

FAST | EFFICIENT | RELIABLE

**FORAGE BOXES
CHASSIS
HI-DUMP BOX
LOADMASTER 2X**

H&S



AVAILABLE IN EITHER TRUCK
OR CHASSIS MOUNT



CUSTOMER
FARM NAME:
NO CHARGE



ALL MODELS ARE STANDARD WITH THE H&S PATENTED CENTER DRIVE SYSTEM

FEATURES

1. The NEW bolted **Front Flip Down Panel** is available with an optional electric actuator for ease of field opening.
2. 5" cross channels are welded to the stake pockets for added strength and are also used as a chain return slide.
3. Side stakes are 2 1/2" x 2 1/2" 10 gauge tubular steel with a 15 1/2" spacing between them.



All **Wide Body** boxes have 1/2" thick virgin grade solid poly with rectangular tubular steel on the outside and C-channels in the center that run lengthwise under the floor for added strength.



Spring-loaded tighteners are on the main apron drive for less stress on the main aprons upon engagement.

The patented hydraulic center mount drive on all **Wide Body** boxes provides smooth, trouble-free operation.

BODY FORAGE BOXES

8200 series features new front end design with **DUAL WINDOWS**

- Dual gate delay on all **WIDE BODY** models
- Bolted front flip-down panel

ALUMINIZED SIDES

WB8218A 18' WB8220A 20' WB8222A 22'

FIBERGLASS REINFORCED PLYWOOD SIDES

WB8222 22' WB8226 26'
WB8224 24' WB8230 30'

DOOR CHOICES

The **WIDE BODY** box offers a choice of a top pivot rear door with dual cylinder hydraulic gate delay **(1)** or double barn doors for chassis or truck mounting **(2)**.



1



2

New **dual cylinder hydraulic gate delay system** allows for a fully open rear door.

Side Transport Lights & Hydraulic Hoses are optional on all Chassis Mount Boxes (A).

OPTIONS

- Electric actuator for front flip down



Tarp Control

- Front-to-rear electric flip tarp
- Roof hood
- Digi-Star™ Scale System for chassis or truck mount box

MODEL	WB8218A	WB8220A	WB8222A/ WB8222	WB8224	WB8226	WB8230
INSIDE WIDTH	96"	96"	96"	96"	96"	96"
INSIDE HEIGHT	86"	86"	86"	86"	86"	86"
INSIDE LENGTH	18'	20'	22'	24'	26'	30'
OVERALL LENGTH	18' 9"	20' 9"	22' 9"	24' 9"	26' 9"	30' 9"
OVERALL WIDTH	102"	102"	102"	102"	102"	102"
STD. BOX OVERALL HEIGHT	101"	101"	101"	101"	101"	101"
STD. BOX CAPACITY STRUCK LEVEL	1015 CU. FT.	1130 CU. FT.	1244 CU. FT.	1359 CU. FT.	1473 CU. FT.	1702 CU. FT.
WEIGHT - STD. BOX	6710#	7235#	7624# / 7584#	7873#	8448#	9405#
BOX MATERIAL (FRP = FIBERGLASS REINFORCED PLYWOOD)	ALUMINUM	ALUMINUM	ALUM./FRP	FRP	FRP	FRP
MAIN APRON CHAIN	667X - STANDARD		667XH - STANDARD			
MAIN APRON DRIVE	HYDRAULIC DRIVE					
UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON BOX LENGTH, TRACTOR RPM, HYDRAULIC PRESSURE, AND GPM					
REAR DOOR CHOICES	TOP PIVOT DOOR W/DUAL CYLINDER HYD. GATE DELAY & AUTOMATIC LOCK AND UNLOCK SWINGING BARN DOORS W/HYD. OR AIR CLOSURE & AUTOMATIC LOCK AND UNLOCK					

TRUCK OR CHASSIS MOUNT

16 GAUGE STAINLESS STEEL SIDES

FEATURES

1. IDLER APRON SHAFT & TENSION ADJUSTMENT

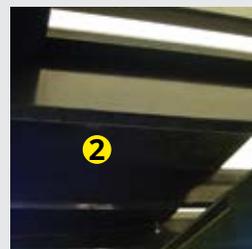
Apron tension adjustment is made by tightening the 4 spring-loaded tightener bolts on the front of the box (A). The spring-loaded tighteners maintain tension on the apron during start-up and operation. The idler apron shaft assembly features 6-tooth machined steel sprockets with bronze idler bushings.



3 Shown with shield open.

2. MUD PANELS

Panels above the wheels act as a chain slide for the main apron and protect mud and debris from getting to the apron chain.



