

Specifications

General Dimensions

Transport Length 44' [13.41m]
 Transport Height 13'-6" [4.10 m]
 Transport Width 11'-11" [3.63 m]
 Loading Height 10'-9" [3.28 m]
 Tongue Weight 20,000 lbs. [9,072 kg]
 Axle Weight 54,000 lbs. [24,494 kg]
 Tongue Weight 74,000 lbs [33,566 kg]
 Gross Weight w/ Loader 26,500 lbs. [11,134 kg]
 Axle Weight w/ Loader 53,500 lbs. [24,267 kg]
 Gross Weight w/ Loader 80,000 lbs. [36,287 kg]

Engine Assemblies

Model Caterpillar C27
 Horsepower 875-1050 HP (652 - 783 kw)
 Air Cleaners Donaldson Dry Type
 Fuel Capacity 450 gal. [1,704 L]
 Fluid Drive PT Tech Fluid Drive
 Drive Shaft Spicer 1910
 Final Drive 1-1, 2100 RPM

Hammermill

Opening 27" x 63" (686 x 1600 mm)
 Length 60" [1.5 m]
 Diameter 16 7/8" (429 mm) O.D. with 8 1/4" [210 mm] Diameter Center
 Shaft 7" [178 mm] Diameter Hardened Alloy Steel
 Flare Width 2" [51 mm] Thick, Machined to 1.15/16" [49 mm] In
 Hammer Swing Area (32) 36 lb. [16.3 kg] Fixed w/2-Bolt Replaceable Tips
 Hammers Heat treated and Hard Surfaced

Hammer Swing Diameter 26 3/4" [680 mm]
 Hammer Rods (12) 2 1/4" [57 mm] Diameter Alloy Steel
 Bearings 4-7/16" [113 mm] Double Row Spherical w/ Heat Monitoring System and Custom Ductile Cast Iron Housing

Screens Four (4) 1" [25.4 mm] Thick Split Screens
 Screen Size 3,100 sq. in. [2.0 sq. m]

Tub

Inside Width 10'-0" [3 m]
 Flare Width 13' [3.96 m]
 Depth 56" [1.4 m]
 Walls 7/16" [11.1 mm] Steel Channel w/ Eight (8) 3/4" [19 mm] Stiffeners Welded Vertically to Support Tub and Flares
 Six (6) 3/4" x 5" [19 mm x 127 mm] Variable, Up to 9 RPM Forward and Reverse;
 Auto-Reverse if Jammed

Drive Tub Rotates by two (2) Hydraulic Piston Motors, Each Directly Driving a 140 DC Chain

Specifications given were approved at the time of initial printing and are subject to change without notice and without incurring any liability.



Discharge System

Augers Three (3) 12" [305 mm] Hydraulically Driven and Reversible
 Stacking Conveyor 60" [152 mm] x 26' [7.9 m] Long x 15" [4.6 m] Stacking Height
 Magnetic Pulley 12" x 62" [305 x 1575mm] Magnetic Pulley w/ Nail Chute

Control Panel

Controls / Gauges Dust and Water Resistant Shock-Mounted Control Box w/ Sauer Plus 1 System and Smart Display Panel to Include All Operating and Diagnostic Data.

Optional Loader

Reach 25'-4" [7.64 m]
 Lift Capacity 9650 lbs. [4377 kg] @ 10' [3.05 m]
 6650 lbs. [3016 kg] @ 15' [4.57 m]
 5100 lbs. [2313 kg] @ 20' [6.10 m]
 Cab Controls Electric Operated Joystick Controls; Engine Speed; Clutch, Tub, Conveyor, Outrigger and Cab Height Controls.
 Cab Gauges All included in Control Panel Display
 Cab Features 1/2" [13 mm] Lexan Windshield, Wiper, Washer, Defroster, Dome Light, Fan, Horn, Insulation, Heater, Air Conditioner, Raises for Loading
 Grapples 1/3 Cord Bypass or Claw. Continuous Rotation

Optional Equipment

Screens Various Standard and Custom Sizes Available.
 Other Air Compressor, Radio Remote Control, Auto-Reversing fan.

Sales and Service



P.O. Drawer 507 - Leeds, Alabama 35094
 Phone (205) 640-5181 - Fax (205) 640-1147 - Email: sales@precisionhusky.com

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PROGRIND SERIES PG-S200



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Engineered for Performance, Built for Endurance

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PROGRIND

SERIES

PG-5200

KNUCKLE-BOOM LOADER OPTION

Ultimate Control, Comfort and Safety

The large cab on the loader unit allows full movement and comfort for the operator, as well as complete control of the grinder while loading. State of the art joystick controls are incorporated with a fully adjustable, lumbar supported seat for maximum comfort. The front windshield, designed for high visibility, is 1/2" Lexan backed by two steel bars for operator safety. Air conditioning is included as a standard feature.



Dust and water resistant shock-mounted control box with Sauer Plus 1 system and smart display panel to display oil pressure, oil temperature, engine temperature, engine volt meter, tach/hourmeter, mill hourmeter, fuel gauge, all system pressures, fault codes. Key switch, indicator lights for, mill rotating, tub speed auto and radio remote on. Toggle switch control for engine fast/slow, tub fast/slow, tub forward/reverse, tub start/stop, tub auto/manual, remote on/off, hydraulic jacks raise/lower, conveyor fold/unfold, conveyor raise/lower, conveyor/augers start/stop, and table raise/lower. Clutch is engaged through its own control panel with fault indicators.

The most powerful, easy to use tub grinder in the industry. Designed with innovative features and advanced technologies to give you the power and production needed to tackle the most demanding grinding operations.

SUPERIOR GRINDING PERFORMANCE



With one of the most aggressive hammermills in the industry, the ProGrind 5200 can cut through mountains of green waste at production rates of over 100 tons-per-hour. ProGrind's special double-bolt hammer tips provide more durability and grinding ease, assuring high production rates, less wear on the hammermill and easy maintenance.



The PT Tech HPTO™ Hydraulic Power Take-Off is a totally enclosed wet hydraulic clutch that requires no adjustment throughout its wear life. During a torque spike, the clutch will act as a torque limiter by slipping to absorb the shockload. A Microprocessor Controller provides remote push button controlled clutch engagement of the HPTO. The controller is capable of monitoring clutch pressure, temperature, filter condition, engine speed, and clutch output speed. The controller features an ISO standard symbol display with LED lights to indicate system conditions.



The CAN+ radio remote controls include engine fast/slow, clutch engage allow/disengage, tub forward/reverse, tub fast/slow, tub on/off, conveyor/augers start/stop, conveyor raise/lower and emergency stop.



INTRODUCING THE NEW PG-5200

- PT Tech Totally Enclosed Wet Hydraulic Clutch
- Individually Controlled Auger Motors with 20% Increase in Rotation Speed.
- Flexxaire Automatic Reversing Hydraulically Actuated, Variable Pitch Radiator Fan
- Double Capacity 140 Tub Drive Chain
- 24 Tub Drive Sprockets
- Larger, 255/70R22.5 Tires
- 60" Wide Stacking Conveyor
- Improved Electrical Including Multiple Wire Harnesses with Deutsch Connectors
- Sauer/Danfoss Plus 1 System with Smart Display Panel.
- Increased Radiator Size
- NBB, CE Rated Can Buss Radio Remote Control Option