

A tradition of innovation since 1966

HAYBUSTER

GP-50 GRAIN PROCESSOR

[high capacity grain grinder]

HAYBUSTER

TUB GRINDERS

GRAIN DRILLS

ROCK PICKERS



Haybuster is pleased to introduce the all new GP-50 Grain Processor. This grinder has been built with the proven grain grinding technology of the Haybuster H-1100 tub grinder, but with added capacity.

The GP-50's recommended horsepower requirement is 200 HP to 300 HP. And the 50 inch (127cm) hammermill is fitted with triple hammers (132 hammers) placed in a spiral V pattern for increased grinding capacity.

The 14 inch (35.56cm) belly auger provides fast and positive removal of ground product from under the hammermill. The variable speed 18" (45.72cm) x 20'(6.1m) hydraulic folding stacking conveyor carries the product away from the hammermill and belly auger.

Options include your choice of the standard tilt baffled hopper with or without the 12 inch (30.48cm) hydraulic loading auger(5000 bu /hr) with 15"(38.1cm) low profile hopper, or the larger adjustable baffled Loader Hopper (127"(322.58cm) x 88"(232.52cm), 103 bu.), which will allow feeding with a front end loader. Both hoppers are hydraulically tilted for ease of maintenance and changing screens. Screens are the same size as Haybuster's H-1100 tub grinder and come in sizes from 1/8"(.317 cm) to 8"(20.32 cm) round and a dummy open screen.

WEIGHT:	
With small hopper and auger	7,300lbs (3,311.22 kg)
With small hopper	6,620 lbs (3,002.78 kg)
With large Loader Hopper	7,410 lbs (3,361.12 kg)
Tongue weight w/small hopper and loading auger	1,600lbs (725.75kg)

DIMENSIONS:	
Transport width	7'9", 97" (2.36m)
Transport height	10'2", 122" (3.09m)
Transport Length	22', 264" (6.69m)
Working width w/auger	22'2", 266" (6.76m)

HAMMERMILL:	
Speed	2550 RPM at 1000 PTO RPM
Length	50" (127cm)
Diameter	26" (66.04cm) w/ hammers extended
Hammers	3/8" (.952cm)
Number of hammers	132 in spiral V pattern (full coverage)
Rods	15/16" (.952cm) case hardened
Cylinder plates	1/4" (.635cm) x 15 3/4" (40cm)
Cylinder Shaft	3 1/2" (8.89cm) Stress proof steel
Cylinder Bearings	3" (7.62cm) pillow Block

SCREENS:	
Sizes	1/8" (.317cm), 3/16" (.476cm), 1/4" (.635cm), 3/8" (.953cm), 1/2" (1.27cm), 5/8" (1.59cm), 3/4" (1.91cm), 1" (2.54cm), 1 1/2" (3.81cm), 2" (5.08cm), 3" (7.62cm), 4" (10.16cm), 5" (12.7cm), 6" (15.24cm), 7" (17.78cm), 8" (20.32cm), open
Belly Auger	14" (35.56 cm) Powered from PTO via Jack shaft.

DISCHARGE CONVEYOR:	
Type	Rubber belt with 1 1/2" (3.81cm) high cleats
Drive	Hydraulic w/ infinite belt speed adjustments
Length	20' (6.10m)
Width	18" (45.72cm)
Lift and fold	Hydraulic
Min Discharge height	12" (30.48cm)
Max discharge height	15'7" (4.76m)

LOADING AUGER (OPTIONAL):	
Auger Size	12" (30.48cm)
Capacity	5000 bu./ hr
Hopper depth	15" (38.10cm)
Hopper Length-Width	60" (152.4 cm) X 30" (76.2 cm)
Power	Dual hydraulic in series motors with infinite speed control

HOPPER SIZES/CAPACITIES:	
Both are hydraulically tilted	
Small Baffled	55" (139.7 cm) x 44" (111.76 cm)
Loader Hopper	127" (322.58 cm) x 88" (232.52 cm) 103 bu

