<th>Knives</th>
<th>Motor (hp)</th>
<th>Throughput (lbs/hr)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>PH-88</td>
<td>30 44 44 19 9</td>
<td>8 x 8</td>
<td>2 3</td>
<td>5</td>
<td>150-200</td>
<td>500</td>
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<td>PH-1012</td>
<td>34 55 58 25 14</td>
<td>10 x 12</td>
<td>2 3</td>
<td>7.5/10</td>
<td>400-500</td>
<td>900</td>
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<tr>
<td>PH-1214</td>
<td>43 59 63 28 16</td>
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<td>2 3</td>
<td>15/20</td>
<td>500-650</td>
<td>1500</td>
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"WO" WORLD SERIES PRESS SIDE GRANULATORS
Single flywheel, 3 blade rotor, medium duty granulators

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (inches)</th>
<th>Throat Size (inches)</th>
<th>Knives</th>
<th>Motor (hp)</th>
<th>Throughput (lbs/hr)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>WO-1418</td>
<td>62 61 76 38 20</td>
<td>14 x 18</td>
<td>2 3</td>
<td>25/30</td>
<td>600-900</td>
<td>2500</td>
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<tr>
<td>WO-1424</td>
<td>62 61 76 44 26</td>
<td>14 x 24</td>
<td>2 6</td>
<td>30/40</td>
<td>700-1100</td>
<td>3200</td>
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<td>WO-1430</td>
<td>61 61 76 46 32</td>
<td>14 x 30</td>
<td>4 6</td>
<td>30/40</td>
<td>800-1200</td>
<td>4500</td>
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<tr>
<td>WO-1442</td>
<td>63 61 76 66 44</td>
<td>14 x 42</td>
<td>6 9</td>
<td>40/50</td>
<td>1000-1500</td>
<td>5000</td>
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<tr>
<td>WO-1456</td>
<td>76 61 76 85 58</td>
<td>14 x 56</td>
<td>8 12</td>
<td>60/100</td>
<td>1400-2000</td>
<td>6000</td>
</tr>
<tr>
<td>WO-2224</td>
<td>85 76 103 46 27</td>
<td>22 x 24</td>
<td>2 6</td>
<td>40/50</td>
<td>1000-1400</td>
<td>5200</td>
</tr>
<tr>
<td>WO-2236</td>
<td>93 78 104 59 40</td>
<td>22 x 36</td>
<td>4 9</td>
<td>60</td>
<td>1800-2400</td>
<td>6500</td>
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"WO" WORLD SERIES CENTRAL GRANULATORS
Twin flywheel, 5 blade rotor, heavy duty granulators

<table>
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<th>Model</th>
<th>Dimensions (inches)</th>
<th>Throat Size (inches)</th>
<th>Knives</th>
<th>Motor (hp)</th>
<th>Throughput (lbs/hr)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>WO-2224</td>
<td>85 76 103 56 27</td>
<td>22 x 24</td>
<td>2 10</td>
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<td>1200-1600</td>
<td>5800</td>
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<tr>
<td>WO-2236</td>
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<td>75/100</td>
<td>2000-3400</td>
<td>7800</td>
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<td>22 x 60</td>
<td>6 25</td>
<td>100/125</td>
<td>2500-4000</td>
<td>8400</td>
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<tr>
<td>WO-3024</td>
<td>112 102 132 85 28</td>
<td>30 x 24</td>
<td>2 10</td>
<td>100/125</td>
<td>1900-2600</td>
<td>9000</td>
</tr>
<tr>
<td>WO-3036</td>
<td>112 102 132 77 40</td>
<td>30 x 36</td>
<td>4 15</td>
<td>100/150</td>
<td>2800-3200</td>
<td>10000</td>
</tr>
<tr>
<td>WO-3052</td>
<td>112 102 132 94 56</td>
<td>30 x 52</td>
<td>4 20</td>
<td>125/200</td>
<td>3200-4400</td>
<td>13000</td>
</tr>
<tr>
<td>WO-3065</td>
<td>112 102 132 109 69</td>
<td>30 x 65</td>
<td>6 25</td>
<td>200/250</td>
<td>3600-5200</td>
<td>16000</td>
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"TN" TITAN SERIES CENTRAL GRANULATORS
Twin flywheel, multi-blade rotor, severe heavy duty granulators

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (inches)</th>
<th>Throat Size (inches)</th>
<th>Knives</th>
<th>Motor (hp)</th>
<th>Throughput (lbs/hr)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>TN-4436</td>
<td>135 * * 101 40</td>
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<td>4 9/15</td>
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<td>4000-6000</td>
<td>25000</td>
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<tr>
<td>TN-4452</td>
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<td>4 12/20</td>
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<td>5000-7000</td>
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<tr>
<td>TN-4465</td>
<td>135 * * 130 69</td>
<td>44 x 65</td>
<td>6 15/25</td>
<td>300/500</td>
<td>6000-10000</td>
<td>35000</td>
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</tbody>
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EVACUATION SYSTEMS
Includes blower, cyclone, stand, filter bag assembly, complimentary connection hose and wired starter

ROTOGRAN manufactures a complete line of evacuation systems from 1HP to 40HP and cyclones from 24’’ diameter through 60’’ diameter.

FINES SEPARATOR SYSTEMS
Includes main evac and fines blowers, fines separator, fines cyclones, stand, filter bag assemblies and wired starters

ROTOGRAN also manufactures a complete range of fines separator systems to suit our full range of granulators.

(Optionalal stainless steel or abrasion resistant steel blower construction available)
(Rotary airlocks are available as an option on all evacuation systems)

Represented by:

For your area representative or for a quotation, please call:

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