3. FRONT FLIP DOWN

All **BIG DOG & TOP DOG** models have a NEW, LARGER bolted **Front Flip Down Panel**.

4. FRAME

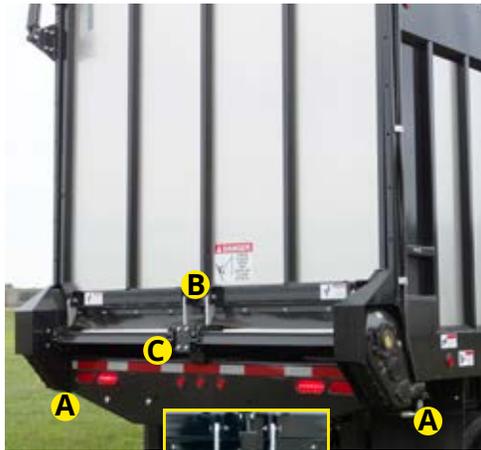
Side stakes are 2" x 2" x 3/16" tubular steel with a 14" spacing between them. Side stakes are welded to the bottom 9 - 5/8" side skirt and the top 12 1/4" side skirt.

5. **BIG DOG & TOP DOG GATE DELAY**

A full opening dual hydraulic cylinder gate delay system allows for complete clean-out of **ALL BIG DOG & TOP DOG** forage boxes.



DOG FORAGE BOXES



DOOR FEATURES

Four pivot-style door locks (B) secure the rear door, protecting your forage.

DRIVE SHAFT

The rear drive shaft features MD nylon reversible-style (C) bearings.



REAR DRIVE FEATURES

All **BIG DOG & TOP DOG** models feature large 1" steel hydraulic lines to the rear dual hydraulic motors (A).

The dual **LARGER THAN THE COMPETITION** gearbox system evenly provides more power and less shaft stress than a single motor system.



MODEL - FLOOR/LOAD LENGTH	1226	1230
CAPACITY - STRUCK LEVEL	1477 CU. FT.	1752 CU. FT.
BOX WEIGHT	N/A	N/A
INSIDE LENGTH	26'	30'
INSIDE WIDTH	98"	98"
INSIDE HEIGHT	86"	86"
OVERALL LENGTH	27' 7"	31' 7"
OVERALL WIDTH	102"	102"
OVERALL HEIGHT @ TAILGATE - NO CHASSIS	111"	111"
BOX ONLY SIDE HEIGHT - NO CHASSIS	100"	100"
DRIVE SYSTEM	DUAL HYDRAULIC MOTORS	
FINAL DRIVE SYSTEM	DUAL GEAR CASE DRIVE SYSTEM	
MAIN APRON CHAIN & SLATS	PL88C OPEN BARREL PINTLE 2" X 1" X 3/16" FORMED APRON CHANNELS	
REAR DRIVE SHAFT	2 1/4" 1045 STEEL	
FRONT IDLER SHAFT	1 3/4" 1045 STEEL	
UPRIGHTS	2" X 2" X 3/16" TUBULAR STEEL SET ON 16" CENTERS	
UNLOAD TIME	DEPENDENT ON TRACTOR HYDRAULIC SYSTEM & GPM'S	
WALL MATERIAL	STAINLESS STEEL	
FLOOR MATERIAL	VIRGIN GRADE POLY	
GATE DELAY SYSTEM	STANDARD DUAL CYLINDER / FULL OP	
REAR DOOR LATCHING	AUTOMATIC	
FRONT WINDOW	2	
LIGHTS	LED	
CUSTOMER FARM NAME	STANDARD	
OPTIONS	<ul style="list-style-type: none"> • FRONT FOLD-DOWN ACTUATOR • FRONT-TO-REAR OR SIDE-TO-SIDE TARPS • TOP PIVOT DOOR 	<ul style="list-style-type: none"> • GRAIN HOPPER • ROOF HOOD • BARN DOORS

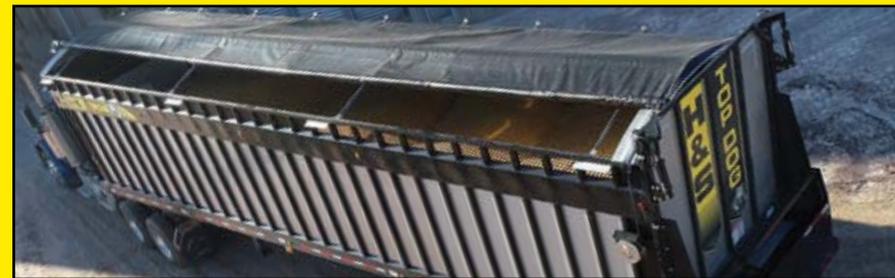


An optional quick-remove gravity unload grain hopper is available on **BIG DOG & TOP DOG** forage boxes that have a top pivot door.



