

CGS-2129, CGS-4229 AND CGS-6440 MODELS

Model CGS-4229

LOW RPM— LOW ENERGY HIGH OUTPUT SHREDDERS

Heavy-Duty CGS Series Shredders from Conair are designed to produce clean, quality regrind by smoothly cutting even the hardest materials into uniform pieces.

All models feature low rotor rpms and specially designed cassette knives to consistently cut through thick material, making usable chips for further refining.

A staggered rotor design and a tangential feed chamber reduce bulky part 'bounce' over conventional cutting chambers. The CGS-6440 model is available with an optional double-knife row rotor for even thicker material reclaim applications.

CHANGE PURGINGS AND LUMPS INTO UNIFORM CHIPS

The CGS Series offers a removable front panel for quick rotor access and a staggered rotor with replaceable cassette knives. An optional second top material pusher is available as an option only with models CGS-4229 and CGS-6440.

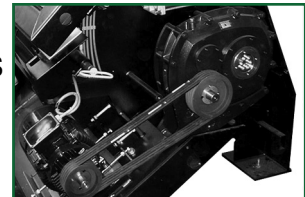
Available in three sizes for throughputs of up to 3,300 lb/hr. The CGS Series uses low rotor speeds to allow the processing of large purgings, high-volume defects, sprues, bulky bottles or containers and extruded profiles and pipes.

A high-built stand is standard on all CGS Series models. This design simplifies the connection of band or auger conveyor material evacuation equipment.

On model CGS-6440, an optional double-knife row on the rotor is available for maximum cutting capacity.

■ Low rpms; less energy

Lower rotor speeds via a gear reducer on the CGS Series provide quality, consistently-sized chips, higher torque and less energy usage. Low rpms also reduces angel hair and dust generation for cleaner output.



■ No knife resharpening needed

Eliminate the costly and time-consuming task of resharpening and resetting knives. These shredders use cassette knives that are so economical they can be replaced when worn.

■ Quick rotor access

The CGS Series provides an easy access, removable panel for color changes, clean out and maintenance of both rotating and fixed knives.

■ Screenless operation

The CGS Series Shredder operates without a screen as standard. An optional screen is available when smaller particle sizes are required.

■ Flexible material feeding

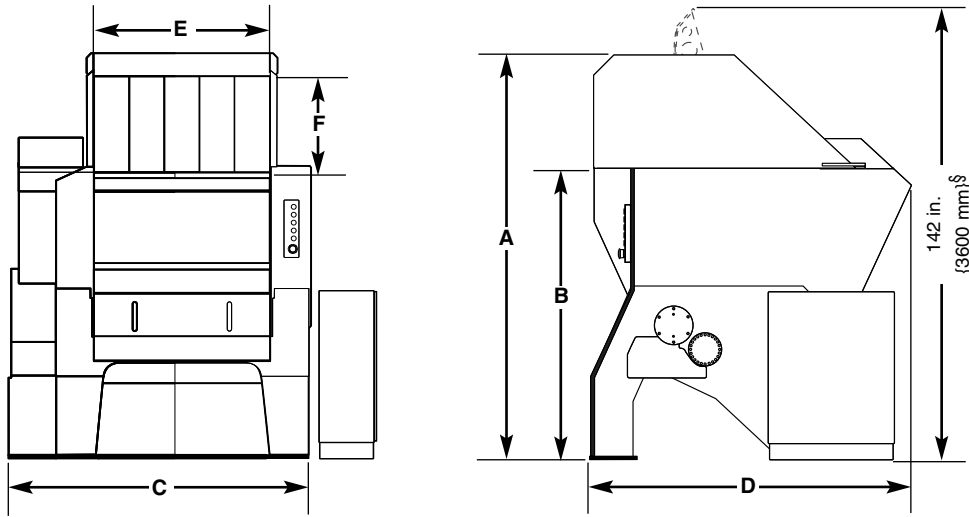
Choose the material feeding method that works for you. The CGS Series can be configured to be hand- or conveyor-fed, depending on your application.



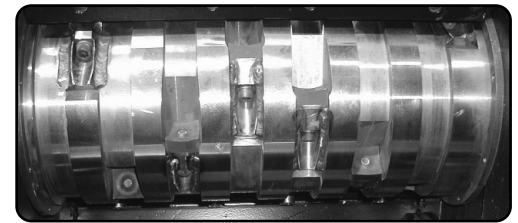
SPECIFICATIONS

HEAVY-DUTY BATCH-FED SHREDDERS

CGS-2129, CGS-4229 AND CGS-6440 MODELS



MODELS	CGS-2129	CGS-4229	CGS-6440
Performance characteristics			
Maximum throughput* lb/hr {kg/hr}	1000 {450}	2000 {900}	3300 {1500}
Cutter chamber opening in. {mm}	21 x 29 {540 x 740}	42 x 29 {1080 x 740}	64 x 40 {1620 x 1020}
Rotor speed rpm	58	58	58
Cutting circle in. {mm}	11 {282}	11 {282}	17 {434}
Motor power Hp {kW}	15 {11}	30 {22}	75 {55}
Screen hole sizes †	13/16 and 2 in. {20 and 50 mm}		
Rotor			
Rotor type	drum-style closed rotor		
Number of rotating knives‡	14	28	42
Number of fixed knives	1	1	1
Dimensions inches {mm}			
A - Overall height§	100.0 {2540}	105.0 {2667}	122.0 {3099}
B - Height to hopper infeed	71.0 {1803}	71.0 {1803}	71.0 {1803}
C - Width	52.0 {1321}	76.0 {1930}	115.0 {2921}
D - Depth	88.0 {2235}	88.0 {2235}	90.5 {2299}
E - Feed hopper opening - width	21.0 {533}	42.5 {1080}	64.0 {1626}
F - Feed hopper opening - height	20.5 {521}	24.5 {622}	39.5 {1003}
Weight lb {kg}			
Installed	6173 {2800}	10582 {4800}	14330 {6500}
Voltages Total amps			
230V/3 phase/60 Hz	42	80	192
400V/3 phase/50 Hz	21.5	41.5	99
460V/3 phase/60 Hz	21	40	96
575V/3 phase/60 Hz	17	32	77
Noise level**			
>85 dbA			



Staggered rotor design with cassette knives

FEATURES

- Easy rotor access
- D2 tool steel cassette knives
- Screenless operation
- Low rpm motor
- Application specific configurations
- Self-cleaning pusher (ram)

OPTIONS

- Double knife rows (CGS-6440 only)
- Rotor cooling (CGS-6440 only)
- Screen operation
- Second material pusher (CGS-4229 and CGS-6440 only)

SPECIFICATION NOTES:

* Throughputs are provided as a capacity guideline only. Throughput will vary according to the size, shape, thickness and properties of the material to be cut, as well as the desired size of the granulate. Consult Conair for a material test or help determining the correct granulator model for your application.

† Optional screens can be added for smaller particle sizes.

‡ CGS-6440 model shredder is available with an optional second row of rotating knives.

§ Overall height will increase to 142 inches {3600 mm} with the addition of the optional second material pusher (Models CGS-4229 and 6440 only).

** Noise level will vary according to material type being processed and the granulator configuration. These ranges are based on tests using SPI standards.

Specifications may change without notice. Check with a Conair representative for the most current information.

