

SEVERE WEAR AND TORN GRASS AND TUB GRINDERS



CHEW THROUGH BIG JOBS

Speed and Consistency Combine
with Haybuster PTO Tub Grinders



■ H-1000 ■ H-1030 ■ H-1135

SAVE TIME WHEN YOU GRIND



CHOOSE YOUR MATERIAL

Haybuster Tub Grinders do it all. That said, knowing what you'll process most helps determine which size, screens, hoppers, and other features will help you be more productive and save more time.

Hay: Round bales, square bales or loose hay, they all end up ground evenly for consistent nutrition, soft bedding, or both.

Crop Residue: Put your leftovers to use like straw, stover, cobs, or whatever else is on your field.

Grains: Go from plant to powder grinding grains like corn, sorghum, and all cereal grains.

CHOOSE YOUR MODEL

Varied in Size But Never Compromise—Speed, Reliability, and Durability Come Standard

Auger: Durable dual steel augers move material to the conveyor quickly and consistently.

Belt Drive: The 8-groove belt system delivers power from the PTO to the hammermill. Avoid having to monitor tension and stretching with its spring loaded tension design.

Folding Conveyor: Maneuver quickly and safely around the jobsite with a hydraulic conveyor that folds over the top of the tub.

Hammermill: Bringing the action closer to the conveyor reduces clogging or buildup for a faster, consistent release. Built tough with forged swing hammers for many hours of grinding.

Mill Grate: Change when grinding conditions change. Taller bars shave less per rotation which allows the tub to spin faster providing a cleaner, more consistent cut.

Tub: Fill 'er up based on the size you need for your operation. Grind hard. The 10-14 gauge steel withstands almost anything thrown its way.

Tub Governor: Grind with peace of mind. At a minimum, the electronic governor stabilizes engine load by adjusting the tub speed based on the rotor speed. It also controls tub direction and tub stop. Larger models also allow you to change which way the tub rotates, monitors operating hours, and can be done remotely from the comfort of the cab.

Tub Open: Easily maintain your machine. The tub flips open 90 degrees to access the hammermill and drive train for service.

Electric Motor Option: Say goodbye to diesel. The electric tub grinder option has all the features of its PTO counterpart, but uses two electric motors — a 300hp motor to drive the hammermill and a 10hp motor to power the hydraulics.

Three phase power is necessary for all motor options. Please check with your power supplier for the proper voltage and Hz for your area.

Grain Hopper Option: Grind grain using your Haybuster Tub Grinder. The hopper avoids spillage and the easy-to-change screen lets you get more out of your machine.

SPECIFICATIONS



WEIGHT

Total: 7,400 lbs. (3,098 kg)

TRANSPORT DIMENSIONS

Width: 10 ft. 4 in. (3.12 m)

Height: 10 ft. 2 in. (3.10 m)

Length: 20 ft. (6.10 m)

CHASSIS FEATURES

Towing Arrangement: Clevis hitch

Bearings: Tapered roller

TUB FEATURES

Loading Height: 8 ft. (2.44 m)

Tub Width at Flare: 10 ft. (3.05 m)

Depth: 44-1/2 in. (1.13 m)

Tub Inside Diameter at Base: 8 ft. (2.44 m)

Tub Wall Thickness: 12 gauge (2.66 mm)

Tub Floor Thickness: 10 gauge (3.42 mm)

Drive Mechanism: Full Sprocket around tub electro/hydraulic

Speed Control: Electronic Governor

HAMMERMILL

Length: 44-1/2 in. (1.13 m)

Diameter, Hammers Extend: 26 in. (66 cm)

Feed Opening: 27 in. x 45 in. (68.58 cm x 114.3 cm)

Hammers: 3/8 in. (9.53 mm) Thick, A.B. Hardened Swing

Number of Hammers: 64

Hammer Rods: 15/16 in. (23.81 mm) dia., Case Hardened

Cylinder Plates: 3/16 in. thick x 15-3/4 in. dia.

