

The MATRIX 300 Cable Granulation System



→ **100% Separation
of metals from
plastics**

→ **Handles even the finest
wires and cables at rates
of up to 300kg/hour input**

→ **Compact,
needing minimal
floor space**

**Produces clean copper granules
from your scrap wire and cable**

Unlike most other equipment available on the market, MATRIX is not a toy but a heavy industrial machine for producing clean copper granules from all types of household cable and other small wire. The cable can be fed directly into the hopper of the machine in lengths of 500 to 1000mm, or in rings of 300mm diameter. The cable is first processed through a granulation system and the resulting granules transported to a separation unit via a blower system. Granulated material is transported through a specially designed turbine that spins the material at very high speeds to ensure perfect copper/plastic separation. The resultant product is then transported on to an air separation table. Separation of metals and plastics takes place on a vibrating dry separator.



Optional extras to improve productivity even further are the Wagner Ws15 pre-shredder, an in feed conveyor with magnetic attachment and an out feed plastic screw conveyor.

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The MATRIX range Cable Granulation System

Technical Data

Granulator

Electric motor	BA40/30, motor 15kW
Rotor revolutions	285 rpm (6p) -430 (4p)
Fixed blades	2
Mobile blades	3
Rotor motion diameter	300mm

Seperator

Fan Electrical motor	2.2 kW
Speed of rotation	2900 rpm
Fan air capacity	2200 m3/h
Vibrators electric motor	0.12 kW (each)
Speed of rotation	1000 rpm
Vibrating table dimensions	830 x 220mm
Turbo 2/16	18.5kW
Pneumatic Transport	150V 2.2kW



Dimensions

L x B x H(mm) 3,750 x 1,840 x 2,800

Weight

Approx 3,600kg

Production

Up to 300kg/hour input

Also available from JMC:



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Dross Processing



Non-Ferrous Balers



Steel Balers



Drum Crushers



Grabs



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Magnets



Hydraulic Cutters



Pneumatic Cutters

View our products at www.jmcrecycling.com