

NC69S, NC614S, NC617S MODELS

Model NC614S

LOW-COST, FAST DELIVERY, COMPACT DESIGN

The NC model granulators are ideal for the processor who has small injection molding machines and wants a lot of value without spending a lot of money.

These quiet, energy efficient granulators conserve valuable floor space while producing quality regrind from robot-fed sprues, runners and small parts. These models feature tangential feed cutting chambers; low-speed motors; and staggered rotors with replaceable cassette knives.

OFF-THE-SHELF, QUICK-SHIP GRANULATORS

Designed for fast delivery and loaded with standard features; the NC models offer extraordinary value at rock bottom prices. 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.

NC models feature throughput rates from 80 to 140 lbs/hr in a compact package designed to accommodate tight spaces and conveyor or robot drops. The NC granulators are painted soft white 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 flyback 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 resharpening needed**

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

■ **Safe, tool-less, full-front access**

Hinged components and a drop-down screen cradle provide easy access to the cutting chamber and screen area for adjustment and quick cleaning. A single integral limit switch prevents accidental operation during servicing or clean-out.

■ **Reversible screen**

Convenient lift-out screens are reversible for extended life.

■ **Sealed hopper and vacuum bin design**

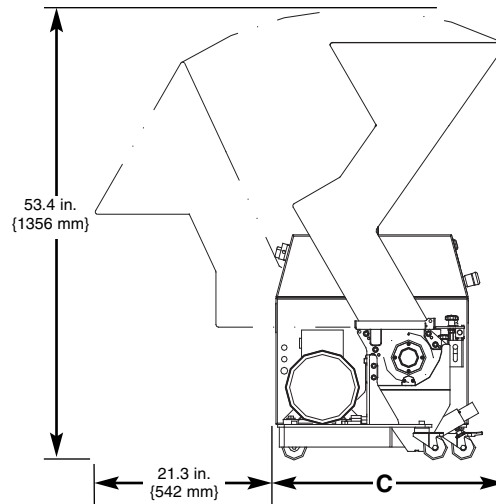
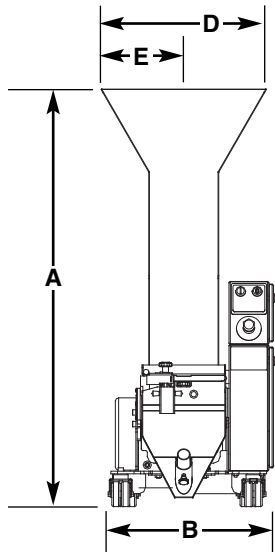
The sealed design of the hopper chamber and bin prevents material leakage.



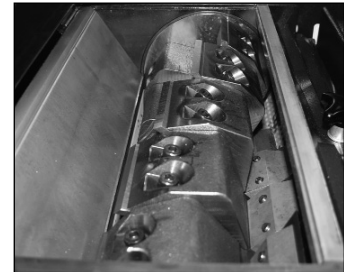
SPECIFICATIONS

METER FEED GRANULATORS

NC69S, NC614S, NC617S MODELS



MODELS	NC69S	NC614S	NC617S
Performance characteristics			
Maximum throughput* lb {kg}	up to 80 {36}	up to 120 {54}	up to 140 {64}
Cutting chamber in. {mm}	6 x 9 {150 x 230}	6 x 14 {150 x 335}	6 x 17 {150 x 432}
Rotor speed rpm	190	190	190
Motor power Hp {kW}	3 {2.2}	3 {2.2}	3 {2.2}
Screen hole sizes in. {mm}	5/32 - 3/16 - 1/4 - 5/16 {4 - 5 - 6 - 8 mm}	5/32 - 3/16 - 1/4 - 5/16 {4 - 5 - 6 - 8 mm}	5/32 - 3/16 - 1/4 - 5/16 {4 - 5 - 6 - 8 mm}
Drive type	Belt	Belt	Belt
Hopper type	Robot feed	Robot feed	Robot feed
Vacuum discharge side	Front	Front	Front
Rotor			
Rotor type	Staggered rotor	Staggered rotor	Staggered rotor
Cutting circle in. {mm}	5.9 {150}	5.9 {150}	5.9 {150}
Knives			
Number of rotating knives	9 {3 x 3}	15 {3 x 5}	18 {3 x 6}
Dimensions in. {mm}			
A - Height	49.5 {1260}	49.5 {1260}	49.5 {1260}
B - Width	20.0 {508}	25.0 {635}	28.0 {712}
C - Depth	24.5 {623}	24.5 {623}	24.5 {623}
D x E - Hopper opening	19.5 x 20 {580 x 495}	19.5 x 25 {580 x 635}	19.5 x 28 {580 x 712}
Approximate weight lb {kg}			
Installed	353 {160}	441 {200}	485 {220}
Shipping	428 {194}	516 {234}	560 {254}
Voltages Approx. full load amps (Refer to motor nameplate)			
208/3 phase/60 Hz	5	5	5
230/3 phase/60 Hz	4.4	4.4	4.4
400/3 phase/50 Hz	5.2	5.2	5.2
460/3 phase/60 Hz	2.2	2.2	2.2
575/3 phase/60 Hz	1.8	1.8	1.8



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
- 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.

