

Vecoplan[®]



NEW GENERATION FILM-FIBER SHREDDERS

VAZ 1100 - 1800

Vecoplan[®]

FILM FIBER SHREDDERS

APPLICATION

The NewGen Film & Fiber Rotary Shredder Models with the SureCut™ Cutting System are designed specifically for single-stage reduction of plastic films, synthetic fibers, and carpet being reclaimed for extrusion. The FF Series is built for high throughput, has built-in metering capabilities and thermal monitoring controls. Benefits of the SureCut™ Cutting System include precise cut lengths and high bulk densities while eliminating material wrapping.



*Features may vary by model

FEATURES

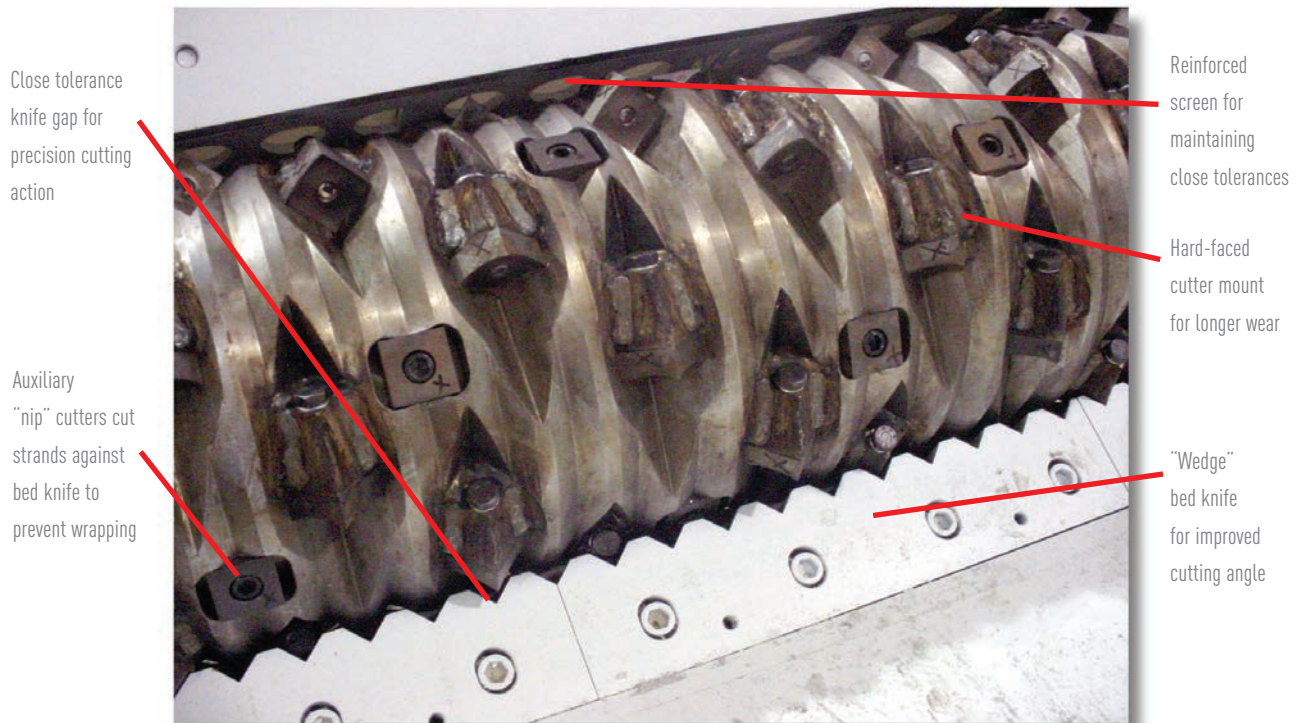
- SureCut™ Cutting System
- Low Speed / High Torque Design
- PLC Controls / Touch Pad Monitoring
- Tramp Metal Protection
- Large Infeed Hopper
- Precision Hydraulic "Process Ram"
- Special Composite 4-Way Indexable Cutting Inserts
- Rugged Hydraulics
- Water-Cooling Provision on Cutting Rotor and Bearings
- Heavy Oversized Outboard Spherical Roller Bearings
- Fluid TurboCoupling
- ISO 9001 Manufactured
- Hinged Protective Cylinder Covers
- 0.0150 Knife Gap for Thin Materials
- Easy Access Screen
- Critical Duty Drivetrain
- Passive Programming for Self-Feed Materials
- Wear Resistant Siderails & Cutting Chamber
- Reinforced Screens