Cylinder Shaft: 3 in. (7.62 cm), Stress Proof Steel

Drive End Bearing: 2-3/4 in. (6.99 cm), Pillow Block

Idle End Bearing: 2-7/16 in. (6.19 cm), Pillow Block

Screen Thicknesses:

1/8 in. (3.18 mm) \ 3/16 in. (4.76 mm) \ 1/4 in. (6.35 mm)

Screen Hole Sizes: 1/8 in. (3.18 mm) to 4 in. (101.6 cm)

Screen Area: 2,400 sq. in. (15,483 sq. cm)

Drive: PTO through multiple V Belts

BELLY CONVEYOR

Type: Double Free-Floating Augers

Auger Size: 9 in. (22.86 cm) x 96 in. (2.44 m)

Width: 33-3/4 in. (85.73 cm)

Drive: Mechanical

DISCHARGE CONVEYOR

Type: Rubber Belt with Cleats

Drive: Mechanical

Drive & Idler Roller Type: "Easy Clean"

Length: 20 ft. (6.1 m)

Width: 18 in. (45.72 cm)

Max. Conveyor Lift Height: 13 ft. 9 in. (4.19 m)

Conveyor Lift: Hydraulic

Conveyor Lift Cylinder: 3 in. x 12 in. (7.62 cm x 30.48 cm)

Conveyor Fold: Hydraulic Folding Over Rear of Tub

OPERATOR CONTROLS

Tub Rotation: 3-Position Hydraulic Valve for Clockwise, Stop, and Counter-Clockwise

Tub Speed: DuraTech Model RCB93 Electronic Governor Stabilizes Engine Load by Controlling Tub Rotation Speed

Conveyor Lift: 3-Position Hydraulic Valve for Raise, Hold, and Lower

REQUIREMENTS FOR OPERATION TRACTOR

PTO Horsepower Required: 80 HP (59.7 kw) to 175 HP (130.5 kw)

Min. Tractor Hydraulic Output:

8 gpm at 1500 psi (30.3 lpm x 10,345 kPa)

Hydraulic Remote Controls: (1) Double-acting control valve with quick coupler outlets

Electrical: 12 VDC

GRINDER

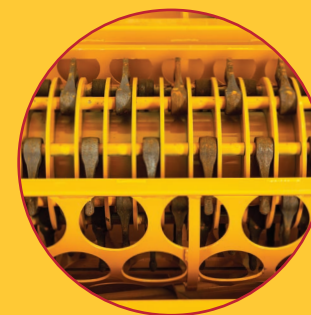
Hydraulic Reservoir: 12-gallon (45.4 liter) capacity

Oil Requirement: Mobil 423, Co-op Super HTB or Equivalent

SMV Sign: Standard equipment

Road Lights: Standard equipment

H-10000



SPECIFICATIONS



WEIGHT

Total: 13,300 lbs (6,032.78 kg)
Hitch: 1,925 lbs (873.17 kg) with conveyor raised & folded

TRANSPORT DIMENSIONS

Width: 10 ft. 4 in. (3.15 m)
Height: 9 ft. 11 in. (3.07 m)
Length: 19 ft. 4 in. (5.89 m)

OPERATING DIMENSIONS

Total Width: 10 ft. 2 in. (3.10 m)
Total Width, Tub Raised: 11 ft. 9 in. (3.58 m)

CHASSIS FEATURES

Towing Arrangement: Clevis hitch
Tires: (2) 16.5L x 16.1SI – 14 Ply High Flotation Implement
Wheels: (2) 16.1 x w14c – 8 Bolt, 6 in. (15.24 cm) Pilot
Bearings: Tapered roller bearings

