

Specifications



General Dimensions	H-3045	H-3060	H-4060
Transport Length	31' - 4" [9.55m]	33' [10.06m]	40' [12.85m]
Transport Height	13' - 6" [4.11m]	13'1" [3.99m]	13' - 1" [3.99m]
Weight	44,000 lbs [19,958kg]	57,000 lbs [25,855kg]	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]	14,500 lbs [6,577kg]	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	20' - 10" [6.35m] to Hammermill	20' [6.1m] to Hammermill
Closed Bed Length	12' - 9" [3.88m] to Feed Wheel	14' - 9" [4.50m] 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			
Reservoirs	48" [1.22m] wide x 25'-6" [7.77m] long	48" [1.22m] wide x 25'-6" [7.77m] long	60" [1.52m] wide x 25'-6" [7.77m] long
Hydraulic Tank	with a 10" x 50" [254mm x 1.27m]	with a 12" x 50" [305mm x 1.27m]	with a 12" x 60" [305mm x 1.52m]
Fuel Tank	Magnetic head pulley	Magnetic head pulley	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 520HP [388kw]	Caterpillar 580HP [433kw]	Caterpillar 875HP [653kw] -or- Caterpillar 1050HP [783kw]
Radio Remote			
	Standard	Standard	Standard
	Padlocked instrument panel for security locking fill caps for fuel and hydraulic	Padlocked instrument panel for security locking fill caps for fuel and hydraulic	Padlocked instrument panel for security locking fill caps for fuel and hydraulic

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

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From a 520HP to a 1050HP [388kw - 783kw] 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.

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. In contrast, shredders using an upward rotating hammermill are reported to be significantly less efficient.

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.

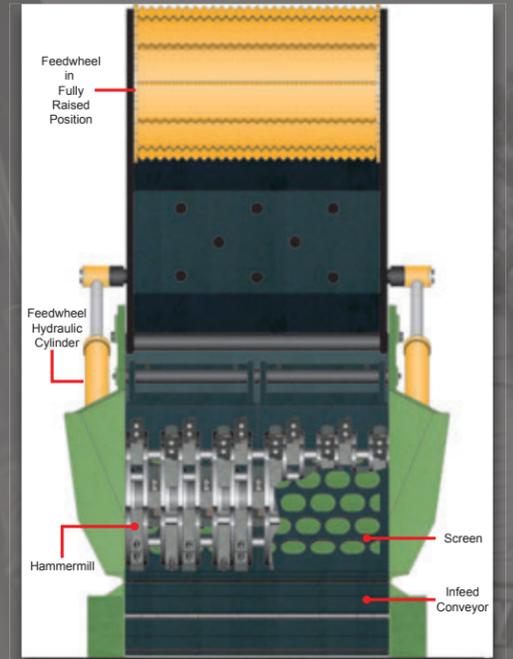
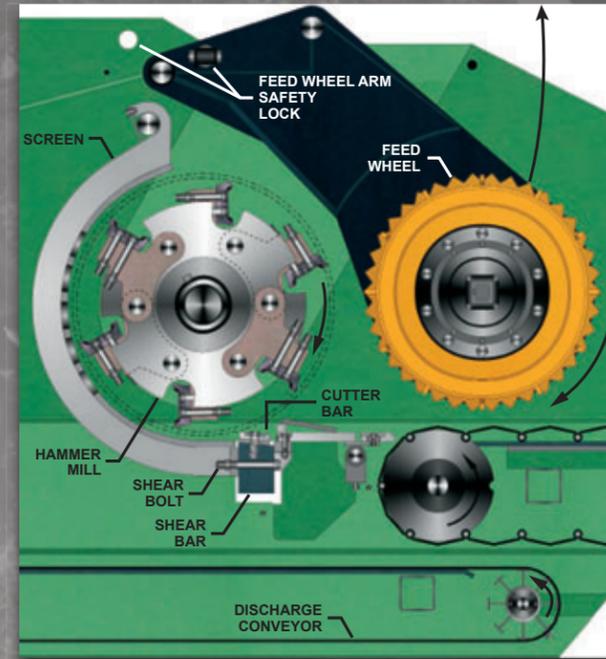
Knife holders and counterweights can be added to the standard hammermill in place of the hammer bodies and hammers. This versatility allows users to switch from grinding to chipping in minimal time. Also available are 2-knife and 4-knife chipper drums that are completely interchangeable and produce chips ranging from 1/4" [6mm] to 1-1/4" [32mm].

All units are available track or trailer mounted.

H-3045



- 30" (762mm) Cutting Diameter
- 45" (1.14m) Infeed Width
- Caterpillar 520HP [388kw] Diesel Engine



H-3060

- 30" (762mm) Cutting Diameter
- 60" (1.52m) Infeed Width
- Caterpillar 580HP [433kw] Diesel Engine



H-4060

- 40" (1.02m) Cutting Diameter
- 60" (1.52m) Infeed Width
- Caterpillar 875-1050HP [653-783kw] Diesel Engine

ALL HORIZONTAL MODELS INCLUDE:

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

WHAT'S YOUR CHOICE?

