G-Max SERIES GRANULATORS

Smart engineering in compact granulators

Specifically designed for the closed-loop recycling of sprues/runners from injection molding machines with up to 400 tons of clamping force. Portable device allowing for greater versatility – can be moved easily from one machine to another. Damped cutting chamber for significant reduction of noise – quiet and efficient operation.

G-Max Granulators Generation II

A unique concept on the market

» **The remote control allows these standard functions:**
- Hour counter with digital display.
- Electrical interface to injection molding machine, stopping the granulator and thus saving energy when the injection molding machine is «Off».
- Status display of high level sensor.
- Three meter cable allowing the placement outside a safety guard.

» **Benefits of the G-Max Series Generation II:**
- Wider in-feed hopper.
- Lower feeding height.
- Stronger metallic holder for the support of the pendant.
- Sides of the cutting chamber with metallic covers (no apparent seals).
- New motor output for **G-Max 23** and **33**.

» Storage of cable.

» Regrind bin made of stainless steel.

» Properly sound-insulated stainless steel hopper.

» Swivel outlet pipe with adjustable airflow and slanted outlet for improved regrind evacuation.

G-Max 33

Hybrid rotor of G-Max 33

G-Max control with ambiLED visual status display

Capacitive high level sensor for the regrind bin with visual and audible alarm.

Screen with conical shaped holes as a standard feature: This makes it easier for soft tacky regrind to pass through the screen. This also helps to minimize screen hole plugging.

Water cooling circuit (option).

Automatic self-pretensioning system for the belt and massive inertia flywheel:
– No maintenance.
– Energy efficient.
– No risk of oil leakage around the granulator.

The **G-Max 23** and **33** have a hybrid staggered open rotor with open spaces between the rotating knives and the centre of the shaft, providing unrestricted air-flow through the cutting chamber, thus it is very well suited for granulating heat-sensitive resins or feedstocks that are still warm from processing.

The **G-Max 12** features a staggered rotor resulting in fast processing, and provides a powerful cutting force by concentrating the total granulation energy in one short knife at a time.

The rotor is made from massive components, adding inertia to cut through the thickest scrap, and therefore shows good stability in transferring even, high torque.

G-Max 23

G-Max 12

G-Max 33 – Technical Specifications

» Cutting chamber: 460 x 235 mm
» Number of blades: 3 x 3
» Motor output: 4 kW
» Rotor diameter: 220 mm
» Regrind bin capacity: 16 liters

G-Max 23 – Technical Specifications

» Cutting chamber: 310 x 235 mm
» Number of blades: 3 x 2
» Motor output: 3 kW
» Rotor diameter: 220 mm
» Regrind bin capacity: 13 liters

G-Max 12 – Technical Specifications

» Cutting chamber: 198 x 169 mm
» Number of blades: 3 x 4
» Motor output: 1.5 kW
» Rotor diameter: 180 mm
» Regrind bin capacity: 10 liters

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