

# 4800 SERIES PORTABLE GRINDER

## GRINDER APPLICATIONS

- Animal Bedding & Feed Production
- Wood Waste Reduction (Mulch)
- Recycling & Particle Reduction
- Landscaping & Yard Waste
- Sugar Cane Processing
- Composting
- C&D
- Pallet Grinding
- Shingle Recycling
- EFB Processing

## *We have proudly served the following Industries...*

- Small to Medium Sized Municipalities
- Composting Operations
- Landscaping
- Agriculture
- Forestry
- Arborists
- Nurseries
- Animal Bedding & Feed
- Construction & Demo



## 4800 SERIES PORTABLE GRINDER

For over 30 years, Sundance Grinders has addressed the needs of small to medium sized biomass and recycling operations by supplying a portable, dependable, and affordable solution for their grinding needs.

At the heart of the 4800 grinding system is its heavy duty hammer mill, equipped with 48 specially designed hammers that pass through two sets of adjustable fingers, which ensure a consistent and reliable particle size. This unique screen-less design allows difficult, hard to grind material, such as fibrous and wet organic waste to pass effortlessly through the grinder, minimizing maintenance and downtime. Our specialized hammers are heat treated & hardened to provide exceptional durability & longevity. The 32" hammer mill assembly is powered by a turbo diesel Kubota engine, enabling it to process up to 15 tons of biomass material per hour.

### Additional Options Include:

- Conveyor feed Option
- Quick Exit Discharge
- 8" Discharge Extension
- Wireless Controller
- Fire Extinguisher

1-800-570-3551 | FAX: 888-223-2706

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3079 BRICKHOUSE COURT | VIRGINIA BEACH, VA 23452



**Sundance**  
**GRINDERS**



# 4800 SERIES PORTABLE GRINDER



## 4800 DIMENSIONS & SPECIFICATIONS

Overall Length (hitch extended)..... 22' / 6.7 m  
Overall Width..... 96" / 2.4 m  
Overall Height ..... 100" / 2.54 m  
Loading Height (top of flare)..... 48" / 1.22 m  
Hopper Width (floor)..... 24" / 610 mm  
Hopper Width (top of flare)..... 40" / 1m  
Hopper Length (top of flare)..... 90" / 2.3 m

### WEIGHT

Gross ..... 9,900 lbs. / 4500 kg

### ROTOR

Diameter ..... 32" / 813 mm  
Bearings..... 2 1/2" / 63.5 mm  
Shaft..... 3" / 76.2 mm  
Hammers..... 48, W 1/2"/12.7 mm  
Rotor Width..... 25" / 635 mm  
Mass/Weight (w/Hammers)..... 1730 lbs / 785 kg  
Hammer Pins..... 4 - 1 1/4" / 31.75 mm  
Rotor Speed..... 1950 rpm

### PRODUCTION CAPACITY

Typical Yard Waste ..... up to 18-20 tons per hour  
Wood Waste ..... up to 6.5-7 tons per hour  
Wood Grinding Diameter..... up to 8" / 200 mm  
Feed Roll Speed..... 0-30 rpm  
Discharge Distance..... Up to 25' / 7.6 m  
Discharge Direction..... 360 degrees

### ENGINE SPECS

Model.....Kubota V3800 Series Turbo Charged  
Liquid Cooled Diesel  
Power.....74 kW / 99 hp  
Torque.....325 ft-pd / 240 Nm @ 1600rpm  
Emissions ..... Tier 3/Stage III A Emissions  
Clutch .....Twin Disc – Over Center

### HYDRAULIC SYSTEM

Pump .....45 L/12 gpm @ 2100 rpm  
Reservoir Capacity..... 98 L/26 Gallon  
Pressure Gauge..... Standard  
Relief valve..... Standard Fuel  
Fuel Tank..... 170 L/45 gallons  
Fuel Consumption (approximate)..... 15 L/hr/3 gph

### TRAILER PACKAGE

- Tandem Torflex Axles rated at 2722 kg/6000 lbs each
- Electric Brakes Both Axles
- DOT Compliant LED Trailer Lights
- Breakaway Brake Control
- Fully Adjustable and Removable Tongue

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