



BLACKFRIARS - 40/40 SYSTEM

Granulator Systems

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MEDIUM DUTY GRANULATOR

The 40/40 is a medium duty granulator, designed for ease of use with a fast and simple cleaning process. As with all Blackfriars granulator machines this unit has been designed with durability and reliability in mind.

TANGENTIAL FEED

The throat opening is designed to accept large mouldings quickly and quietly with no fuss or throw-back due to the tangential feed.

LARGE ROTOR

The rotor with its three rows of shear cut adjustable knives is of heavy, but open construction. Running in large heavy duty bearings which are outboard from the cutting chamber and driven via a large flywheel, the rotor cuts against two rows of adjustable dead knives. The granulator may be fitted with an optional second flywheel for additional momentum.

QUIET OPERATION

No compromises have been made with sound attenuation, the result is a granulator that is both rugged and exceptionally quiet in operation. The cutting chamber and drive are mounted on anti-vibration pads within the outer chassis. The whole machine is then totally enclosed within high quality sound attenuating panels and interlocked doors.

GRANULE EXTRACTION

There is an integral pneumatic granule extraction system comprising a fan inside the sound enclosure, sound deadened ducting to a quiet cyclone with 'U' bend air filter. (The machine may be supplied with custom-designed extraction systems for specific customer requirements).



KNIFE SETTING

The rotor and stator knife design and setting ensures that the gap between the pre-set rotor knives and stator knives is always correct, and the rotor diameter is constant throughout the life of the knives.

SAFETY

The whole machine is fully interlocked, yet readily accessible.

ACCESS

Access to the cutting chamber is fast and easy with an opening system to both the feed hopper and the cradle. No tools are required for full machine opening.

OPTIONS

- Custom granule extraction systems.
- Granule collection bin instead of fan systems.
- De dusting, cleaning and classifying of granules.
- In-feed conveyors.
- Hot melt models for extrusion and blow moulding.
- Temperature sensing.

Model	40 /40
Throat Size (mm)	400 X 400
No. of Rotor Knives	3
No. of Stator Knives	2
Rotor Diameter (mm)	350
Motor range (kW)	11/15/18.5/22
Output in Kg / Hr with 9mm Screen	250 - 350
Dimensions in mm (L x W x H)	1420 X 1440 X 2090
Machine Weight (kg)	1500

Blackfriars spares and re-grind services:

Blackfriars offer a comprehensive stock of spare parts for our granulator machines and systems. Blackfriars also offers a blade sharpening service across the UK.

