

BRUNETTE BioSizer®

High Speed Secondary Grinder



PERFORMANCE | RELIABILITY | RECOVERY

BRUNETTE
MACHINERY CO.

BRUNETTE BioSizer®

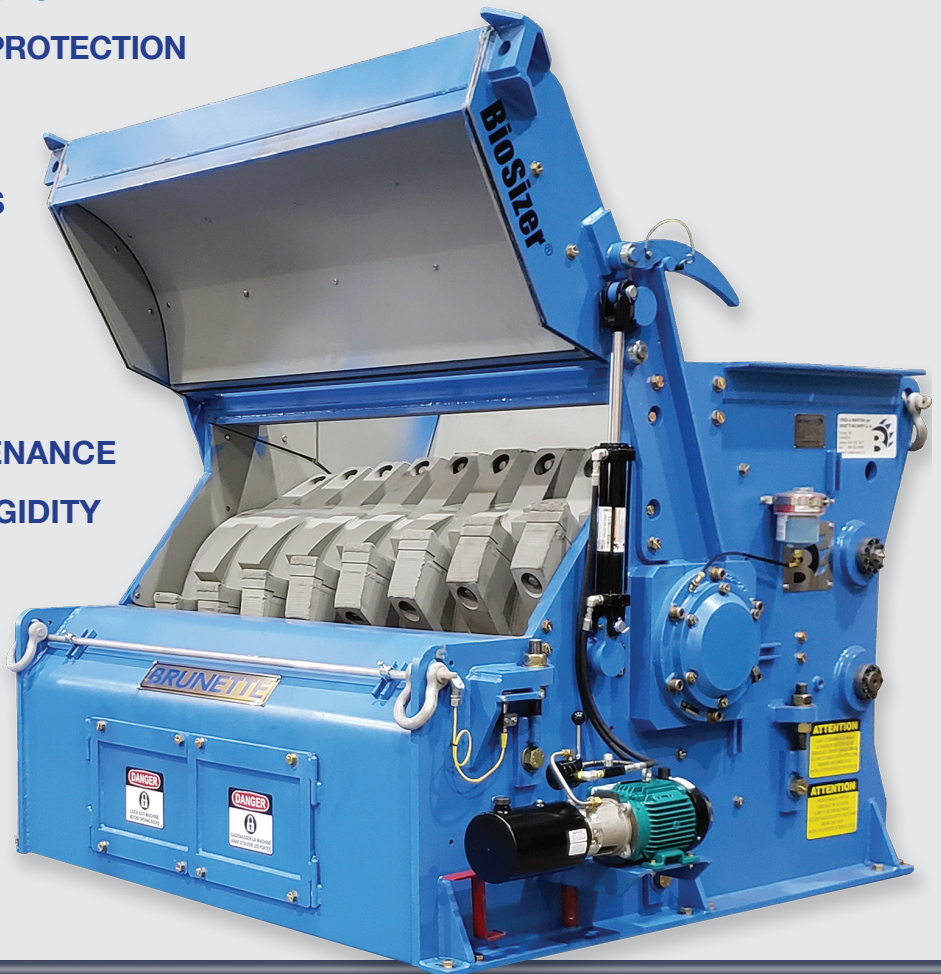
The Brunette BioSizer® is specifically designed to produce a fine uniform sized product ideal for the biomass industry. This rugged high speed secondary grinder is ergonomic and user-friendly.

Built to be low maintenance, the Brunette BioSizer has a high inertia rotor and fixed, steel hammers. The four rows of staggered hammers provide maximum bites per revolution. The extreme duty main frame is line-bored for accuracy and protected with internal bolt-on replaceable wear liners

The three-piece grate has a progressive rectangular hole pattern and interchangeable sections. It can easily be changed out to other hole patterns to suit required product size.

This solid wastewood grinder efficiently processes various material such as oversized “bush-grind” hog fuel, trim blocks, bark, wood chips, and typical urban wood waste: converting it all to uniformed sized fibres suitable for pellets, briquettes or high quality biomass fuel.

