



Introduction to the R25 Schredder

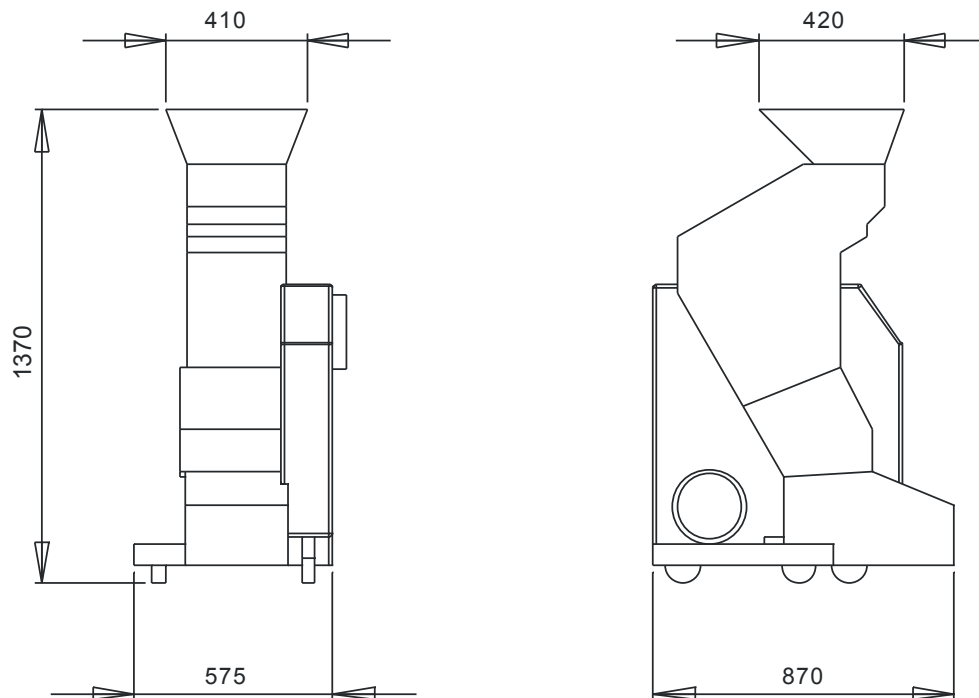
The R25 Schredder is part of C R Clarke's Schred range of plastic recycling equipment. The unit is a cold granulator that uses a combination of rotating and static blades to chop up plastic into a re-processable form. Material is fed into a hopper at the top of the machine and falls into the cutting chamber. Within the cutting chamber, rotating blades continually cut the material against fixed blades. A mesh screen at the bottom of the chamber prevents the cut material from escaping until the granules are small enough to pass through it. Once the material has been cut into fine granules, it passes through the mesh into a collecting bin at the bottom of the machine.

All plastics that are to be granulated must be washed and dried thoroughly before being placed into the R25.

Suitable Materials

The R25 is suitable for most types of thermoplastic, e.g. rigid polystyrene (not foamed), PET, Polypropylene, acrylic etc. It is recommended that different materials are separated prior to processing, so that they can be easily identified. Colours can be separated or mixed to achieve the desired effect.

Machine Dimensions (mm)



Specifications

Voltage	230V 50-60Hz
Power	1KW
Rotor Speed	290/348rpm (50/60Hz)
Type of Blades	Staggered
Number of Fixed Blades	2
Number of Rotating Blades	3 x 4
Cutting Chamber	200 x 280
Max Throughput Capacity	80/95 kg/hr (50/60Hz)
Noise Level	84dB
Dimensions (Bare)	87 x 57.5 x 137cm
Dimensions (Packed)	113 x 94 x 162cm
Weight (Bare Machine)	265kg
Weight (Packed)	360kg

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