



CLS Series Light Duty Shredder

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CLS Series Light Duty Shredder

Application:

The CLS Series light duty single shaft shredder is designed for processing injection and extrusion mold startup purge. It reduces material to approximately 1" to 4" when combined with a Cumberland granulator (stacked 2-stage or in-line with conveyors), and output material sizes can range from 1/8" to 1/2". The granulator can average 150% of its stated throughputs without heavy power consumption leads (typically seen when using a granulator alone).

Benefits & Standard Features:

- 12" diameter drum style rotor provides efficient cutting of various process scrap.
• Low speed rotor (72 RPM) transmits high cutting torque for tough applications.
• The low speed cutting action reduces noise levels.
• Standard rotor is fabricated using abrasion-resistant steel for long-life in high-wear application.
• 4-edge 1.3" reversible cutters with bolt-in replaceable knife seat for easy maintenance.
• Heavy-duty self-aligning outboard mounted bearings that reduce the possibility of material contamination.
• Double wall manual-feed hopper that can be positioned for feeding through front, back, or side of machine.
• Tangential feed hopper for easy ingestion of material without the need of a hydraulic ram.

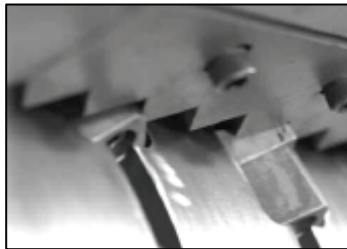
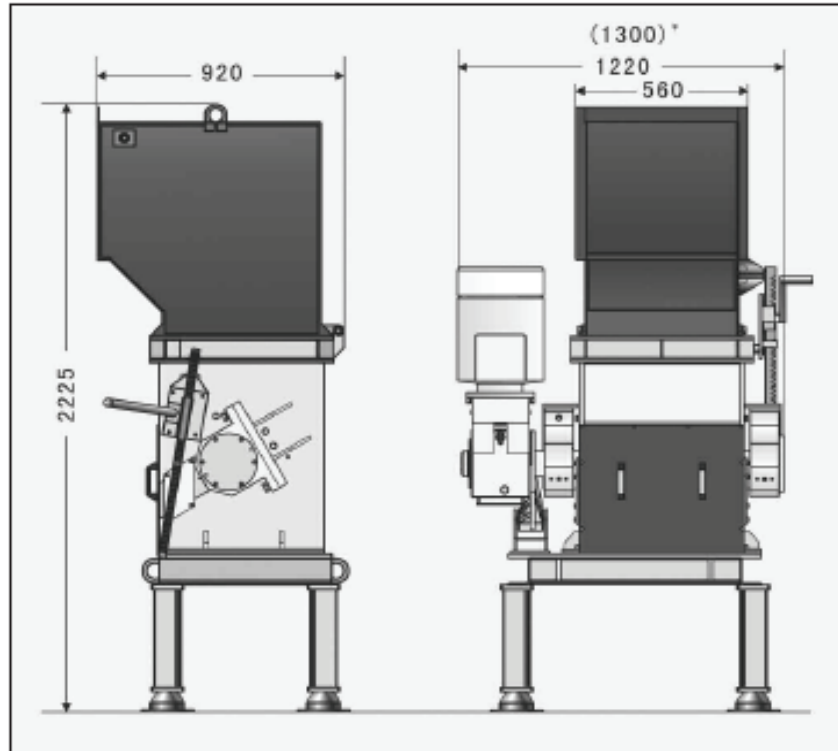
Specifications:

Table with 3 columns: Model, CLS 600+, and CLS 850. Rows include Feed opening, Usable area of cutting chamber, Feed height, Rotor diameter, Rotor width, Rotor speed, Number of cutters, and Drive capacity.

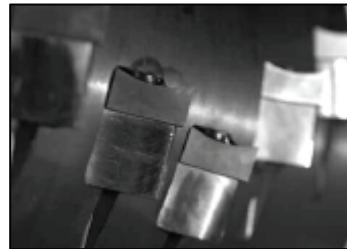
— See Page 2 For CLS Series Drawings —



## Cumberland CLS Series Light Duty Shredder



Standard hardened rotor with replaceable cutters and cutter seats designed for processing the ticker sections of startup purge and blow molding flash.



Direct drive shredder style rotor to reduce startup purge and flash to less than 4" particles that can be granulated by a beside-the-press granulator.