

Specifications

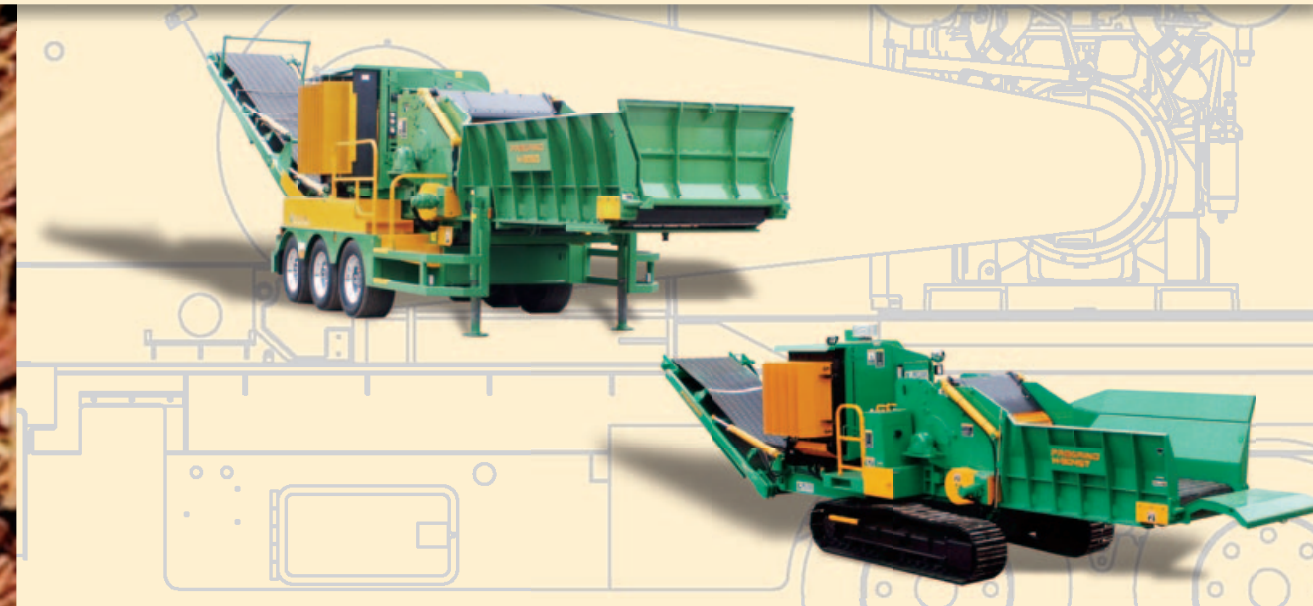


General Dimensions	H-3045	H-3060	H-4060
Transport Length	31' - 4" [9.55m]	31' [9.44m]	40' [12.85m]
Transport Height	13' - 6" [4.11m]	13'1" [3.99m]	13' - 1" [3.99m]
Weight	44,000 lbs [19,958kg]	54,000 lbs [24,500kg]	73,000 lbs [33,182 kg]
Axle Weight	33,000 lbs [14,968kg]	41,000 lbs [18,636kg]	49,250 lbs [22,386 kg]
Tongue Weight	11,000 lbs [4,989kg]	13,000 lbs [5,909kg]	23,750 lbs. [10,795 kg]
Width	8' - 6" [2.59m]	9' - 10" [2.99m]	9' - 10" [2.99m]
Infeed			
Width (Flare)	60" [1.52m]	75" [1.9m]	75" [1.9m]
Width (Belt)	45" [1.14m]	60" [1.52m]	60" [1.523m]
Open Bed Length	18' - 10" [5.74m] to Hammermill	18' - 10" [5.74m] to Hammermill	20' [6.1m] to Hammermill
Closed Bed Length	12' - 9" [3.88m] to Feed Wheel	12' - 9" [3.88m] to Feed Wheel	14' [4.3m] to Feed Wheel
Loading Height	93" [2.36m]	94" [2.4m]	94" [2.4m]
Infeed Belt	3/8" [9.5mm] cat style chain	3/8" [9.5mm] cat style chain	3/8" [9.5mm] cat style chain
Infeed Belt Speed	0 to 50 Feet per Minute [15.2 Meters per Minute]	0 to 70 Feet per Minute [18.3 Meters per Minute]	0 to 70 Feet per Minute [18.3 Meters per Minute]
Discharge System			
Belly Conveyor	44" (1.1m) wide 350pvc belt with a hydraulically driven head pulley	59" (1.5m) wide 350pvc belt with a hydraulically driven head pulley	59" [1.5m] wide 350pvc belt with a hydraulically driven head pulley
Stacking Conveyor	48" [1.22m] wide x 25'-6" [7.77m] long with a 10" x 50" [254mm x 1.27m] Magnetic head pulley	48" [1.22m] wide x 25'-6" [7.77m] long with a 12" x 50" [305mm x 1.27m] Magnetic head pulley	60" [1.52m] wide x 25'-6" [7.77m] long with a 12" x 60" [305mm x 1.52m] Magnetic head pulley
Reservoirs			
Hydraulic Tank	70 gallon [256 L] capacity	70 gallon [256 L] capacity	100 gallon [378.5 L] capacity