TUB FEATURES

Loading Height: 8 ft. 6 in. (2.79 m)
Tub Width at Flare: 10 ft. 2 in. (3.10 m)
Depth: 44.1 in. (1.12 m)
Tub Inside Diameter at Base: 95.5 in. (2.43 m)
Tub Wall Thickness: 12 gauge (2.66 cm)
Tub Floor Thickness: 10 gauge (3.42 mm)

HAMMERMILL – HEAVY DUTY

Length: 43 in. (109.2 cm)
Diameter, Hammers Extend: 26 in. (66.04 cm)
Feed Opening: 28 in. x 45 in. (71.1 cm X 114.3 cm)
Hammers: 1/2 in. (12.7 mm) A.B. Hardened Steel, Swing
Number of Hammers: 64
Hammer Rods: 1-1/4 in. (31.75 mm) Dia, Case-Hardened
Cylinder Plates:
HD Mills, 3/8 in. (0.95 cm) Thick x 15-3/4 in. (40.01 cm)
Cylinder Shaft: 3-1/2 in. (8.89 cm) Stress Proof Steel
Bearings: 3 in. (7.62 cm) Pillow Block
Screen Thicknesses:
1/8 in. (3.18 mm) \ 3/16 in. (4.76 mm) \ 1/4 in. (6.35 mm) thick
Screen Hole Sizes: 1/8 in. (3.18 mm) to 8 in. (203.2 mm)
Must order 2 screens
Drive: PTO through Multiple V-Belts, 1,000 RPM,
1-3/8 in. dia. 21 spline shaft

BELLY AUGERS

Size: Twin 12 in. (30.48 cm) diameter x 48 in. (121.92 cm) long
Drive: Hydraulic

DISCHARGE CONVEYOR

Type: Rubber Belt with cleats
Drive: Hydraulic
Drive & Idler Roller Type:
Rubber Lagged Drive Pulley, "Easy Clean" Idler
Length: 21 ft. (6.4 m)
Width: 24 in. (60.96 cm)
Max. Conveyor Lift Height: 14 ft. 9 in. (4.5 m) @ 40° Incline
Conveyor Lift: Hydraulic
Conveyor Lift Cylinder: 3-1/2 in. x 20 in. (8.89 cm x 50.8 cm)
Conveyor Fold: Hydraulic

OPERATOR CONTROLS

Tub Rotation: Wachendorf A35 display switch controlled
Clockwise, Stop, and Counter-clockwise
Tub Speed: Wachendorf A35 with ECU 710 Control Electronic
Governor Stabilizes Engine Load by Adjusting Tub Rotation Speed
Conveyor Lift & Fold:
Electric/Hydraulic Switch Control Uses Tractor SCV
Tub Tilt: Electric/Hydraulic Switch Control Uses Tractor SCV
Conveyor On/Off: Wachendorf A35 display switch controlled

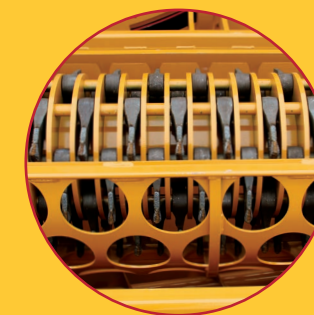
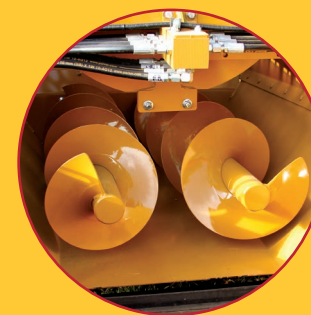
REQUIREMENTS FOR OPERATION TRACTOR

PTO HP Required: 150 HP (118.85 kw) to 315 HP (234.9 kw)
Min. Tractor Hydraulic Output:
8 gpm at 1,500 psi (30.3 lpm. x 10,345 kPa)
Hydraulic Remote Controls: 1 Double-Acting Control Valves
With Quick Coupler Outlets
Electrical: 12 VDC

