

CBW-1012, CBW-1018 AND CBW-1024 MODELS

Model CBW-1012
shown with optional
sound enclosure

ADAPTABLE 2-WAY CHAMBER FOR MULTIPLE APPLICATIONS

The innovative and adaptable cutting chamber on the CBW Series allows these granulators to provide exceptional regrind for a wider variety of blow molded, injection and extrusion parts than ever before.

These quiet, heavy-duty granulators feature exchangeable back plates that modify the feed opening from super tangential to restricted tangential, accommodating virtually everything from large bulky parts to heavy-wall profiles to sprues and runners. The result is increased throughput and a more consistent and uniform regrind.

WIDE OPEN ACCESS FOR QUICK AND EASY CLEANING AND BLADE MAINTENANCE

The robust CBW Series offers a swing-open screen cradle for the industry's fastest rotor access and lowest in-feed height in its class. A three-blade, slant-knife open rotor provides scissor-cutting action for fast, efficient processing.

CBW Series also offer custom hoppers for front, side, rear and roll feed to accommodate most every type of feed system and a gas-assist hopper opening.

CBW options include: wear resistance packages, 2nd flywheel for added inertia, blower systems, high level/high amp alarms, larger horsepower motors, base sound enclosure and incline conveyors with and without a metal detector, electric ball screw hopper lift, roll feeds and pre-adjustable knife fixtures.

■ Direct and easy access to machine core

Conair's innovative CBW cutting chamber features a swing-open removable screen, cradle and granule discharge bin for wide open access. Rotor access is straight-in versus from underneath, greatly simplifying clean out and blade maintenance saving you time and money.

■ High-quality regrind

Standard two and an optional third bed knife tailor the number and position of cuts to the type of part, optimizing the process and assuring the highest quality and level of production.

■ Constant cutting circle

Rotor knives adjust outward to the stationary bed knives to maintain an unchanging gap between the knives and screen, eliminating screen clogging, minimizing heat buildup and reducing dust and fines even with the toughest applications.

■ Quiet operation

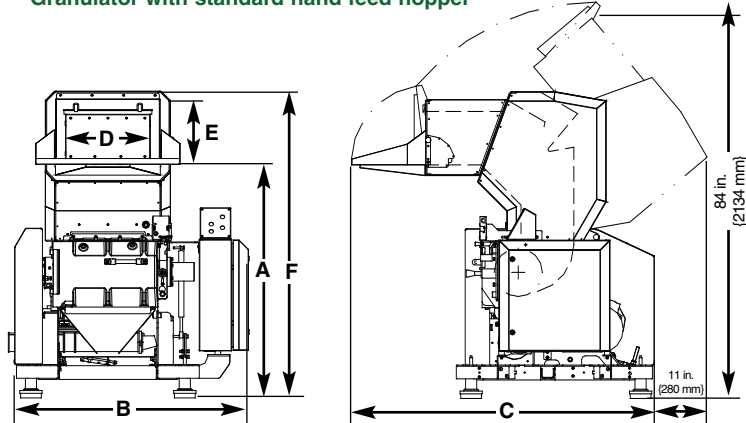
CBW granulators have hinged feed trays; double-wall, sound-proofed hoppers; and optional integral base sound enclosures to reduce noise during granulation.

SPECIFICATIONS

TANGENTIAL FEED GRANULATORS

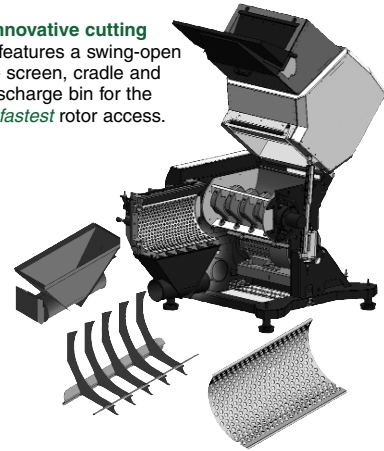
CBW-1012, CBW-1018 AND CBW-1024 MODELS

Granulator with standard hand feed hopper



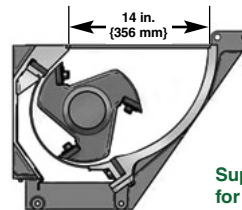
Wide open access

Conair's **innovative cutting chamber** features a swing-open removable screen, cradle and granule discharge bin for the industry's **fastest** rotor access.



