ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Recycling Blades & Shredders

Heavy-duty cutting components for plastic recycling equipment including shredders, granulators, and size reduction equipment. Built for tough, continuous-duty applications.

SPECIFICATIONS

Specification	Details
Blade Types	Shredder knives, rotor blades, stationary knives
Blade Thickness	0.5" to 3"
Hardness	55-62 HRC
Rotor Styles	Open rotor, closed rotor, staggered tooth
Screen Sizes	3/8" to 4" openings
Capacity	100 lbs/hr to 10,000+ lbs/hr

AVAILABLE OPTIONS

Option	Description
Single Shaft Shredder Blades	Low-speed, high-torque cutting
Dual Shaft Shredder Blades	Counter-rotating cutting action
Granulator Rotor Blades	High-speed size reduction
Bed Knives	Stationary cutting surface
Screens	Final sizing and discharge
Custom Profiles	Application-specific designs

MATERIALS

Material	Properties / Applications
D2 Tool Steel	High carbon, high chromium for wear

A2 Tool Steel	Air-hardening with good toughness
H13 Tool Steel	Hot work applications
CPM 10V	Extreme abrasion resistance
AR400/500	Abrasion-resistant steel
Carbide-Tipped	Maximum wear life

OEM COMPATIBILITY

Compatible with equipment from: Vecoplan, SSI Shredding, UNTHA, Weima, Lindner, Herbold, Zerma, Pallmann, Cumberland, Rapid

APPLICATIONS

• Plastic bottle recycling • Film recycling • Industrial scrap processing • Post-consumer plastics • Purging reduction • Large part shredding

INDUSTRIES SERVED

• Plastics recycling • Waste management • Manufacturing scrap recovery • Post-consumer recycling • Industrial recycling • E-waste processing

ADDITIONAL NOTES

Blade rebuilding and hard-facing services available. Field service support for blade installation.

Contact Rowe Equipment, Inc.

Phone: 1-800-848-7693 | Email: sales@roweequipment.com

Website: www.roweequipment.com

© 2025 Rowe Equipment, Inc. All rights reserved.

Technical documentation by Internet Consulting, Inc.™
www.internetconsultinginc.com