



Model NCF 819

LESS FLOOR-SPACE; GREATER VERSATILITY

Conair's NCF Series super-tangential granulators have footprint dimensions at least 30% smaller than many other granulators with similar capabilities. The cutting chamber configuration is ideal for handling lightweight bulky parts such as bottles, but also produces clean uniform granulate from runners and small parts. Different hopper designs and rotor/knife choices are available to maximize performance with a wide variety of scrap types.

A tilt-back hopper and drop down screen cradle provide easy access to the cutting chamber for maintenance and cleaning. These features contribute to increased productivity and reduced downtime. An optional sound attenuation package also makes the NCF Series quieter than other small granulators.

EASY MAINTENANCE; EXCELLENT PRODUCTIVITY

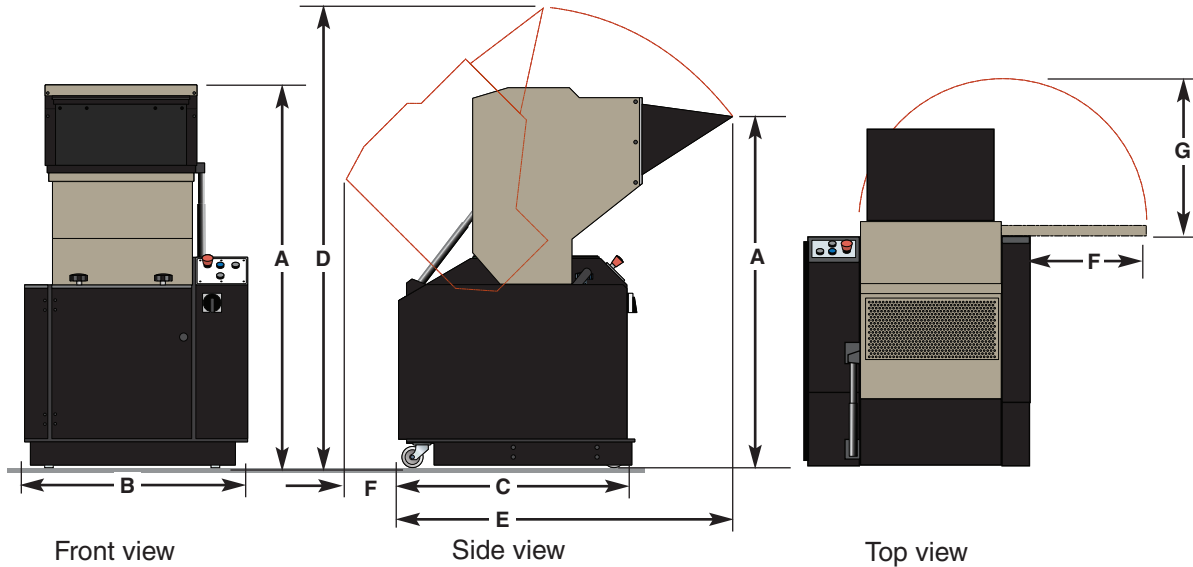
The super-tangential chamber design ensures that the rotor grips bulky scrap on the downward stroke, drawing it into the knives and preventing it from bouncing on the rotor. Standard tangential and straight-drop infeed configurations are also available. The rotor itself can be open with three rows of double-angled knives for a clean scissor cut with minimum heat generation.

For tougher materials, a solid rotor can be equipped with three rows of up to five cassette knives in a staggered array. Cassette knives allow for quick and easy knife changes and minimize downtime for service and maintenance. The knives require no adjusting to maintain a consistent knife gap for improved cutting quality.

- **Reduced energy costs**
The rotor blade configuration and low speed rotation significantly minimize energy consumption.
- **Quality regrind**
The unique cutting action produces consistent quality regrind.
- **Constant cutting circle**
The unique, integrated rotating shaft end-plates of the cutter assembly eliminate frictional heat and minimize dust and fines. Rotor knives adjust outward to the stationary bed knives and screen, eliminating screen clogging, even with the toughest applications.
- **Simplified clean out and maintenance**
Conair's innovative NCF cutting chamber features a drop-down cradle. Rotor access is straight-in versus from underneath, greatly simplifying clean out and blade maintenance, saving you time and money.
- **Highly-effective gripping and cutting of bulky parts**
An improved super-tangential cutter housing design is ideal for lightweight bulky items such as bottles, and containers.
- **Extended screen life**
The convenient lift-out screens are reversible for extended life.