Fuel Tank	130 gallon [492.1 L] capacity	200 gallon [757.1 L] capacity	300 gallon [1,136 L] capacity
Hammermill			
Opening	45" x 30" [1.14m x 762mm]	60" x 30" [1.52m x 762mm]	60" x 40" [1.52m X 1.02m]
Cutting Diameter	30" [762mm] diameter	30" [762mm] diameter	40" [1.02m] diameter
Mill Speed	800 RPM	800 RPM	675 RPM
Mill Hammers	(30) two-bolt notched fixed hammers	(40) two-bolt notched fixed hammers	(40) two-bolt notched fixed hammers
Mill Shaft	7" [177.8mm] hardened alloy steel	7" [177.8mm] hardened alloy steel	7-1/2" [190.5mm] hardened alloy steel
Hammer Rods	(6) 1-3/4" [44.5mm] alloy steel	(6) 1-3/4" [44.5mm] alloy steel	(10) 1-3/4" [44.5mm] alloy steel
Support Bearings	4-7/16" [112.7mm] double row spherical	4-7/16" [112.7mm] double row spherical	5-7/16" [138.1mm] double row spherical
Diesel Engine	Caterpillar C-12, 500 HP [373KW]	Caterpillar C-15 565hp [415KW]	Caterpillar 3412 760hp [559KW] -or- Caterpillar 3412 860hp [632KW]
Radio Remote	Standard Padlocked instrument panel for security locking fill caps for fuel and hydraulic	Standard Padlocked instrument panel for security locking fill caps for fuel and hydraulic	Standard Padlocked instrument panel for security locking fill caps for fuel and hydraulic

All models are available track mounted, please contact the factory for specifications



PROGRIND™ HORIZONTAL GRINDERS



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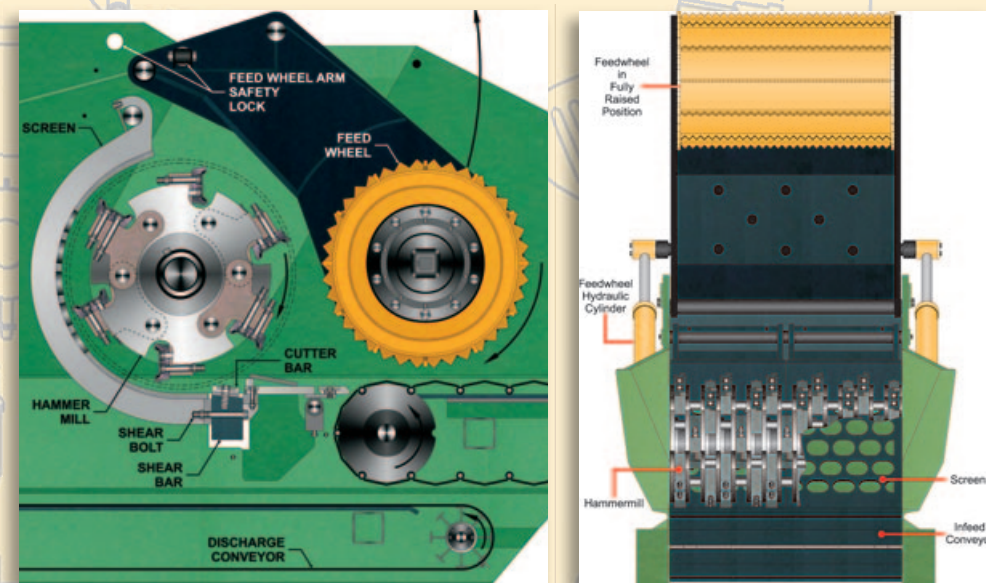
From a 500 HP to a 860 HP diesel engine, the Horizontal Grinder's innovations start with the large diameter infeed roll that is sensitive enough to permit grass clippings, brush, limbs, pallets, slabs, logs and stumps to be fed at variable speeds for continuous rather than batch feeding.

