



### QUIET GRANULATOR

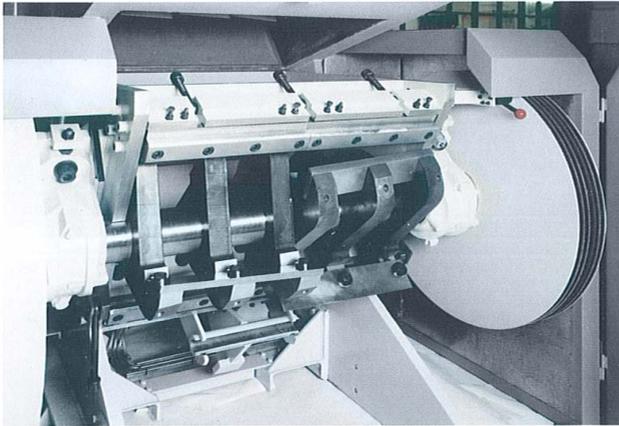
The 100/80 Granulator has been designed to handle large, bulky items in one operation and without the use of shredders or pre-breakers. As with all Blackfriars granulator machines this unit has been designed with durability and reliability in mind.

Typically the 100/80 will process:

- Barrels
- Vehicle panels
- Bumpers
- Fuel Tanks
- Large blow mouldings
- Tanks & Drums
- Large crates & boxes.
- Rolls of skeletal waste
- Sheet

The list of applications is endless and with the rear profile feed version extrusions of up to 6M in length can be safely fed into the 1000 x 230mm profile feed opening.

The feed is self regulating and ensures optimum throughput.



### ROTOR

The special large diameter rotor and cutting chamber combination makes the 100/80 the most capable of granulators. The high torque combined with up to two large flywheels ensures that materials are granulated quietly and safely. The rotor runs on two massive bearings which are located outboard of the cutting chamber wall.

### TANGENTIAL FEED

Ensures that all materials to be granulated are pulled into the rotor without bounce or flyback.

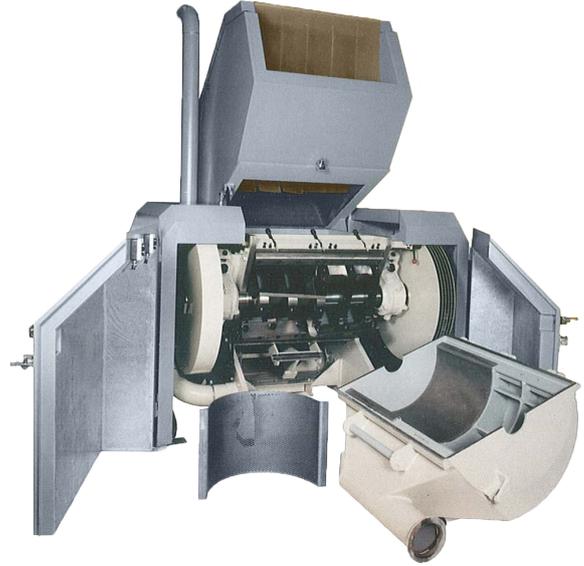
### SAFETY

Despite being easy to use, access to the cutting chamber is made fast and simple. There is an electric actuator to open the feed hopper and the cradle. The cradle rolls freely away from the machine to further improve access for maintenance, the machine is fully safety interlocked and includes the Blackfriars Rotolok.

### QUIETNESS

The whole machine and integral granule conveying fan is contained within its sound enclosure and feed hopper Combined with one of our acoustic controlled in-feed conveyors the 100/80 is total convenience.

As an option the 100/80 can be supplied without it's acoustic enclosure. This is a useful cost saving if for example the machine is to be installed in an existing room and fed by conveyor through a wall.



### KNIFE SETTING

The rotor has fully adjustable and pre-settable knives. This ensures a CONSTANT CUTTING CIRCLE and optimum performance throughout the life of the knives.

### OPTIONS

The 100/80 can be supplied in a number of optional specifications for a variety of applications and plant layouts. Blackfriars will be pleased to discuss any special requirements or applications.

### ACCESSORIES

A full range of accessories can be supplied by Blackfriars including infeed conveyors, ferrous/non ferrous metal detectors and separators, classifiers and dust extraction units as well as waste compactors.

<b>Model</b>	100 / 80
<b>Size</b>	1000 X 800
<b>No of Rotor Knives</b>	3
<b>No of Stator Knives</b>	2
<b>Rotor Diameter (mm)</b>	610
<b>Motor Range (kW)</b>	55/75
<b>Output in Kg / Hr with 9mm Screen</b>	900 - 1500
<b>Dimensions in mm (L x W x H)</b>	2615 X 2330 X 2700
<b>Machine Weight (kg)</b>	7000

### CONTACT

To place an order or discuss your project requirements, please get in touch.

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Email: [enquiries@fernite.co.uk](mailto:enquiries@fernite.co.uk)

Our office is open from:

8.30am - 5.00pm Mon-Thurs  
8.30am - 3:45pm Fridays

Closed Saturday / Sunday

[www.blackfriars.com](http://www.blackfriars.com)



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