HEAVY DUTY SERIES
Granulators

Technical Specifications

Cumberland Heavy Duty Granulators are designed for the most demanding applications. From low density fiber to heavy purgings, Cumberland's largest granulators are ready to tackle your high-capacity size reduction needs. With a broad range of models and options, the Heavy Duty Series Granulators are designed with large throughput processes in mind. The toughest granulators on the market are ready to take on your toughest applications.

Features

B Series

- High shear rotor design maximizes every cut
- Precision machined internal surfaces maximize material flow
- Outboard mounted bearings reduce contamination risk and support maintenance
- Multiple safety features built in every unit

C Series

- Dual flywheel high torque design takes on the hardest materials
- Split chamber supports faster cleanout times
- Twinshear knife design makes every cut more efficient, consuming less energy
- Reinforced heavy duty screen cradle stands up to tough applications

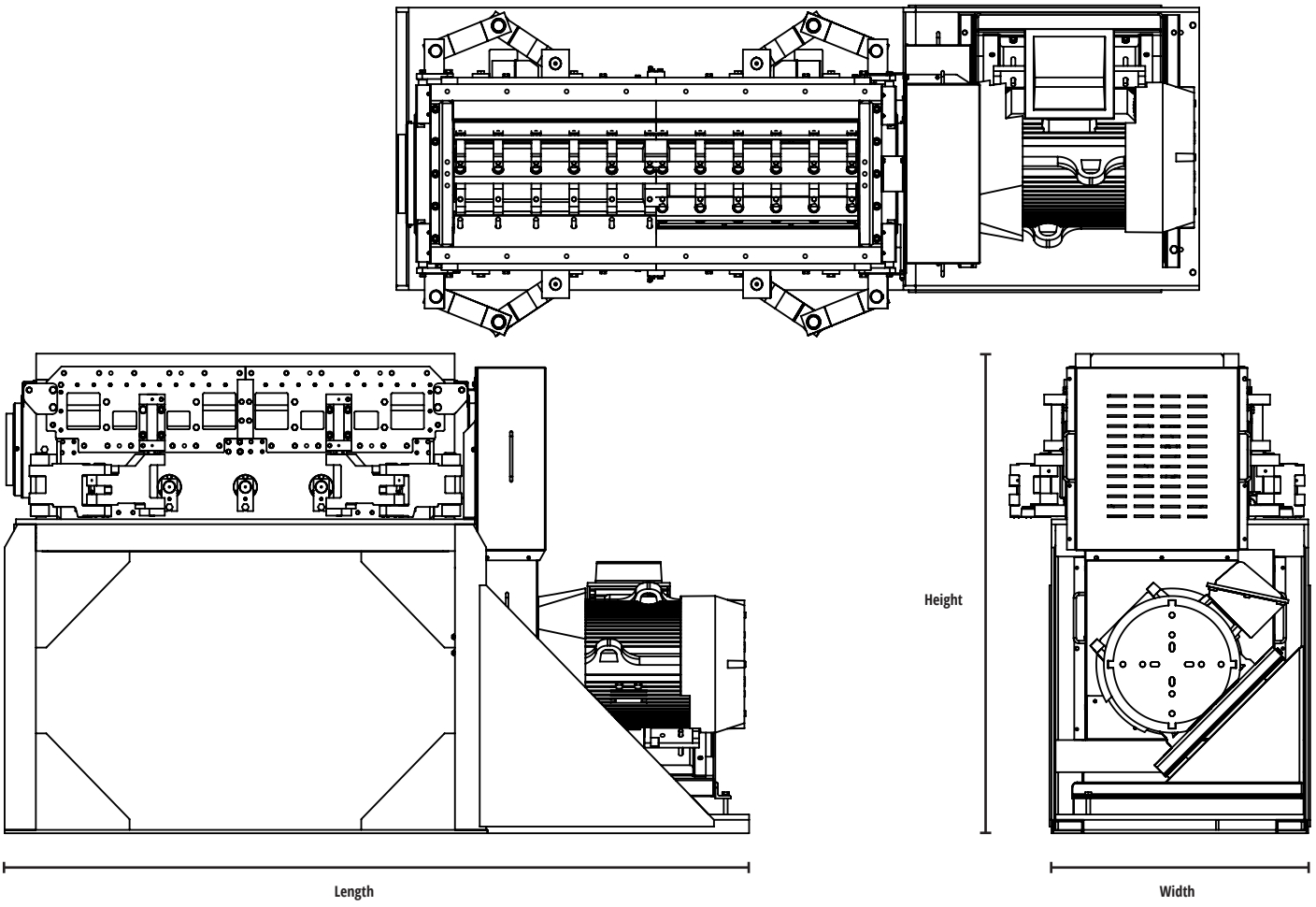
3200 Series

- Deep welded and precision machined cutting chamber for the toughest production jobs
- Slide out pivoting discharge assembly for easier cleanout
- Hydraulic actuation system for hopper and cradle opening supports safety
- Programmable service cycle ensures proper bearing lubrication
- Replaceable rotor-knife seats

