



# BLACKFRIARS - 525 BALE GRANULATOR

Granulator Systems

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## BALE GRANULATOR

The 525 bale granulator may be operated as a manual or automatic installation, producing a uniform granule at consistent rates. Mechanical assistance is fitted where required to ease access to the cutting chamber. Complete cleardown of machine for material changes is a simple task.

## PERFORMANCE

This machine accepts complete 35kg bales of natural rubber and most grades of synthetic rubbers. In one pass it reduces these bales to granules. Granules in various sizes are obtainable down to a minimum size of between 6 to 8mm.

## OUTPUT

This naturally depends upon the rubber being processed and the granule size. Typically, with many rubbers an output of 1500 kg per hour is the norm.

## POWER REQUIREMENTS

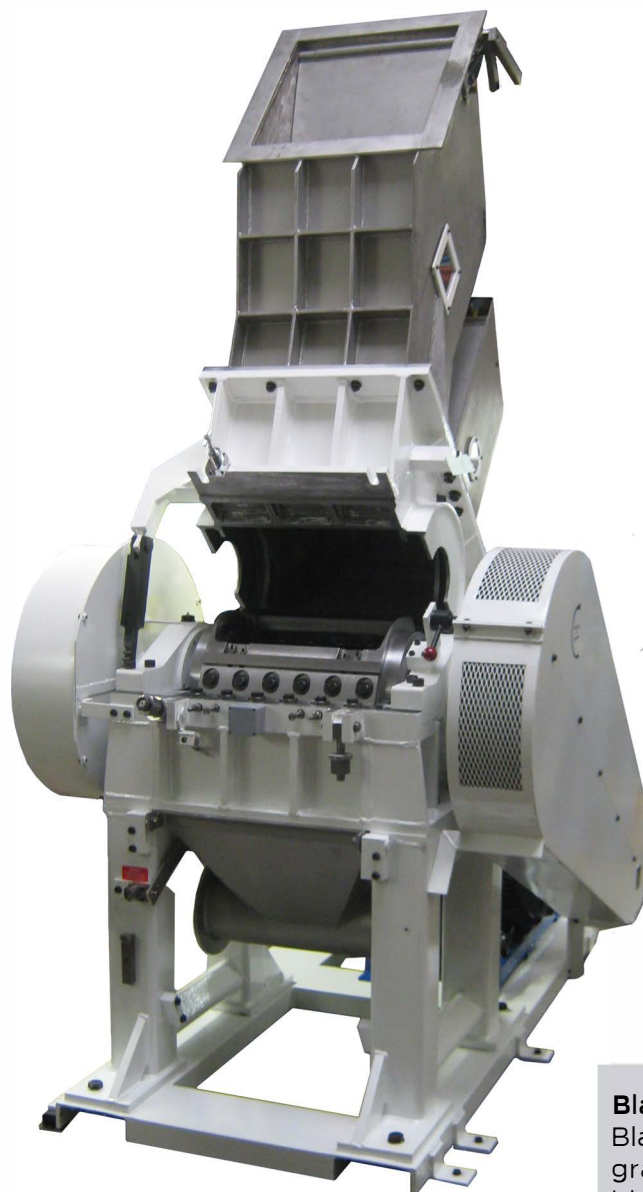
The main driving motor is typically 75 kw. The granulator uses a V-rope drive.

## MACHINE CONSTRUCTION

The machine combines in a simple but ingenious way several features including a rotor, a storage chamber and a special knife configuration.

## NOISE

Blackfriars supply complete sound attenuating enclosures for all of our granulator systems



## SAFETY

The 525 Bale Granulator incorporates the Blackfriars Scrollok Safety Switching System (with positive mechanical locking) which guards entry to the cutting chamber.

## FEEDING

A conveyor for feeding the bales of rubber at a controlled rate is available as an option.

## EXTRACTION AND CONVEYING OF GRANULES

A pneumatic extraction and conveying system is available as an option.

## FURTHER INFORMATION

Information on the performance of the Granulator on a variety of rubbers is available.

Model	525BG
Throat Size (mm)	525 X 230
No of Rotor Knives	3
No of Stator Knives	3
Rotor Diameter (mm)	430
Motor Range (kW)	55/75
Output in Kg / Hr with 9mm Screen	1000 - 1500
Dimensions in mm (L x W x H)	2100 X 2200 X 2700
Machine Weight (kg)	2500

### 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 resharpening service across the UK.

