

**CK-2436 GRANULATOR**

Model CK-2436

# **EFFICIENT, QUIET CUTTING FOR MULTIPLE APPLICATIONS**

CK tangential feed granulators are designed with the most advanced technology to produce high-quality regrind from bulky, hard-to-grab parts such as pails, housings, drums and automotive moldings.

The tangential feed cutting chamber increases throughput and reduces dust from over-cutting by making it easier for the knives to grab and cut scrap. This design is especially effective with bulky, thin-walled parts and containers that tend to bounce in a conventional chamber.

## **INTEGRAL SOUND ENCLOSURES FOR QUIET OPERATION**

All CK models feature well-designed, close-fitting and compact integral sound enclosures that significantly reduce noise during grinding, while allowing full frontal access for quick clean out and easy routine maintenance.

Isolation bars reduce vibration.

Double-wall hoppers with hinged feed trays reduce flyback as well as noise during operation.

The CK series features sealed regrind collection bins for dust-free operation and reversible screens for longer screen life.

Options include: side-feed hoppers, hoppers for sheet, pipe, profile and conveyor feed, a high-level alarm, blower packages and wear resistance packages.

### ■ **Faster processing of scrap**

The tangential feed chamber, combined with scissor-cutting, slant-knife technology, results in faster processing, high-quality regrind and less dust.

### ■ **Standard three-blade open rotor**

The three-blade open rotor is ideal for light materials, film and energy-absorbing plastics that will not shatter. For tougher materials or increased capacity, add an optional third, fixed bed knife. An extended rotor shaft also allows you to add a second flywheel for more powerful cutting.

### ■ **Adjustable rotor knives**

Adjustable knives provide a consistent and very tight gap between the rotating blade and stationary knives, maintaining a constant cutting circle even after knives have been sharpened.

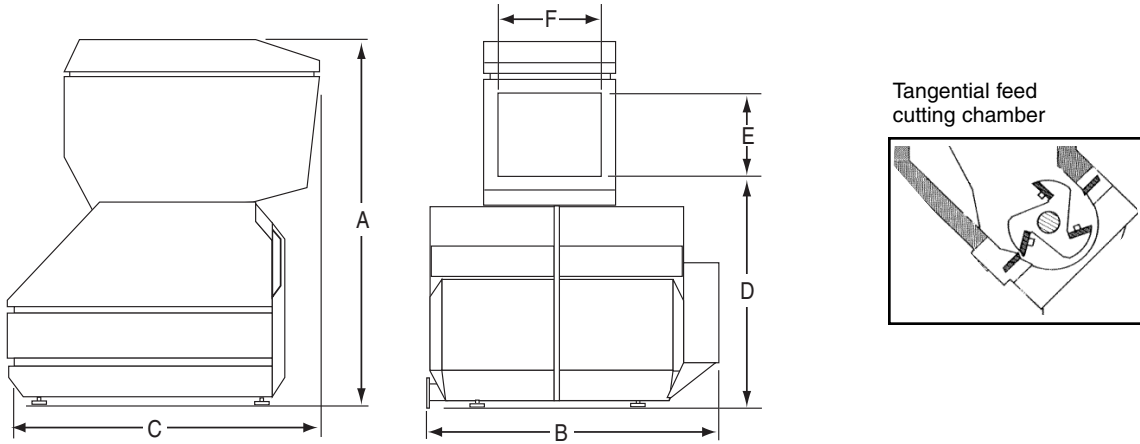
### ■ **Safe, easy access for cleaning**

The wide open access door, tilt-back hopper and removable screen cradle allow easy cleaning and maintenance from the front of the granulator. Safety limit switches ensure the rotor has stopped before the granulator can be opened.

**SPECIFICATIONS**

TANGENTIAL FEED GRANULATORS

**CK GRANULATOR MODELS**



MODELS	CK-2436		
<b>Performance characteristics</b>			
Maximum throughput* lb/hr {kg/hr}	2400 {1089}		
Cutter chamber opening in. {mm}	24 x 36 {600 x 900}		
Rotor speed rpm	420		
Rotor motor power† Hp {kW}	100 {74.6}		
Screen hole sizes	1/8, 1/4, 5/16, 3/8, 1/2, 5/8, 1 in. {4, 6, 8, 10, 12, 17, 25 mm}		
<b>Rotor</b>			
Rotor type	3-blade open		
Number of rotating knives	6		
Number of fixed knives	2 reversible		
<b>Dimensions</b> inches {mm}			
A - Height	107.3 {2725}		
B - Width	99.2 {2520}		
C - Depth	106.7 {2710}		
D - Feed tray height	68.9 {1750}		
E - Feed hopper opening height	23.6 {600}		
F - Feed hopper opening width	35.2 {894}		
<b>Weight</b> lb {kg}			
Installed	10374 {4715}		
Shipping	10874 {4932}		
<b>Voltages</b> Total amps based on motor size			
Motor power Hp	75 Hp	100 Hp	125 Hp
400V/3 phase/50 Hz	105.6	142.6	179.4
460V/3 phase/60 Hz	96.0	124.0	156.0
575V/3 phase/60 Hz	77.0	99.0	125.0
<b>Noise level</b> ‡			
With soundproofing	85 dbA		

**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 material testing or help determining the correct granulator model.

† Standard motor options. See voltage table for optional motor sizes.

‡ Noise level will vary according to material type 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.

