MiniGran Lab Granulator

Description

The Dynisco MiniGran Lab Granulator is designed for the granulation of small sprues. With its very compact dimensions, this granulator can be accommodated almost anywhere and therefore is very suitable for laboratory applications. The granulator is suitable for all kind of plastic materials, due to the low rotor speed the plastic materials are processed to high-quality, low-dust regrind.

The cutting chamber of the MiniGran, including rotor and screen, are made of carbon steel, to fulfill high purity standards for regrind. In addition, the cutting chamber is hermetically sealed to prevent the regrind from being contaminated by incoming air or dust when extracted by suction. It is therefore possible to use this granulator under clean room conditions. The granulating chamber can be opened quickly and simply and can be cleaned rapidly, facilitating quick changes in materials or color. The optimized cutting geometry with a cascaded rotor in chevron design guarantees a very effective granulating process and also reduces the energy consumption.

Features

- Low speed rotor and optimized scissors cut for a high-quality regrind
- Compact dimensions/ small footprint
- Cutting chamber can quickly be opened for easy cleaning
- Low energy consumption
- Chevron-type cutting blades provide high quality and low dust regrind
- Feeding hopper made from sandwich sheet for low noise generation
- Material collecting drawer or suction port discharge

From lab to production, providing a window into the process
Technical Data

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Cutting chamber opening:</td>
<td>80 mm x 100 mm</td>
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<tr>
<td>Rotor diameter:</td>
<td>90 mm</td>
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<tr>
<td>Rotor speed:</td>
<td>112 U/min</td>
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<tr>
<td>Rotor knives:</td>
<td>9 pcs.</td>
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<tr>
<td>Stator knives:</td>
<td>2 pcs.</td>
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<tr>
<td>Motor power:</td>
<td>0.75 kW</td>
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<tr>
<td>Power supply:</td>
<td>230, 400, or 480 V / 50 Hz</td>
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<tr>
<td>Screen size:</td>
<td>3-5 mm</td>
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<tr>
<td>Screen:</td>
<td>With 4 mm holes as standard, alter. 3 and 5 mm holes (specify upon order)</td>
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<tr>
<td>Weight:</td>
<td>Approximately 40 kg</td>
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</tbody>
</table>

Ordering Guide for MiniGran Lab Granulator

MINIGRAN XXX X XXX

Voltage:
230 = 230V/50Hz-1ph
400 = 400V/50Hz-3ph
480 = 480V/60Hz-3ph

Screen Size:
S04 = Screen 4mm Diameter Hole
S05 = Screen 5mm Diameter Hole
S06 - Screen 6mm Diameter Hole

Discharge:
M = Material collection drawer
S = Suction port discharge
Dimensions

Compact & Ideal for laboratory applications