Typical Applications

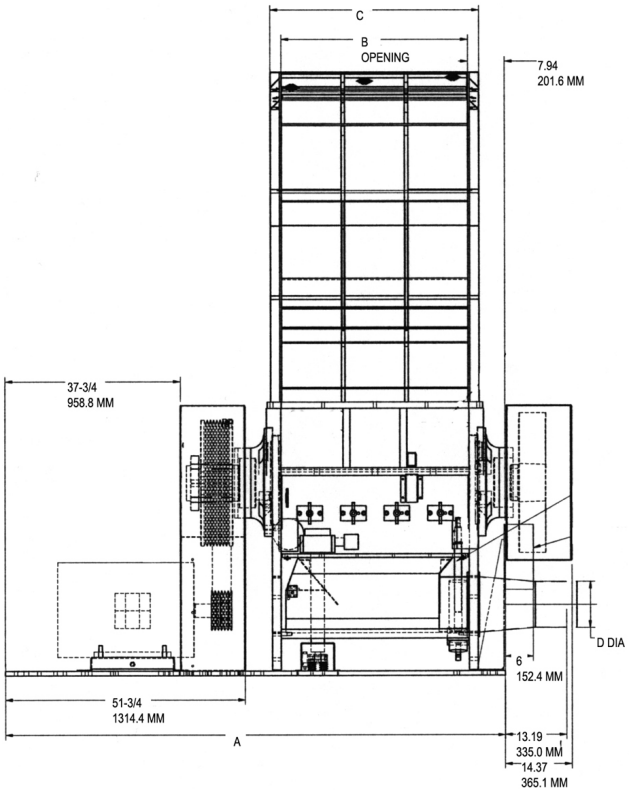
- Large scale processing of the hardest materials in the most challenging shapes
- Tire recycling
- Cast blocks and purgings, including ABS
- Nylon, polypropylene, polycarbonate, acetate, and many more

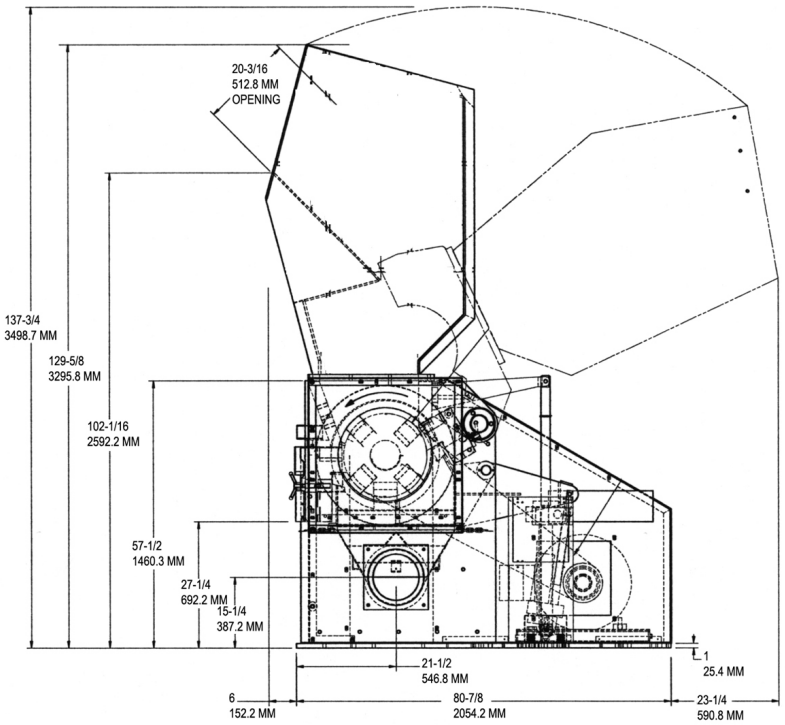
B Series



Model	Cutting Chamber	Infeed Height	Throughput	Standard Motor	Dimensions (W x L x H)	Weight
37B	18" x 37" (45.7cm x 94cm)	104" (2641mm)	2500 lbs/hr (1136 kg/hr)	100 HP	135" x 46" x 127" (3429mm x 1168mm x 3226mm)	11,000 lbs (5000 kg)
50B	20" x 50" (51cm x 127cm)	112" (2845mm)	3500 lbs/hr (1591 kg/hr)	150 HP	140" x 46" x 164" (3556mm x 1168mm x 4166mm)	15,000 lbs (6818 kg)