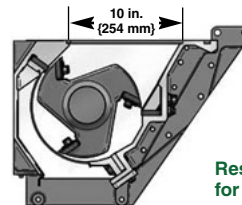
MODELS	CBW-1012	CBW-1018	CBW-1024
Performance characteristics			
Maximum throughput* lb/hr {kg/hr}	up to 200 {90}	up to 300 {135}	up to 500 {225}
Super tangential cutter chamber opening in. {mm}	14 x 12 {356 x 305}	14 x 18 {356 x 457}	14 x 24 {356 x 610}
Restricted tangential cutter chamber opening in. {mm}	10 x 12 {254 x 305}	10 x 18 {254 x 457}	10 x 24 {254 x 610}
Rotor speed rpm	715	715	715
Cutting circle in. {mm}	10 {254}	10 {254}	10 {254}
Motor power† Hp {kW}	7.5, 10, 15 {5.6, 7.5, 11.2}	7.5, 10, 15 {5.6, 7.5, 11.2}	7.5, 10, 15 {5.6, 7.5, 11.2}
Rotor type	3-blade rotor		
Screen hole sizes in. {mm}	1/8, 1/4, 5/16, 3/8, 1/2, 5/8, 1 {4, 6, 8, 10, 12, 17, 25}		
Knives			
Number of rotating knives	3		
Number of fixed knives	Super tangential 2 standard {3 optional}; Restricted tangential 3 standard		
Dimensions inches {mm}			
A - Height to hopper infeed	50 {1270}	50 {1270}	50 {1270}
B - Width	45 {1143}	51 {1295}	57 {1448}
C - Depth	64 {1626}	64 {1626}	64 {1626}
D - Feed hopper opening - width	12 {305}	18 {457}	24 {610}
E - Feed hopper opening - height	10 {260}	10 {260}	10 {260}
F - Overall height	65 {1651}	65 {1651}	65 {1651}
Weight lb {kg}			
Installed	1764 {800}	1984 {900}	2205 {1000}
Shipping	2315 {1050}	2590 {1175}	2866 {1300}
Voltages Total amps based on motor size			
Motor power Hp	7.5 10 15	7.5 10 15	7.5 10 15
208V/3 phase/60 Hz	25 32 48	25 32 48	25 32 28
230V/3 phase/60 Hz	22 28 42	22 28 42	22 28 42
460V/3 phase/60 Hz	11 14 21	11 14 21	11 14 21
575V/3 phase/60 Hz	9 11 17	9 11 17	9 11 17
Noise level†			
With standard hopper soundproofing	90 to 95 dbA		
With optional base soundproofing	80 to 85 dbA		

Cutting chamber configurations



Super tangential for bulk waste

Standard configuration includes two fixed knives. Typical applications are bulky parts and scrap.



Restricted tangential for thicker-walled parts

Three fixed knives are standard on restricted tangential chambers for increased throughputs. Typical applications are thick-walled, heavy-cross section parts and scrap.

Motor options	CBW-1012	CBW-1018	CBW-1024
●=standard o=optional			
7.5 Hp {5.6 kW}	●	●	●
10.0 Hp {7.5 kW}	o	o	o
15.0 Hp {11.0 kW}	o	o	o
Evacuation blower options			
o=optional			
1.5 Hp {1.1 kW}	o	N/A	N/A
3.0 Hp {2.2 kW}	o	o	o
5.0 Hp {3.7 kW}	o	o	o

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.

† 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.

