

SPECIFICATIONS

1500 FORAGE HARVESTER

MODEL 1500 Forage Harvester

DIMENSIONS AND WEIGHTS

Width in (mm)
 With 16.5x16.1 – Dyna Rib..... 134 (3404)
 With 31x13.50 – 15 Terra Rib Tires..... 142 (3610)
 With 31x15.50 – 15 Terra Grip Tires 150 (3810)
Length in (mm)..... 228 (579)
Height in (mm)..... 129 (328)
Weight (approximate) lb (kg)..... 4970 (2260)

TIRES

Flotation 16.5 x 16.1 Dyna Rib
Tandem Ribbed..... 31 x 13.5-15 Terra Rib
Tandem Bar Tread 31 x 15.5-15 Super Terra Grip

FRAME

Wheel Spacing in (mm).....110, 116, 126 (2800, 2950, 3200)
Vertical Adjustment in (mm) 18, 20, 22, 24 (450, 500, 560, 610)
Fixed Wagon Hitch..... Standard
Hydraulic Tongue Swing..... Standard
Tool Box Standard
Transport Lights Standard

FEEDROLL MECHANISM

Drive (Fwd-N-Rev) Gearbox, Shaft
Protection..... Shear Bolts
Number of Feed Rolls 4
Feed Roll Opening in (mm) 7 (178)
Throat Size in²..... 163

CUTTERHEAD MECHANISM

Cutting Cylinder
 Width in (mm) 24 (690)
 Diameter in (mm)..... 22 (560)
 Number of Knives 12
 Weight lb (kg) 450 (205)
 Speed (rpm)..... 815 or 1033
 Cuts / Minute 9780 or 12,400
 Length of Cut (12 Knives) in (mm)
 Standard Sprocket (26T)..... 0.375 (9.5)
 Standard Sprocket (34T) (with Tool Box)..... 0.5 (13)
 Optional Sprocket (17T)..... 0.25 (6.35)
 Protection Adjustable Friction & Overrunning Clutch
Knife Sharpener Manual, Forward Grind

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KERNEL PROCESSOR (Optional)

Roll Diameter	
Top in (mm)	6 (150)
Bottom in (mm)	10 (250)
Roll Width	24 (610)
Speed (rpm)	4700
Roll Surface Speed Differential	60 %
Drive	6 Matched Double V-belts

BLOWER

Diameter in (mm).....	22 (559)
Width in (mm).....	24 (610)
Number of Paddles	4
Speed (rpm)	1750
Paddle Tip Speed mph (km/hr)	114.5 (184)
Drive	4 Matched V-belts
Spout Control	Electrical
Spout Liner.....	Replaceable
Crop Deflector Control	Electrical

OIL CAPACITY

Angle Gearbox gal (L)	2.6 (10)
Feedroll gearbox gal (L)	1.1 (4)

TRACTOR REQUIREMENTS

Recommended PTO hp (kW)	
Minimum	90 (67)
Maximum	300(224)
PTO speed rpm.....	540 or 1000
Hydraulics	Two Double Acting Valves
Electrical system	12V DC

OPTIONAL EQUIPMENT

- Metal Detector
- Kernel Processor
- Rear Mounted Spotlight
- Vertical Spout Extensions (12" or 24")
- 230 Degree Spout Rotation
- Portable Magnetic Work Light
- Rope Controlled Wagon Disconnect
- Cab Controlled Electric Wagon Disconnect
- Tandem Axles
- Water Tank – 50 Gal (190 L)
- Grain Pan (Corn Only)

(Specifications and design are subject to change without notice and without liability therefore.)
Sales Engineering January, 2002

SPECIFICATIONS

1500 2-ROW FORAGE HEAD

MODEL.....2-Row (28" to 36") Forage Head

DIMENSIONS AND WEIGHT

Width (Overall) in (mm) 86 (2190)
Height in (mm)..... 36 (910)
Weight lb (kg) 946 (430)

DRIVE

Primary Chain
Protection Shear Bolt

GRIPPER CHAINS

Number4
Chain SizeCA620
Cutoff..... Sickle

ROW SPACING

Range in (mm).....28 to 36 (711 to 914)(No Adjustments Necessary)

Crop DeflectorHeight Adjustable

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SPECIFICATIONS

1500 3-ROW FORAGE HEAD

MODEL..... 3-Row 30" Forage Head

DIMENSIONS AND WEIGHT

Width (Overall) in (mm) 98 (2490)
Height in (mm)..... 60 (1530)
Weight lb (kg)..... 1320 (600)

DRIVE

Primary..... Chain
Protection Shear Bolt

GRIPPER CHAINS

Number6
Chain SizeCA620
Cutoff..... Sickle

Crop DeflectorHeight Adjustable

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SPECIFICATIONS

7' FORAGE PICKUP HEAD

MODEL..... 7' Forage Pickup Head

DIMENSIONS

Weight 1150 lb (522 kg)
Width 92 in (2337 kg)
Length 44 in (1118 mm)
Height 47 in (1194 mm)

DRIVES

Pickup Drive Chain Driven
Speed Adjustable w/Interchangeable Sprockets

AUGER

Length 79.5 in (2019 mm)
Diameter 22 in (559 mm)

PICKUP

Reel Length 72.8 (1848 mm)
Number of Bars 4
Number of Tines 56
Tine Spacing 2.6 in (68 mm)
Reed Speed Adjustable w/Interchangeable Sprockets
Adjustment Cam

OPTIONAL KITS

12 - 14 Tooth Slow Down Sprocket (Service Parts)

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