OPTIONS

- Quick Disconnect & Quick Clean Screens
- Application Specific Programming & Control Integration
- Special Purpose Screens
- High Speed Ram
- Diverter Plate Over Cutting Rotor
- Built-In Thermal Monitoring Controls for Rotor
- Wear Resistant Cutting Chamber
- Complete Turn-Key Recycling & Reclamation Systems and Material Handling Products Installation
- Externally Adjustable Counter Knives

SURECUT™ CUTTING SYSTEM

Vecoplan's innovative and patented SureCut™ Cutting System marks a true breakthrough in film and fiber size reduction. This revolutionary design eliminates the typical difficulties usually associated with the processing of plastic film and synthetic fiber materials.



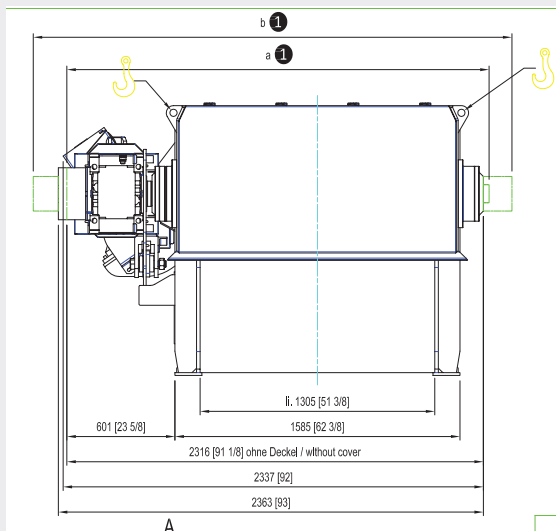
CONVENTIONAL SYSTEM PROBLEMS

• Rotor is wrapped by material	• Special "nip" cutters prevent wrapping
• High Heat Buildup	• Extreme cutting efficiency with low speed, high torque
• Material is fed too aggressively	• "Wedge" counterknife optimizes the cutting angle and keep self feeding material within ideal processing limits
• Screen Plugging	• Precision tolerances produce exact cut lengths that flow effortlessly
• Low Bulk Density	• Consistency in particle size
• Premature Drivetrain Component Failure	• Rugged, upsized gear reducers and fluid clutch

