

PROGRIND

SERIES
HORIZONTAL GRINDERS



Engineered for Performance, Built for Endurance

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SERIES
HORIZONTAL GRINDERS

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

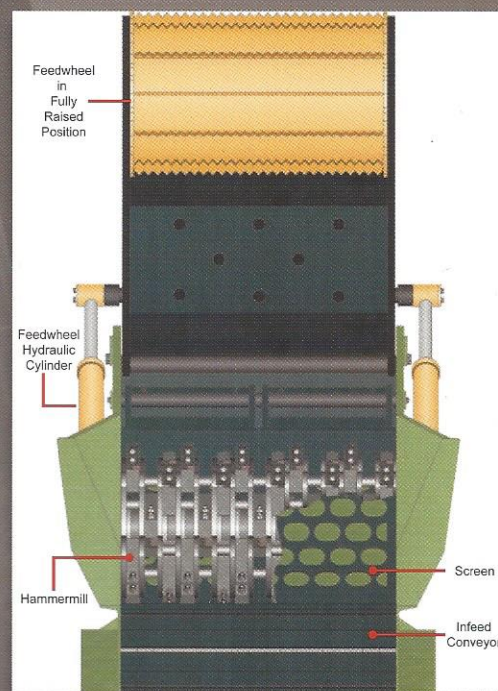
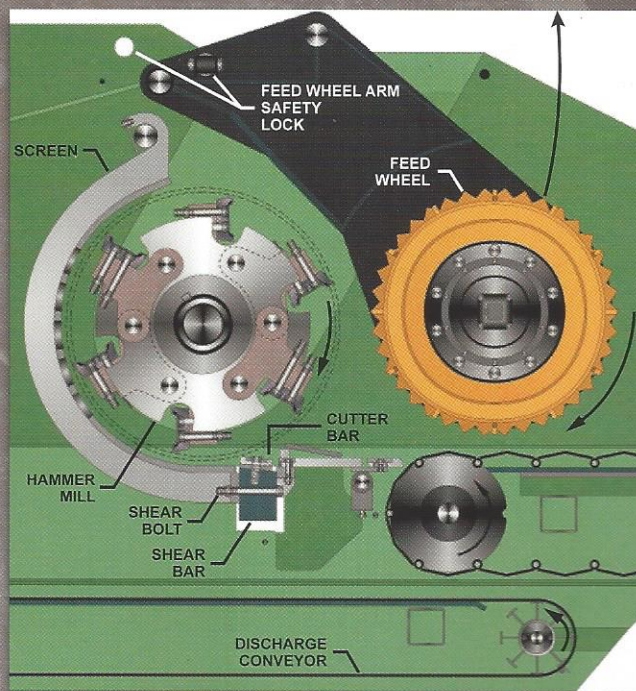
H-3060



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

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



060

H-4060



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

WHAT'S YOUR CHOICE?



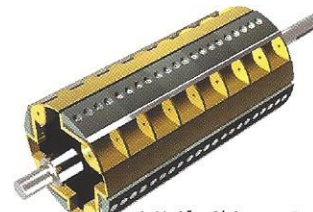
Standard Hammermill



Standard Hammermill w/Knife Package



2-Knife Chipper Drum



4-Knife Chipper Drum

Specifications



General Dimensions

| | |
|------------------|-----------------------|
| Transport Length | 31' - 4" [9.55m] |
| Transport Height | 13' - 6" [4.11m] |
| Weight | 44,000 lbs [19,958kg] |
| Axle Weight | 33,000 lbs [14,968kg] |
| Tongue Weight | 11,000 lbs [4,989kg] |
| Width | 8' - 6" [2.59m] |

H-3045

H-3060

| |
|-----------------------|
| 33' [10.06m] |
| 13' 1" [3.99m] |
| 57,000 lbs [25,855kg] |
| 41,000 lbs [18,636kg] |
| 14,500 lbs [6,577kg] |
| 9' - 10" [2.99m] |

H-4060

| |
|-------------------------|
| 40' [12.85m] |
| 13' - 1" [3.99m] |
| 73,000 lbs [33,182 kg] |
| 49,250 lbs [22,386 kg] |
| 23,750 lbs. [10,795 kg] |
| 9' - 10" [2.99m] |

Infeed

| | |
|-------------------|---|
| Width (Flare) | 60" [1.52m] |
| Width (Belt) | 45" [1.14m] |
| Open Bed Length | 18' - 10" [5.74m] to Hammermill |
| Closed Bed Length | 12' - 9" [3.88m] to Feed Wheel |
| Loading Height | 93" [2.36m] |
| Infeed Belt | 3/8" [9.5mm] cat style chain |
| Infeed Belt Speed | 0 to 50 Feet per Minute [15.2 Meters per Minute] |

| |
|---|
| 75" [1.9m] |
| 60" [1.52m] |
| 20' - 10" [6.35m] to Hammermill |
| 14' - 9" [4.50m] to Feed Wheel |
| 94" [2.4m] |
| 3/8" [9.5mm] cat style chain |
| 0 to 70 Feet per Minute [18.3 Meters per Minute] |

| |
|---|
| 75" [1.9m] |
| 60" [1.523m] |
| 20' [6.1m] to Hammermill |
| 14' [4.3m] to Feed Wheel |
| 94" [2.4m] |
| 3/8" [9.5mm] cat style chain |
| 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 |
| Hydraulic Tank | with a 10" x 50" [254mm x 1.27m] |
| Fuel Tank | 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 |
| Fuel Tank | 130 gallon [492.1 L] capacity |

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|-------------------------------|
| 70 gallon [256 L] capacity |
| 200 gallon [757.1 L] capacity |

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|-------------------------------|
| 100 gallon [378.5 L] capacity |
| 300 gallon [1,136 L] capacity |

Hammermill

| | |
|------------------|--|
| Opening | 45" x 30" [1.14m x 762mm] |
| Cutting Diameter | 30" [762mm] diameter |
| Mill Speed | 800 RPM |
| Mill Hammers | (30) two-bolt notched fixed hammers |
| Mill Shaft | 7" [177.8mm] hardened alloy steel |
| Hammer Rods | (6) 1-3/4" [44.5mm] alloy steel |
| Support Bearings | 4-7/16" [112.7mm] double row spherical |

| |
|--|
| 60" x 30" [1.52m x 762mm] |
| 30" [762mm] diameter |
| 800 RPM |
| (40) two-bolt notched fixed hammers |
| 7" [177.8mm] hardened alloy steel |
| (6) 1-3/4" [44.5mm] alloy steel |
| 4-7/16" [112.7mm] double row spherical |

| |
|--|
| 60" x 40" [1.52m X 1.02m] |
| 40" [1.02m] diameter |
| 675 RPM |
| (40) two-bolt notched fixed hammers |
| 7-1/2" [190.5mm] hardened alloy steel |
| (10) 1-3/4" [44.5mm] alloy steel |
| 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.

Sales and Service



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