

# PROGRIND™ 2000



## Industry Leading Performance for Effective Wood Waste Management



The ProGrind 2000 is designed for ease of use and maintenance with

- Hydraulic coupler and self-adjusting clutch
- Tilt tub with no-bolt screens
- Shock resistant hammermill with 12.2 lb. cast steel hammers

Whether you're converting green waste into compost, grinding pallets for decorative bedding material or processing bark mulch, the ProGrind 2000 delivers the power you need for effective wood waste management.



### Knuckleboom Loader

The ProGrind 2000 is available with an integral loader to assist in handling and placing material. The loader cab is hydraulically raised and rotates with the grapple, for the comfort and convenience of the operator. This unit is configured with a 450 hp diesel engine. A 24-foot conveyor is standard equipment. Cab features include a protective windshield screen, defroster, fan, sunroof, and optional air conditioning.

## SPECIFICATIONS

### GENERAL DIMENSIONS

TRANSPORT LENGTH	42' 0" [12.8 m]	5th wheel with 24' [7.32 m] conveyor
TRANSPORT HEIGHT	13' 4" [4.11 m]	
LOADING HEIGHT	9' 4" [2.9 m]	
WIDTH	10'-2" [3.11 m]	(8' 6" [2.95 m] w/flares removed for transport)
WEIGHT	25,300 lbs. [11,478 kg]	
AXLE WEIGHT	20,000 lbs. [9,072 kg]	
TONGUE WEIGHT	5,300 lbs. [2,404 kg]	approximately

### DIESEL ENGINE

MODEL	Caterpillar or Cummins
HORSE POWER	390 to 450
AIR CLEANERS	Donaldson Dry Type
FUEL CAPACITY	120 gal. [454 l]
ENGINE LOCATION	Located 6' 6" [1.98 m] from tub to prevent contamination from debris

### DRIVE TRAIN

CLUTCH	Twin Disc 14" [35.56 cm]
FLUID COUPLER	Transfluid
DRIVE SHAFT	Spicer 1810
FINAL DRIVE	1:1, 2100 RPM

### HAMMERMILL

OPENING	25 7/16" x 45 5/8" [64.6 cm x 116 cm]
LENGTH	44 5/16" [112.55 cm]
DEFLECTOR	1/2" [12.7 mm] Thick T-1 Steel Thrown Object Deflector
DIAMETER	16 7/8" [42.86 cm] OD with 9" [22.86 cm] Diameter Center
SHAFT	5" [12.7 cm] Diameter Hardened Alloy Steel
MILL PLATES	2" [5 cm] Thick, Machined to 1 7/8" [4.80 cm] in hammer swing area
HAMMERS	12 1/2 lb. [5.76 kg] flail hammer
HAMMER SWING DIA.	26 1/4" [66.68 cm] diameter
HAMMER RODS	(12) 1 1/2" [3.81 cm] case Hardened Alloy Steel
BEARINGS	3 7/16" [8.73 cm] Double Row Spherical
SCREENS	(2) 3/4" [1.91 cm] Thick, 2,405 sq. in. [1.56 sq. m]

### TUB

WIDTH	10' 2" [3.11 m]
INSIDE WIDTH	8'-0" [2.44 m]
TUB FLARES	(2) Removable sections. Located 180 degrees apart to allow legal transport on public roadways.
DEPTH	4' 0" [1.22 m]
LOADING HEIGHT	9' 4" [2.9 m]
WALL THICKNESS	3/16" [4.75 mm] steel with (8) 3/16" [4.75 mm] stiffeners welded vertically to support tub and flares.
FIN AGITATORS	(8) 3/8" x 3" [9.53 mm x 76.2 mm]
FLOOR THICKNESS	3/8" [9.53 mm] plate.
TUB GUIDES	(8) guide rollers
TUB DRIVE	18,000 in. lbs. [2,034 nm] of Torque. Overload protected hydraulic motor, 4:1 Planetary Gearbox: Triple 60 Chain

LOAD SENSOR	Electro-hydraulic. Maximize engine RPM and material feed rate to help prevent clogging. Automatic reversing of tub when engine overloads.
TUB ROTATION	Variable speed forward and reverse up to 7 1/2 RPM by means of a flow control located in control panel.

### DISCHARGE SYSTEM

DISCHARGE AUGERS	Dual 12" [30.48 cm] diameter augers are hydraulically driven
STACKING CONVEYOR	24' 0" [6.10 m] long. 30" [76.2 cm] wide: 14'-0" [4.27 m] stacking height.

### CONTROL PANEL

CONTROLS	Ignition, Engine Speed, Tub Controls, Auger/Conveyor Controls, Table Raise/Lower
GAUGES	Engine Temp, Engine Oil Pressure, Voltmeter, Fuel Gauge, Tach/Hourmeter, Tub Pressure Gauge, Auger Pressure Gauge

### OPTIONAL EQUIPMENT

SCREENS	1 1/2" [3.81 cm], 2" [5.1 cm], 3" [7.6 cm], 4" [10.2 cm] Dia. Round; 3" x 5" [7.62 cm x 12.7 cm], 4" x 6" [10.2 cm x 15.24 cm], 7" x 10" [17.8 cm x 25.4 cm], 10" x 18" [25.4 cm x 45.7 cm], Progressive
HAMMERS	(48 qty.) 5 lb [2.27 kg] Flail Hammers. 3/4" [1.91 cm] thick at base and 1" [2.54 cm] at the tip, heat treated and hard surfaced.
REPLACEABLE TIP	Replaceable tip hammers (24 qty.) using single bolt for easy replacement.
PINTLE HITCH	Pintle hitch assembly with 3" [7.62 cm] pintle eye
MAGNETIC ROLLER	Magnetic roller is installed on the stacking conveyor which separates metals from the ground material. Once the magnetic roller releases the metal, it slides down the discharge chute and is stacked away from the ground material.
REMOTE CONTROL	To activate the tubs rotation, change the direction of the tub rotation, and stop the tub.
AIR COMPRESSOR	Air compressor is mounted on the unit for the convenience of using air tools on site.

**Specifications and design are subject to change without notice. Actual product offered for sale may vary in design, required attachments and safety features.**

## Sales & Service By



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