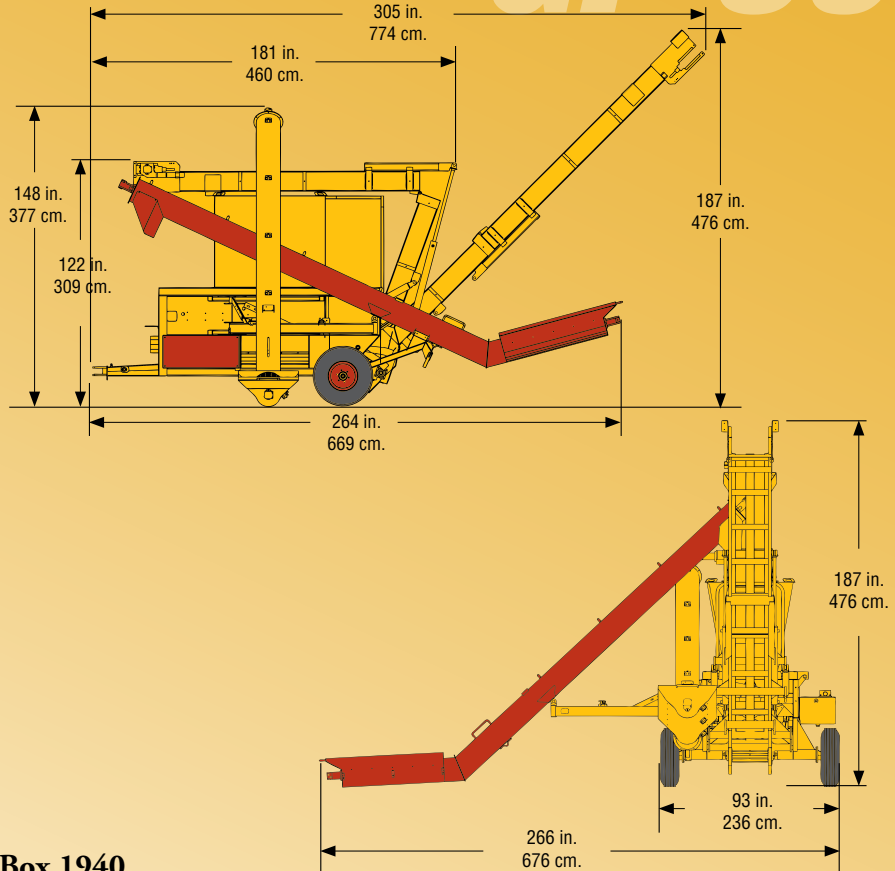
SPECIFICATIONS [GP-50 Grain Processor]

FEATURES:



50" (127 cm) Hammermill and Screens 12" (30.48cm) Loading Auger with Low Profile Hopper 14" (35.56cm) Belly Auger 103 bu. Loader Hopper

GP-50



**PO Box 1940
 Jamestown, ND 58402-1940
 Phone: (701) 252-4601
 Fax: (701) 252-0502
 Website: www.haybuster.com**



DuraTech Industries International, Inc. reserves the right to change its products or their specifications at anytime without notice or obligation. Illustrations, specifications, and descriptions contained herein were accurate at the time of publication, but are subject to change without notice. Illustrations may include optional equipment or accessories and may not include all standard equipment.

UP 1500 12/08

HYDRAULIC REQUIREMENTS/CAPACITIES:	
Hydraulic reservoir	46gal (272.12 liters) in a Self contained hydraulic system
Number of tractor outlets	2 @ 8 gpm (30.28l/m)/1500p.s.i. (10,342,135.92 Pascal)
One tilts grain tank the second runs all other functions.	

TRACTOR REQUIREMENTS	
Horsepower requirements:	200 HP(149.14 kw) to 300 HP(232.71 kw)
PTO Requirements:	1000 RPM
Options (choose)	1 3/8" (3.49cm) or 1 3/4" (4.45cm) shaft size

CHASSIS FEATURES:	
Towing arrangement	Clevis hitch
Tires/rims	2) 31.5x10.5 x 15R" LT Tires Load Range C
Bearings	Tapered roller bearings

GRINDING CAPACITY:
 Dependent upon Horsepower applied, screen size and moisture content of product being ground.