



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 25 mm to 102 mm when combined with a Cumberland granulator (stacked 2-stage or in-line with conveyors), and output material sizes can range from 3 mm to 13 mm. The granulator can average 150% of its stated throughputs without heavy power consumption leads (typically seen when using a granulator alone).

Benefits & Standard Features:

- 305 mm 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 33 mm 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.

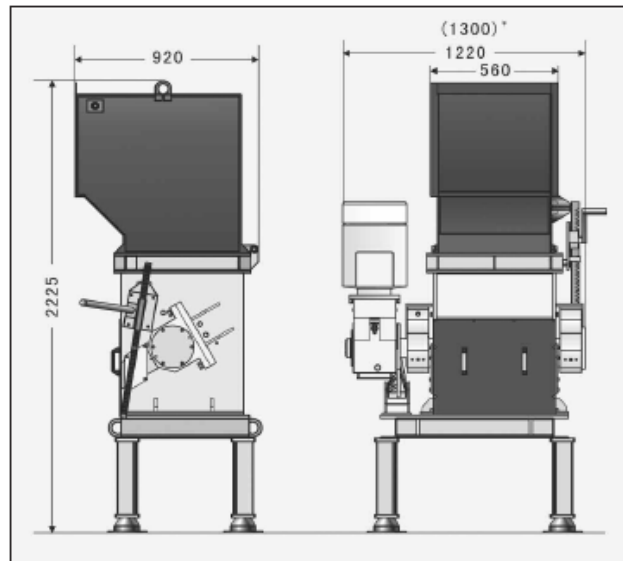
Specifications:

Model	CLS 600+
Feed opening, mm	550 x 490
Usable area of cutting chamber, mm	580 x 560
Feed height, mm	1775
Rotor diameter, mm	310
Rotor width, mm	600
Rotor speed	72 rpm
Number of cutters	26
Drive capacity	11 kW

— 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.