The **BIG DOG & TOP DOG** feature an electric actuator (D) and roof hood (E) as options.

OPTIONS



OPTIONAL ELECTRIC TARPS

Optional front-to-rear flip tarp or a side-to-side electric roll tarp is available for ALL models of **BIG DOG & TOP DOG** forage boxes.



CUSTOMER FARM NAME: NO CHARGE

16 GAUGE STAINLESS STEEL SIDES

1. IDLER APRON SHAFT & TENSION ADJUSTMENT

Apron tension adjustment is made by tightening the 4 spring-loaded tightener bolts on the front of the box (A). The spring-loaded tighteners maintain tension on the apron during start-up and operation. The idler apron shaft assembly features 6-tooth machined steel sprockets with bronze idler bushings.



Shown with shield open.

5

2. AXLES

New 25,000# spring axles w/heavy-duty spindles. An air ride suspension system is optional.

3. FRONT FLIP DOWN

All **BIG DOG & TOP DOG** models have a NEW, LARGER bolted **Front Flip Down Panel**. An optional electric actuator for ease of field opening is also available.

4. WINDOWS

(3) windows in the front panel of the **TOP DOG** allow you to check for complete clean-out.

FEATURES

5. MUD PANELS

Panels above the front & rear wheels act as a chain slide for the main apron and protect mud and debris from getting to the apron chain.



6. CHAIN & FLOOR

The PL88C OPEN BARREL main apron pintle chain @ 29,900# per strand stays flexible. 2" x 1" x 3/16" formed apron channels are used for the apron cross bars. The floor is 1/2" thick virgin grade solid poly.



COMPLETELY DESIGNED & MANUFACTURED BY H&S!

OPTIONS



GRAIN HOPPER

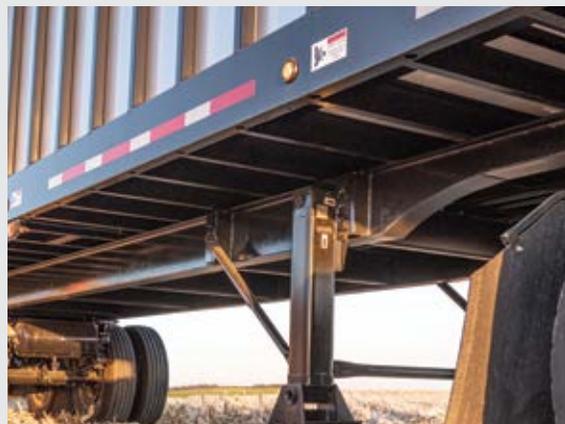
An optional quick-remove gravity unload grain hopper is available on **Big Dog & Top Dog** forage boxes that have a top pivot door.



ELECTRIC TARPS

OPTIONAL ELECTRIC TARPS

Optional front-to-rear or side-to-side electric roll tarps are available for **ALL models of Big Dog & Top Dog** forage boxes.



7. FRAME

The rear main frame is made of high-quality 10" I-beams with a newly designed front gusseted I-beam frame.

Floor cross channels are 4" structural steel channel welded to the I-Beams and side skirts.

Side stakes are 2" x 2" x 3/16" tubular steel with a 14" spacing between them. Side stakes are welded to the bottom 9 5/8" side skirt and the top 12 1/4" side skirt.

MODEL - FLOOR/LOAD LENGTH	1236	1240
CAPACITY - STRUCK LEVEL	2,045 CU. FT.	2,275 CU. FT.
BOX WEIGHT	18,240 LBS.	20,270 LBS.
INSIDE LENGTH	36'	40'
INSIDE WIDTH	98"	98"
INSIDE HEIGHT	84.5"	84.5"
OVERALL LENGTH	37' 7"	41' 7"
OVERALL WIDTH	102"	102"
OVERALL HEIGHT INCLUDING TAILGATE	159"	159"
SIDE HEIGHT	148.5"	148.5"
DRIVE SYSTEM	DUAL HYDRAULIC MOTORS	
FINAL DRIVE SYSTEM	DUAL GEAR CASE DRIVE SYSTEM	
MAIN APRON CHAIN & SLATS	PL88C OPEN BARREL PINTLE 2" X 1" X 3/16" FORMED APRON	
REAR DRIVE SHAFT	2 1/4" 1045 STEEL	
FRONT IDLER SHAFT	1 3/4" 1045 STEEL	
UPRIGHTS	2" X 2" X 3/16" TUBULAR STEEL SET ON 16" CENTERS	
UNLOAD TIME	DEPENDENT ON TRACTOR HYDRAULIC SYSTEM & GPMS	
WALL MATERIAL	STAINLESS STEEL	
FLOOR MATERIAL	VIRGIN GRADE POLY	
GATE DELAY SYSTEM	STANDARD	
REAR DOOR LATCHING	AUTOMATIC	
FRONT VIEWING WINDOWS	3	
LIGHTS	LED	
CUSTOMER FARM NAME	STANDARD	
OPTIONS	<ul style="list-style-type: none"> FRONT FOLD-DOWN ACTUATOR ROLLBACK OR SIDE-TO-SIDE TARP TOP PIVOT DOOR 	<ul style="list-style-type: none"> GRAIN HOPPER ROOF HOOD BARN DOORS

