



# AUGER SERIES

Auger-Fed Granulators



## Technical Specifications

Cumberland Auger-fed granulators feature a low profile design with an exclusive screen drawer and hinged lid, which provide complete chamber access for quick, easy cleanout. The slant chamber design provides tangential feed from 3 plate molds, robots/sprue pickers, or parts separators. A full range of options are available to meet a variety of scrap recovery needs.

Custom engineering and design services are available to analyze and provide specific designs when necessary, such as arrangements for robot or separator interface. Our fully equipped Customer Service Laboratory is available for testing and application assistance.

## Features

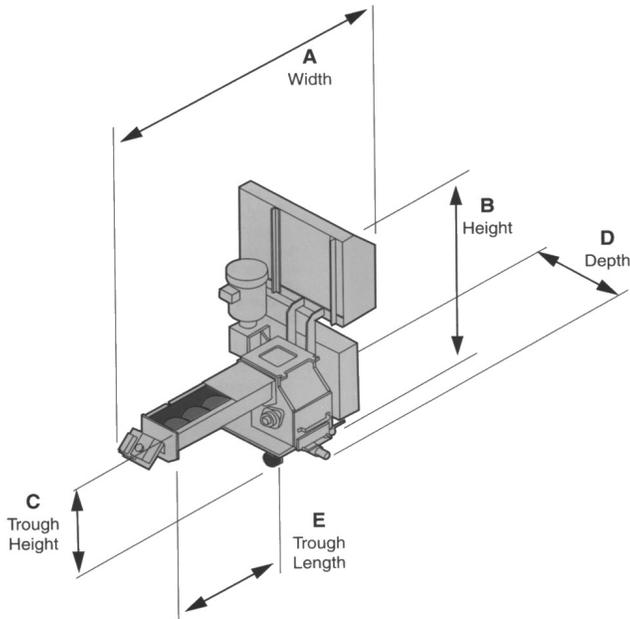
### Standard Features

- IEC motor controls installed in ergonomic NEMA 12 enclosure
- Sequenced starting with individual start/stop pbs with status lights
- Auger reversing drum switch
- Hinged chamber access lid with clear viewpoint
- Gear reducer and chain/sprocket auger drive
- Multiple V-belt rotor drive
- Electro-mechanical interlocks for chamber access
- Full range of guarded infeed chutes to suit applications
- Auger speed is 70RPM torque applications

### Optional Features

- Leg extensions
- Oversized collection bin
- Bin level monitor
- RPM counter
- Scissor cut knife arrangement
- Wear/abrasion resistance
- Reduced auger speed
- Increased or decreased auger length
- Standard or custom engineered auger

## Dimensions



Model	A	B	C	D	E
6x8	55"	49.25"	18"	28"	20.75"
8x12	81.5"	57"	25.25"	34.5"	43.5"
12x16	87.5"	68.5"	32.25"	48"	44"

Dimensions shown are approximate and subject to change without notice.

## Specifications

Model	Cutting Circle	Throughput	Motor HP	Auger Feed Opening*	Ship Weight
6x8	6" (152mm)	175 lbs/hr (79kg)	3-5 HP (2.2-3.7kW)	7" x 14" (178 x 356mm)	650 lbs. (295kg)
8x12	8" (203mm)	250 lbs/hr (113kg)	5 HP (3.73kW)	10" x 24" (254 x 610mm)	1300 lbs. (590kg)
			7.5 HP (5.59kW)		
12x16	12" (305mm)	450 lbs/hr (204kg)	10 HP (7.46kW)	15" x 27" (381 x 686mm)	2400 lbs. (1089kg)
			15 HP (11.18kW)		

\*Auger-Fed granulators must be guarded to prohibit inadvertent access to the moving auger. For outside of the press applications, the auger feed chutes dimensioned above provide minimum operator-safe distances from point of feed. Customer furnished chutes must adhere to these minimum dimensions. For interface to conveyors, separators, or other outside of the press equipment, consult factory for specific recommendations.