

CF814S MODEL



Model CF814S

LOW-COST, FAST DELIVERY, COMPACT DESIGN

The CF814S granulator is ideal for the processor who has small injection molding machines and wants a lot of value without spending a lot of money.

This quiet, energy efficient granulator conserves valuable floor space while producing quality regrind from robot-fed sprues, runners and small parts. This model features a tangential feed cutting chamber; a low-speed motor; and a staggered rotor with replaceable cassette knives.

OFF-THE-SHELF, QUICK-SHIP GRANULATOR

Designed for fast delivery and loaded with standard features; the CF814S model offers extraordinary value at a rock bottom price. Stock configuration includes our highly efficient staggered rotor that provides powerful cutting force by concentrating total granulation energy in one short knife at a time. Also included are gap-free throwaway knives, tangential cutting chamber, rotating end discs, and low-speed motor.

The CF814S model features throughput rates up to 200 lbs/hr respectively in a compact package designed to accommodate tight spaces and conveyor or robot drops. The CF814S granulator is painted Conair beige only.

Standard options are limited to a choice of screen size, vacuum tube size and motor voltage.

■ Low-speed rotor

The low-speed rotor decreases noise and fly back during operation and provides a better quality, consistent regrind.

■ Higher throughput, less dust

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

■ No knife resharpener needed

Eliminate the costly and time-consuming task of resharpener and resetting knives. This granulator uses cassette knives that are so economical they can be replaced when worn.

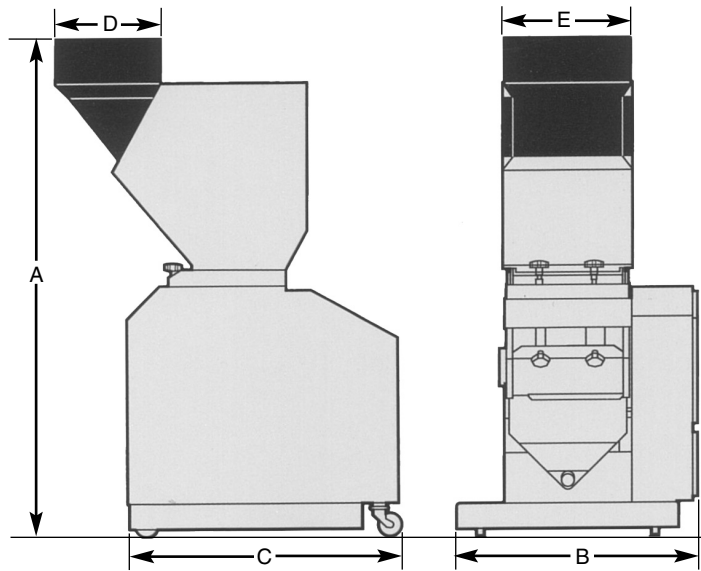
■ Safe, full-front access

Hinged components and drop-down screen cradle provide easy access to the cutting chamber and screen area for adjustment and cleaning. Integral limit switches prevent accidental operation during service or clean out.

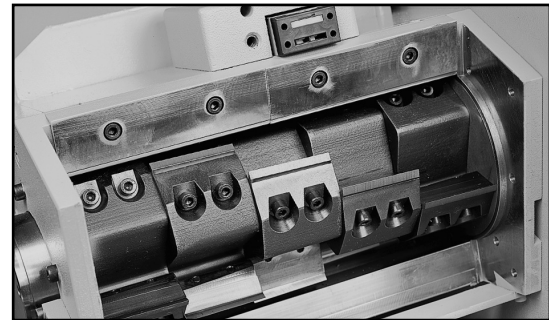
■ Reversible screen

Convenient lift-out screens are reversible for extended life.





MODELS	CF814S
Performance characteristics	
Maximum throughput* lb {kg}	up to 200 {90}
Cutting chamber in. {mm}	8 x 14 {200 x 355}
Rotor speed rpm	356
Motor power Hp {kW}	7.5 {5.6}
Screen hole sizes in. {mm}	5/32 - 3/16 - 1/4 - 5/16 {4 - 5 - 6 - 8 mm}
Drive type	Belt
Hopper type	Robot feed
Vacuum discharge side	Front
Rotor	
Rotor type	Staggered rotor
Cutting circle in. {mm}	7.88 {200}
Knives	
Number of rotating knives	9 (3 x 3)
Dimensions in. {mm}	
A - Height	64.5 {1640}
B - Width	31.75 {800}
C - Depth	44.5 {1130}
D x E - Hopper opening	14.25 x 13.5 {360 x 340}
Approximate weight lb {kg}	
Installed (approximate)	917 {416}
Shipping (approximate)	960 {435}
Voltages Approx. full load amps (Refer to motor nameplate)	
208/3 phase/60 Hz	24
230/3 phase/60 Hz	22
460/3 phase/60 Hz	11
575/3 phase/60 Hz	9



Staggered rotor with cassette knives

FEATURES

- No-tools access
- D2 tool steel knives
- No knife adjustment
- Allen Bradley starters
- Multiple safety interlocks
- Low infeed height
- Scissor-cut action knives
- Solid rotor pulley
- Caster mounted
- Low RPM motor
- Removable flaps
- Tilt-back hopper
- Drop-down screen cradle

SPECIFICATION NOTES:

* Throughputs are provided as a capacity guideline only. Throughput will be greater or lesser than the values shown according to the selected screen size and the shape, size, thickness and properties of the material to be cut.

Consult Conair for a material test or help determining the correct granulator model for your application.

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