AXLES/SUSPENSIONS/TIRES/RIMS

AXLES	NEW 25,000# AXLES WITH HEAVY-DUTY SPINDLES
SUSPENSION SYSTEM	54" SPREAD STANDARD SPRING OR OPTIONAL 54" SPREAD AIR RIDE
TIRES/RIMS OPTIONS	<ul style="list-style-type: none"> 11.00X22.5 TIRES ON PAINTED DUAL STEEL WHEELS 11.00X22.5 TIRES ON DUAL ALUMINUM WHEELS 425/65R 22.5 TIRES ON ALUMINUM SUPER SINGLE WHEELS 425/65R 22.5 TIRES ON STEEL SUPER SINGLE WHEELS 455/55R 22.5 TIRES ON ALUMINUM SUPER SINGLE WHEELS 455/55R 22.5 TIRES ON STEEL SUPER SINGLE WHEELS



CHASSIS FEATURE A HEAVY-DUTY GUSSETED BOX-STYLE FRAME FOR SUPERIOR STRENGTH



Choice of Clevis or Bullnose Hitch

3122: 32,000 LB. CAPACITY RATING

3100 SERIES: ACCOMMODATES 18' TO 30' FORAGE BOXES



Choice of Clevis or Bullnose Hitch

3126: 48,000 LB. CAPACITY RATING

CHASSIS SCALE SYSTEM AND BRAKE OPTION AVAILABLE ON ALL MODELS



**Standard with
Bullnose Hitch**

3130: 60,000 LB. CAPACITY RATING



DIGI-STAR™ SCALE SYSTEM
The Digi-Star™ Frame Mount Scale System (shown in above picture) is optional on all 3100 & 4100 series models.

MODEL	3122	3126	3130
OVERALL LENGTH	25' 9"	30' 3"	34' 11 1/4"
HITCH	CHOICE OF CLEVIS OR BULLNOSE		BULLNOSE
TIRE/RIM CHOICES	<ul style="list-style-type: none"> • 19L X 16.1 10 PLY TIRES W/RIMS • 425 X 22.5 USED TRUCK TIRES W/RIMS 	<ul style="list-style-type: none"> • 425 X 22.5 USED TRUCK TIRES W/RIMS • 480/55 X 22.5 TIRES W/RIMS • 600/50 X 22.5 16 PLY FLOTATION TIRES W/RIMS 	<ul style="list-style-type: none"> • 700/50 X 22.5 16 PLY TIRES W/RIMS
TREAD WIDTH	90"	90"	90"
OVERALL HEIGHT	43" W/425 X 22.5 TIRES	44" W/425 X 22.5 TIRES	47" W/700/50 X 22.5 16 PLY TIRES
SPINDLES	3"	3.5"	3.5"
CAPACITY	32,000#	48,000#	60,000#
SUSPENSION	NONE/WALKING BEAM	NONE/WALKING BEAM	NONE/WALKING BEAM
HUBS	8 BOLT – 8,000#	10 BOLT – 12,000#	10 BOLT – 15,000#
JACK	STANDARD	STANDARD	STANDARD
BRAKE OPTION	4-WHEEL ELECTRIC ACTIVATED OVER HYD. BRAKE SYSTEM W/CAB CONTROL BOX	4-WHEEL ELECTRIC ACTIVATED OVER HYD. BRAKE SYSTEM W/CAB CONTROL BOX	4-WHEEL ELECTRIC ACTIVATED OVER HYD. BRAKE SYSTEM W/CAB CONTROL BOX
SCALE OPTION	DIGI-STAR FRAME MOUNT SCALE SYSTEM		



4126 SUSPENSION CHASSIS



13 ton per axle rating | 26-ton Spring Suspension System



DIGI-STAR™ SCALE SYSTEM

The Digi-Star™ Frame Mount Scale System (shown in above picture) is optional on all 3100 & 4100 series models.