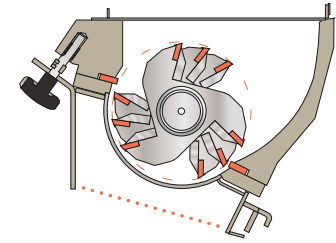


SPECIFICATIONS

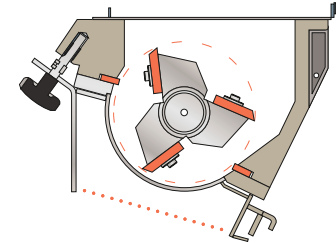


MODELS	NCF-810	NCF-814	NCF-819	NCF-824
Performance characteristics				
Rotor diameter inches {cm}	8.0 {20.3}			
Cutter house configuration	super-tangential/ tangential 3-blade with 3rd bed knife/ tangential 3-blade			
Rotor type	staggered (standard), open (optional)			
Rotor speed rpm	260 (optional 400, 840)			
Rotating knives				
Staggered configuration	3 x 2	3 x 3	3 x 4	3 x 5
Open configuration	3 x 2	3 x 2	3 x 2	3 x 2
Hopper inlet inches {cm}	9.5 x 8.0 {24.1 x 20.3}	14.0 x 8.0 {35.6 x 20.3}	19.0 x 8.0 {48.3 x 20.3}	24.0 x 8.0 {61.0 x 20.3}
Motor standard Hp {kW}*	5 {3.7}	7.5 {5.6}	7.5 {5.6}	7.5 {5.6}
Maximum throughput capacity† lbs {kg}	165 {75}	220 {100}	325 {147}	450 {204}
Dimensions inches {cm}				
A - Height	58.00 {147.32}	58.00 {147.32}	58.00 {147.32}	58.00 {147.32}
B - Width	26.00 {66.04}	30.00 {76.20}	35.00 {88.90}	43.00 {109.22}
C - Depth	35.50 {90.17}	35.50 {90.17}	35.50 {90.17}	35.50 {90.17}
D - Clearance height	68.50 {173.99}	68.50 {173.99}	68.50 {173.99}	68.50 {173.99}
E - Overall depth	53.50 {135.89}	53.50 {135.89}	53.50 {135.89}	53.50 {135.89}
F - Side clearance (door swing)	8.25 {20.96}	13.00 {33.02}	17.75 {45.09}	22.50 {57.15}
G - Front clearance (door swing)	13.00 {33.02}	17.75 {45.09}	22.50 {57.15}	27.00 {68.58}
Rear clearance	10.00 {25.40}	10.00 {25.40}	10.00 {25.40}	10.00 {25.40}
Weight‡ lb {kg}				
Installed	1100 {499}	1200 {544}	1400 {635}	1650 {748}
Shipping	1300 {590}	1400 {635}	1650 {748}	1900 {862}

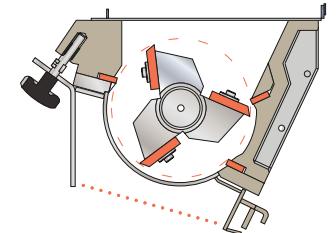
CUTTER HOUSING CONFIGURATIONS



Super-tangential with staggered rotor



Tangential with open 3-blade rotor



Tangential with open 3-blade rotor/3rd bed knife

SPECIFICATION NOTES:

- * Optional available motors are 5 Hp {3.7 kW}, 7.5 Hp {5.6 kW}, 10 Hp {7.5 kW}, and 15 Hp {11.2 kW}.
- † 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.
- ‡ Weight is estimated and will vary based on configuration.

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

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