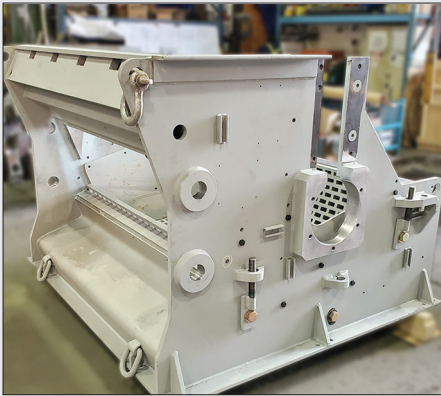
- HIGH SPEED GRINDING
- FIXED STRIKER, HIGH INERTIA ROTOR
- SWING AWAY ANVIL WITH SHEAR PROTECTION
- THREE PIECE GRATE WITH INTERCHANGEABLE SECTIONS
- REPLACEABLE INTERNAL LINERS FOR ABRASION RESISTANCE
- STEEL HOUSING FOR LONG LIFE
- HEAVY-DUTY FABRICATION
- LINE-BORED FOR MAXIMUM BEARING LIFE AND EASY MAINTENANCE
- ROBUST DESIGN FOR BETTER RIGIDITY
- ACCURATE SIZE REDUCTION
- DESIGNED TO PROCESS A VARIETY OF MATERIALS
- LARGE REAR-ACCESS DOOR
- SAFETY INTERLOCKS



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HIGH SPEED SECONDARY GRINDER

Take control of your fibre supply
with the BRUNETTE BioSizer

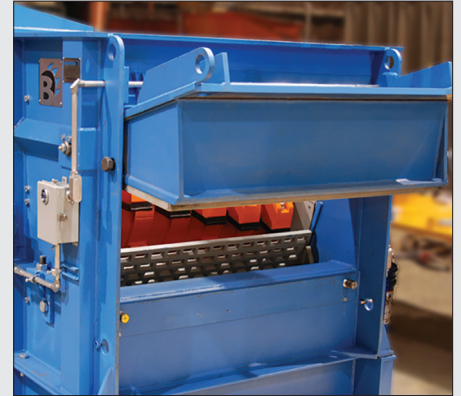


◀ MAIN FRAME

The main frame is line bored for accuracy and alignment. Internal wear surfaces are covered with easy to replace bolt-on liners

ANVIL ASSEMBLY ▶

The extra heavy duty swing-away anvil comes complete with bolt-on-liner and is shear pin protected in the event tramp metal enters the grinder

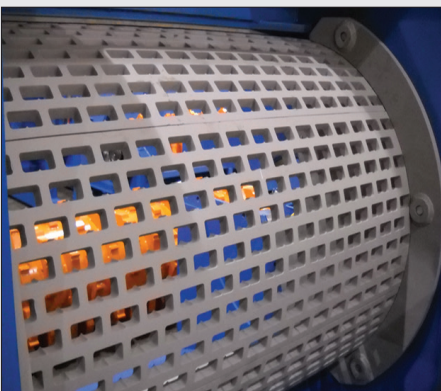
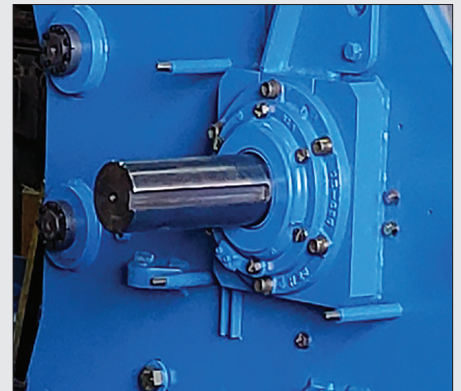


◀ HIGH SPEED ROTOR

The high inertia rotor is manufactured from steel segments with off-set lobes, which carry a two-sided tungsten carbide coated striker bar

ARBOR ASSEMBLY ▶

The rotor is mounted with B-Loks onto an oversized shaft supported by spherical bearings and installed in a spigot mounted steel bearing housing.



◀ SCREENS

The screen is manufactured with three interchangeable sections. Screens are available with optional hold patterns to vary product output size

CHIPS ▶

Rotor RPM and screen size can be adjusted to produce a customized product suitable to your needs



PERFORMANCE ENGINEERED • SIMPLE EFFECTIVE GRINDING

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BRUNETTE BioSizer®

High Speed Secondary Grinder

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FLARE BUTT REDUCERS

OPTICAL BELT SCALES

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ROTARY DEBARKERS

LOG SINGULATORS®

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DRUM CHIPPERS

LOG SWEEPS

BIOSIZERS

HOGS



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