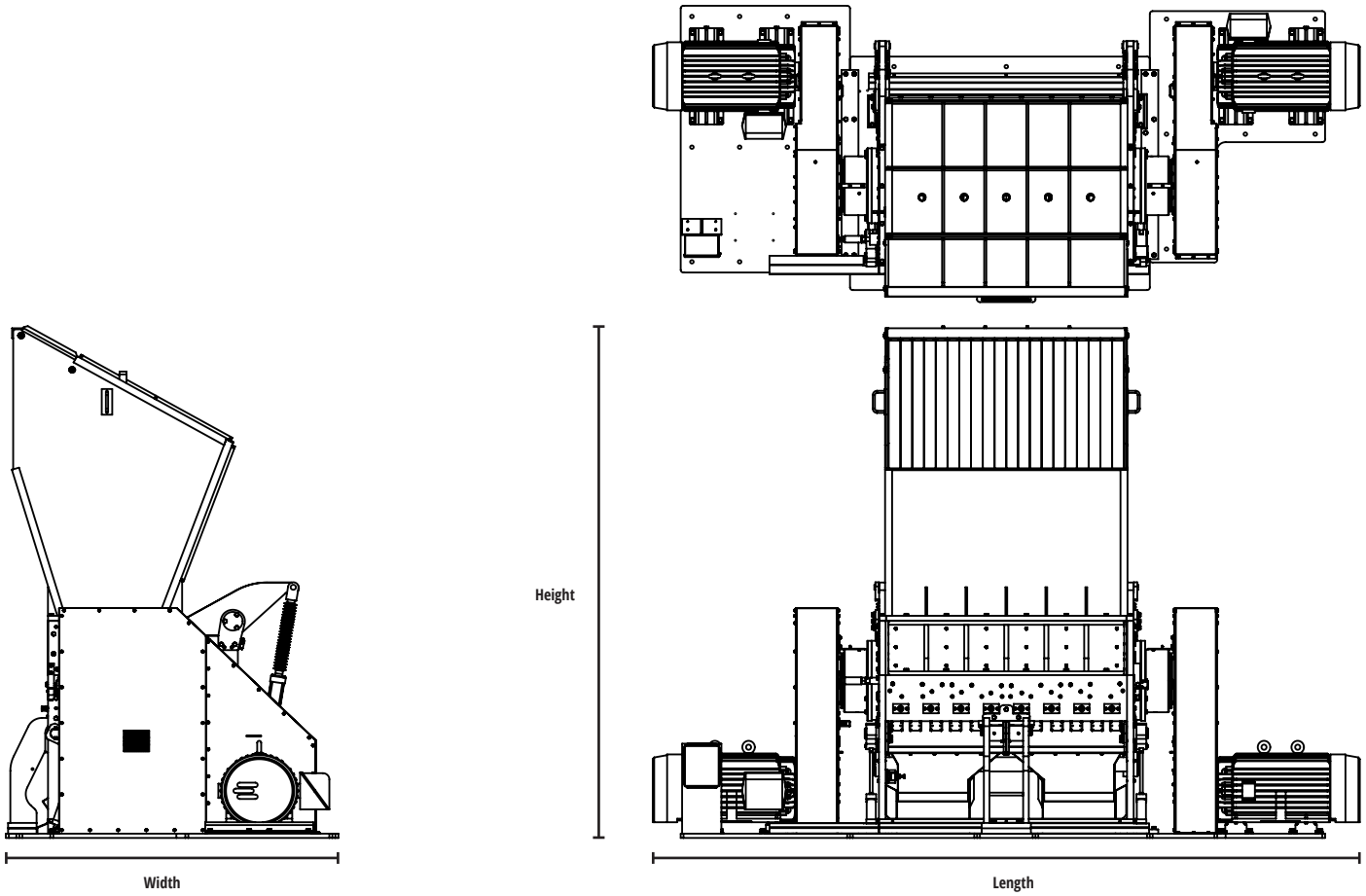
C Series





Model	Cutting Chamber	Infeed Height	Throughput	Standard Motor	Dimensions (W x L x H)	Weight
C1000	20" x 40"	102" (2591mm)	2500 lbs/hr (1136 kg)	100 HP	126" x 87" x 122" (3200mm x 2210mm x 3099 mm)	14,000 lbs
C1400	20" x 56"	102" (2591mm)	3500 lbs/hr (1591 kg/hr)	150 HP	143" x 87" x 122" (3632mm x 2210mm x 3099mm)	17,000 lbs

3200 Series



Model	Cutting Chamber	Infeed Height	Throughput	Standard Motor	Dimensions (W x L x H)	Weight
3263	32" x 63" (81.3cm x 160cm)	129" (3277mm)	10,000 lbs/hr (4536 kg/hr)	200 HP	171" x 91" x 203" (4343mm x 2311mm x 5156 mm)	40,000 lbs (18181 kg)
3284	32" x 84" (81.3cm x 213.4cm)	129" (3277mm)	13,000 lbs/hr (5400 kg/hr)	250 HP	192" x 91" x 203" (4877mm x 2311mm x 5156 mm)	50,000 lbs (22679 kg)