GRINDER

Hydraulic Reservoir Capacity: 60 gallons (227.13 L) of
Hydraulic Oil (Mobile 423, CENEX Super HTB or Equivalent)
Mill Grate Kit: Includes 7 removable mill grates and 6 removable slug
bars for improved grinding performance in tough hay and stover

H-1030



SPECIFICATIONS



WEIGHT

Total: 14,500 lbs. (6,032.78 kg)
Hitch: 1,925 lbs. (873.2 kg) with conveyor folded

TRANSPORT DIMENSIONS

Width: 11 ft. 4 in. (3.45 m)
Height: 10 ft. 7 in. (3.2 m)
Length: 21 ft. 8 in. (6.6 m)

OPERATING DIMENSIONS

Total Width: 11 ft. 3 in. (3.43 m)
Total Width, Tub Raised: 12 ft. 6 in. (3.81 m)

CHASSIS FEATURES

Towing Arrangement: Clevis hitch
Tires: (2) 16.5L X 16.1 (14 ply) High Flotation Implement Tires
Wheels: (2) 16.1 X W14C - 8 Bolt, 6 in. (15.24 cm) Pilot
Bearings: Tapered roller

TUB FEATURES

Loading Height: 9 ft. 2 in. (2.79 m)
Tub Width at Flare: 11 ft. 3 in. (3.43 m)
Depth: 50 in. (1.27 m)
Tub Inside Diameter at Base: 8 ft. 11 in. (2.72 m)
Tub Wall Thickness: 12 gauge (2.66 cm)
Tub Floor Thickness: 10 gauge (3.42 mm)

HAMMERMILL – HEAVY DUTY

Length: 50 in. (127 cm)
Diameter, Hammers Extend: 26 in. (66.04 cm)
Feed Opening: 28 in. x 52 in. (71.1 cm X 132.08 cm)
Hammers: 1/2 in. (12.7cm) Forged Swing
Number of Hammers: 88
Hammer Rods: 1-1/4 in. (31.75 mm), Case Hardened Steel
Cylinder Plates:
HD Mills, 1/2 in. (12.7 mm) thick X 15-3/4 in. (40.01 cm)
Cylinder Shaft: 3-1/2 in. (8.98 cm) Stress Proof Steel
Bearings: 3-1/4 in. (8.26 cm) Pillow Block
Screen Thicknesses:
1/8 in. (3.18 mm) \ 3/16 in. (4.76 mm) \ 1/4" (6.35 mm)
Screen Hole Sizes: 1/8 in. (3.18 mm) to 8 in. (203.2 mm)
Must order 2 screens
Drive: PTO through Multiple V-Belts, 1,000 RPM,
1-3/8 in. dia. 21 spline shaft, or 1-3/4 in. dia. 20 spline shaft

BELLY AUGERS

Size: Twin 12 in. (30.48 cm diameter, 4 ft. 6 in. (1.37 m) long)
Drive: Hydraulic

DISCHARGE CONVEYOR

Type: Rubber Belt with Cleats
Drive: Hydraulic
Drive & Idle Roller Type: Rubber Lagged Drive, "Easy Clean" Idler
Length: 26 ft. (7.92 m)
Width: 24 in. (60.69 cm)
Max. Conveyor Lift Height:
18 ft. 6 in. (5.64 m) @ 40 Degree Incline Conveyor Lift
Conveyor Lift: Hydraulic

OPERATOR CONTROLS

Tub Rotation: 3 Position Hydraulic Valve; Clockwise, Stop and Counter-clockwise
Tub Speed: DuraTech Model RCB93 Electronic Governor Stabilizes Engine Load by Adjusting Tub Rotation Speed
Conveyor Lift: 3-Position Hydraulic Valves for Raise, Hold and Lower
Conveyor Fold: 3-Position Hydraulic Valves for Fold, Hold and Unfold
Conveyor On/Off: 2-Position Hydraulic Valves for Forward/Off
Tub Tilt: Tractor Hydraulic

