

NCR BESIDE-THE-PRESS MODELS



Model NCR614

EXCEPTIONAL VALUE IN A COMPACT, QUIET DESIGN

NCR Series granulators are ideal for the processor who has small injection molding machines and wants a lot of value in a small package.

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

STAGGERED ROTOR FOR EFFICIENT CUTTING ACTION

The staggered rotor, combined with a low-speed motor, offers cleaner, quieter cutting and uses less energy.

A staggered rotor design produces more cuts per revolution, resulting in higher throughput. Smaller bites reduce the chance of jamming or shearing. The scissor-cutting action of slanted cassette rotor knives produces superior quality regrind.

NCR models feature rotor speeds of 190 to 225 rpm and throughput rates up to 140 lb/hr in a compact package.

The NCR models standard features include: a constant cutting circle, staggered rotor, a case-hardened cutting chamber, cassette knives, rotating end disc, dust tight construction, neoprene casters and a sound-proof hopper.

■ Low-speed rotor

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

■ Higher throughput, less dust

The tangential feed chamber, combined with scissor-cutting, slant-knife technology, 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. NCR 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 service or clean out.

■ Reversible screen

Get extended life with reversible screens.

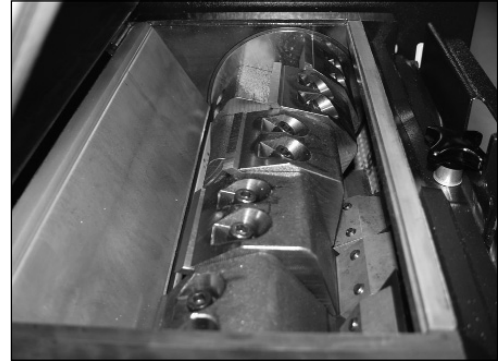
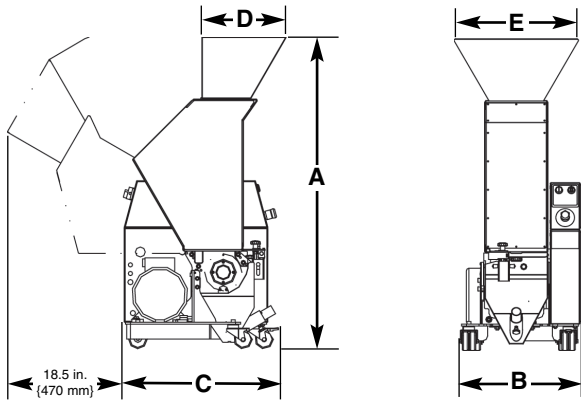
■ Sealed hopper and vacuum bin design

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



NCR BESIDE-THE-PRESS MODELS

Standard staggered rotor with cassette knives and case-hardened chamber.



MODEL	NCR69	NCR614	NCR617			
Performance characteristics						
Maximum throughput* lb/hr {kg/hr}	Up to 80 {36}	Up to 120 {54}	Up to 140 {64}			
Cutter chamber opening in. {mm}	6 x 9 {150 x 230}	6 x 14 {150 x 355}	6 x 17 {150 x 430}			
Rotor speed rpm (3 Hp motor)†	190	190	190			
Rotor speed rpm (5 Hp motor)†	225	225	225			
Motor power Hp {kW}	3 (optional 5 Hp)	3 (optional 5 Hp)	3 (optional 5 Hp)			
Screen hole sizes in. {mm} 7/64, 10/64, 13/64, 15/64 or 20/64 {3, 4, 5, 6, or 8}						
Rotor						
Rotor type	staggered	staggered	staggered			
Number of rotating knives	9 (3 x 3)	15 (3 x 5)	18 (3 x 6)			
Number of fixed knives	2	2	2			
Dimensions in. {mm}						
A - Height	49.5 {1257}	49.5 {1257}	49.5 {1257}			
B - Width	20.0 {508}	25.0 {635}	28.0 {711}			
C - Depth	24.5 {622}	24.5 {622}	24.5 {622}			
D x E - Hopper opening	13 x 19.5 {330 x 495}	13 x 25 {330 x 635}	13 x 28 {330 x 711}			
Weight lb {kg}						
Installed	350 {131}	440 {164}	485 {181}			
Shipping	425 {193}	515 {234}	560 {254}			
Voltages Total amps based on motor size						
	3 Hp	5 Hp	3 Hp	5 Hp	3 Hp	5 Hp
208V/3 phase/60 Hz	5	7.3	5	7.3	5	7.3
230V/3 phase/60 Hz	4.4	6.6	4.4	6.6	4.4	6.6
400V/3 phase/50 Hz	5.2	8.2	5.2	8.2	5.2	8.2
460V/3 phase/60 Hz	2.2	3.3	2.2	3.3	2.2	3.3
575V/3 phase/60 Hz	1.8	2.6	1.8	2.6	1.8	2.6

SPECIFICATION NOTES:

* Throughput rates are provided as a capacity guideline only. Throughput will vary according to 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.

† The 3 Hp motor is standard on all three models, an optional 5 Hp motor is available.

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

OPTIONS

- High-level visual alarm
- Blower systems
- 208/575V controls
- Manual bin
- High base for larger capacity bin
- “Z” hopper for lower feed height
- Manual bin