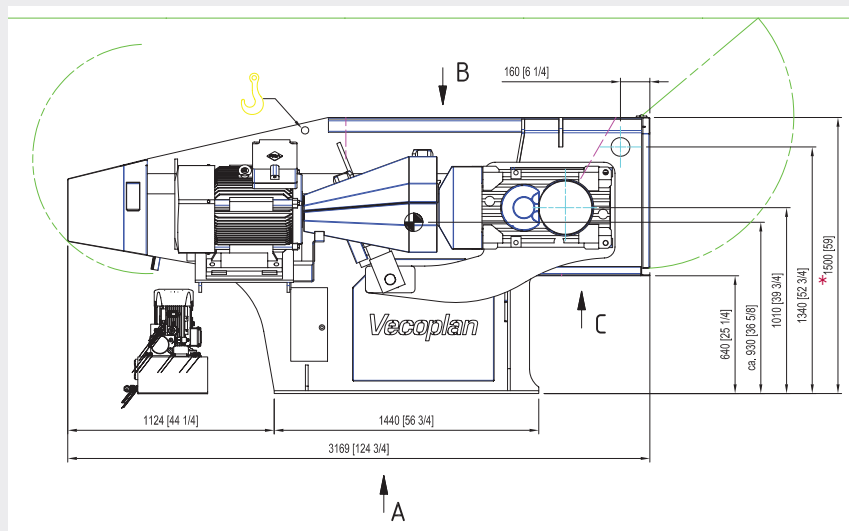
SURECUT™ SOLUTIONS

SURECUT™ PATENT

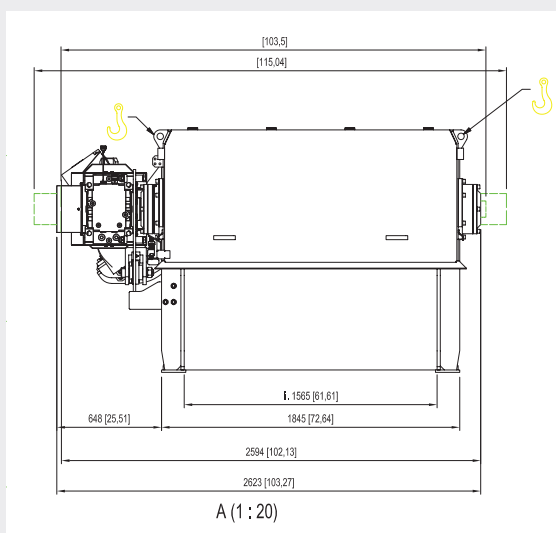




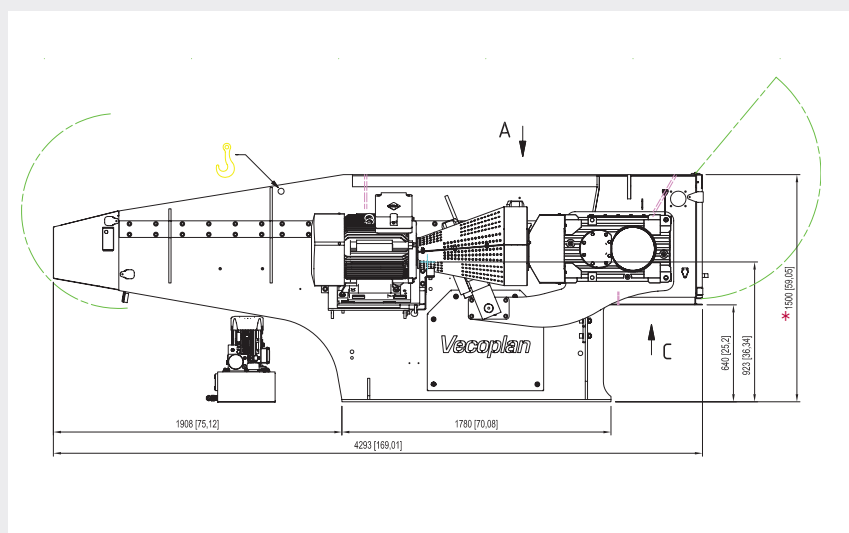
front view - VAZ 1300



side view VAZ 1300



front view - VAZ 1600



side view VAZ 1600

* For machines equipped with swing-up carriage option, add 18 inches

SPECIFICATIONS

Model Number	VAZ 1300 S	VAZ 1300 M	VAZ 1300 M XL	VAZ 1300 L	VAZ 1600 S	VAZ 1600 S XL	VAZ 1600 M	VAZ 1600 M XL
Hopper Opening (inch)	52 x 50	52 x 58	52 x 58	52 x 68	62 x 58	62 x 58	62 x 80	62 x 80
Hopper Volume (Cu. yards)	3.25	3.75	3.75	4.5	4.5	4.5	6.4	6.4
Rotor Diameter (inches)	15	15	20	15	15	20	15	20
No. of Cutters (qty)	37 / 60 (40x40)	37 / 60 (40x40)	37 / 60 (40x40)	35 / 60 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)
Rotor Speed (rpm)	120 - 145	120 - 145	120	100 - 145	80-200	80-200	80-200	80-200
Drive Motor HP (HP)	60 - 100	60 - 150	100	60 - 100	60 - 150	75, 125, 150	60 - 150	125 - 150
Feed System (HP/Speed)	3-5 / 2	3-5 / 2	3-5 / 2	3-5 / 2	10/2	10/2	10/2	10/2
Machine Weight (lbs)	9,000-11,900	10,000-12,900	10,200	9,660-9,900	15,500-17,000	15,500-17,000	15,500-17,000	15,500-17,000
Voltage (V/PH/Hz)	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60

Vecoplan®

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