Rotating downward, the double cut hammermill momentarily wedges the incoming heads and the cutter bar, which limits the depth of cut preventing wide items from lodging between the screen and the hammermill, providing a more efficient cut with a self-adjusting hydraulic clutch. In contrast, shredders using an upward rotating hammermill are reported to be significantly less efficient.

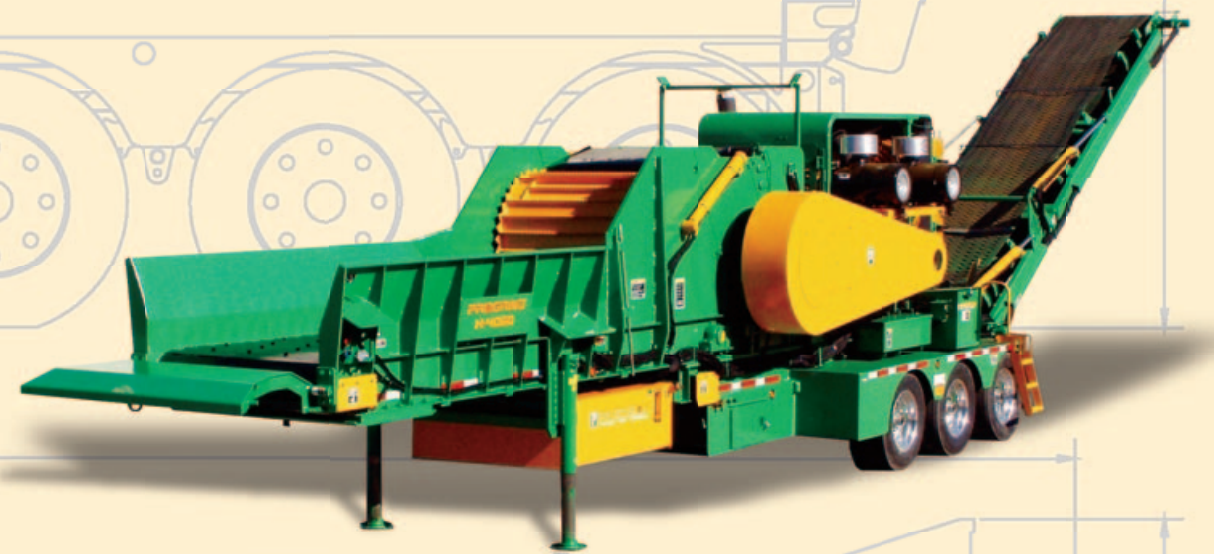
The large diameter feed wheel allows easy access to the hammermill and the changeable screens. The wheel has free fall restrictors. When raised, the wheel is parked against dual safety stops with a hydraulically operated safety pin. Horizontal Grinders are available on track or trailer mount.



H-3045 • 30" (762mm) Cutting Diameter
 • 45" (1.14m) Infeed Width
 • Caterpillar C-10, 500 HP Diesel Engine



H-3060 • 30" (762mm) Cutting Diameter
 • 60" (1.52m) Infeed Width
 • Caterpillar C-15, 565 HP Diesel Engine



H-4060 • 40" (1.02m) Cutting Diameter
 • 60" (1.52m) Infeed Width
 • Caterpillar 3412, 760/860 HP Diesel Engine

All Horizontal Models include:

Double-Cut Hammermill

Engineered with dual cutting surfaces at varying depths which virtually eliminates the frequent jamming characteristic of more conventional type grinders. The downward rotation, along with the double cut hammermill, provides a more efficient cut, increases production and produces a better quality product.

Ease of Maintenance and Safety

The large diameter feed wheel along with dual opening doors at the rear of the hammermill allows easy access to the screen and hammermill area. When fully raised, the feed wheel locks in place by a hydraulically operated safety pin.

- Dual Shear Protection for Hammermill
- Remote Control
- Magnetic Head Pulley for Metal Separation
- Steel Infeed Belt

- Fold Down Infeed Tailgate for Increased Bed Length and Closes for "Hopper" Style Feeding

- Enclosed Engine Cover with Dual Access Doors for Ease of Maintenance