REQUIREMENTS FOR OPERATION TRACTOR

PTO Horsepower Required: 200 HP (149.1 kw) to 315 HP (234.90 kw)
Min. Tractor Hydraulic Output:
8 gpm at 1,500 psi (30.3 lpm. x 10,345 kPa)
Hydraulic Remote Controls:
(2) Double Acting Valves with Quick Coupler Outlets
Electrical: 12 VDC

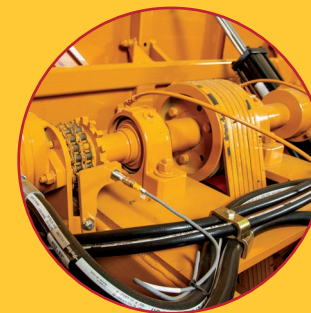
ELECTRIC MOTORS

Required: 300 HP (223.7 kw) Drive Motor,
10 HP (7.5 kw) Hydraulic Drive
Voltages Available: 460V-60Hz \ 380V-50Hz
380V-60Hz \ 575V-60Hz

GRINDER

Hydraulic Reservoir Capacity: 60 gallons (227.13 L) of Hydraulic Oil (Mobile 423, CENEX Super HTB or Equivalent)
Mill Grate Kit: Includes 5 removable mill grates and 6 removable slug bars for improved grinding performance in tough hay and stover

H-1135



OPTIONAL FEATURES

PTO Shaft – 1000 RPM:

- Tractor Half, 1-3/4", 20 spline shaft
- Tractor Half, 1-3/8", 21 spline shaft

Hammermill Feeding: (H-1000 Only)

- Slug Buster, 5-tooth screen hold down
- Mill Grate, for grinding tough hay or crop residues

Tires: (H-1000 Only)

- [Set of 2] 9.5 x 14 – 8 ply implement tires
- [Set of 2] 31x10.5x15 – load rating "C" highway rated tires

Loose Hay Guide, Front: (H-1000 Only)

Grain Grinding Hopper

Ear Corn Kit: Prevailing thought suggests finer ground grains and corn provide denser nutrients and reduce digestive distress.

Closed Center Conversion Kit for John Deere 60 and older-series Tractors: This kit is required to operate the conveyor lift valve properly.

Grinding Screens:

- 1/8 in. (3.18 mm) round hole screen half*
- 3/16 in. (4.76 mm) round hole screen half**
- 1/4 in. (6.35 mm) round hole screen half
- 3/8 in. (9.52 mm) round hole screen half
- 1/2 in. (12.7 mm) round hole screen half
- 5/8 in. (15.88 mm) round hole screen half
- 3/4 in. (19.05 mm) round hole screen half
- 1 in. (25.4 mm) round hole screen half
- 1-1/2 in. (38.1 mm) round hole screen half
- 2 in. (50.8 mm) round hole screen half
- 3 in. (7.62 cm) round hole screen half (standard)
- 4 in. (10.16 cm) round hole screen half (standard)
- Dummy (open) screen half

*1/8 in. (3.18 mm) thick **3/16 in. (4.76 mm) thick
All other screens are 1/4 in. (6.35 mm) thick

Build Strong. Toughness comes from a combination of materials and craftsmanship. We don't skimp on the steel we put into every Haybuster product. And when it comes to craftsmanship, we keep our facilities here in the United States. It's great to see Haybuster products on jobsites around the world, but we'll always make sure our quality control stays at the same place our raw materials are cut, molded, fabricated, assembled, painted, and shipped.

Build Simple. Every owner should have the ability to maintain, service, and fix their equipment. Hiring a technician should be a luxury or last resort. In an age of smart technologies and the Internet of things, we keep our products more straightforward on purpose. New is best, but nothing is worse than seeing something crafted with care left for scrap because of outdated software. Sometimes it really is all about grinding hay, grains, and corn.

MADE TO BE PASSED DOWN

HAYBUSTER.COM



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