SUSPENSION SYSTEM



All 4100 models are brake ready.

An **Optional Hydraulic Brake Cylinder Package** is needed for the operation of the brakes.

NOTE: Tractor must be equipped with hydraulic trailer brakes for chassis brakes to function.



BULLNOSE HITCH

A bullnose hitch is standard on the 4126 & 4130 suspension chassis.

4130 SUSPENSION CHASSIS



15 ton per axle rating | 32-ton Spring Suspension System

MODEL	4126	4130
OVERALL LENGTH	32' 6 1/4"	37' 3/8"
HITCH	BULLNOSE	
TIRE/RIM CHOICES	<ul style="list-style-type: none"> • 600/50 X 22.5 FLOTATION TIRES W/RIMS • 700/50 X 22.5 FLOTATION TIRES W/RIMS • 710/45R X 22.5 RADIAL FLOTATION TIRES W/RIMS 	<ul style="list-style-type: none"> • 700/50 X 22.5 FLOTATION TIRES W/RIMS • 710/45 X 22.5 RADIAL FLOTATION TIRES W/RIMS
TREAD WIDTH	94.5"	95"
OVERALL HEIGHT	48.5" W/700/50 X 22.5 16 PLY TIRES	48.5" W/700/50 X 22.5 16 PLY TIRES
CAPACITY	52,000#	60,000#
AXLE RATING	13 TON PER AXLE	15 TON PER AXLE
SUSPENSION	26-TON SPRING	32-TON SPRING
HUBS	10 BOLT	
JACK	STANDARD	
BRAKE OPTION	HYDRAULIC BRAKE CYLINDER PACKAGE	
SCALE OPTION	DIGI-STAR FRAME MOUNT 8-POINT SCALE SYSTEM	

**UNDER 2-MINUTE
DUMPING CYCLE**

**LIFT AND DUMP APPROXIMATELY
30,000 LBS. OF PRODUCT**



9215

CUBIC FT. CAPACITY STRUCK LEVEL W/O EXT.	863
CUBIC FT. CAPACITY STRUCK LEVEL W/EXT.	1,129
INSIDE LENGTH OF BOX	180" (15')
INSIDE WIDTH OF BOX – BOTTOM/TOP	65"/136" (5' 5"/11' 4")
DEPTH OF BOX	89" (7' 5")
OVERALL LENGTH MIN./MAX W/POLE ADJUSTMENT	304"/328" (25' 4"/27' 4")
OVERALL WIDTH FROM OUTSIDE OF LH TIRE TO RH ELEVATOR	152" (12' 8")
LOADING HEIGHT	130" (10' 10")
FRONT LIFT CYLINDER (SIZE/LENGTH)	5.5" X 72"
REAR LIFT CYLINDER (SIZE/LENGTH)	4.75" X 72"
DUMP CYLINDERS (SIZE/LENGTH)	5" X 71.25"
FULL DUMP LIP CLEARANCE	31" (2' 7")
MINIMUM DUMP HEIGHT	116" (9' 8")
MAXIMUM DUMP HEIGHT	184" (15' 4")
GROUND CLEARANCE @ LOWEST POINT	15" (1' 3")
TREAD WIDTH	121" (10' 1")
SPINDLE SIZE	4.5"
OPTIONAL TIRES	30.5 X 32 R1 16 PLY
JACK	12,000 LBS.
SHIPPING WEIGHT W/TIRES	15,243 LBS.



FEATURES

1. (1) 27" x 16" Sight Window and (1) Tub Access Panel
2. Highway Lighting w/Rear Beacon
3. Adjustable Height Single Clevis Swivel Hitch
4. Telescoping/Adjustable Length Pole
5. Heavy-Duty 4 1/2" Spindles with 25,400# Oil Bath Hubs
6. 12,000 lb. Jack

BOX-STYLE FRAME

The **HI-DUMP Box** features a combination 10 and 12-gauge steel tub construction, plus a heavy gusseted and reinforced box-style frame.

VARIABLE DUMPING HEIGHT

Variable dumping height gives you more versatility at harvest time. Right-hand dump has a 47-degree dumping angle.

HYDRAULIC SYSTEM

The master/slave hydraulic system automatically rephases at the end of each cylinder stroke and has the flexibility to top off a truckload with a partial dump – not restricted to a full dump cycle.

OPTIONS

- 18" Dumping Lip Extension (A)
- 30.5 x 32 R1 16 Ply Tires
- Safety Chain
- Dual Weight Box Package (B)
- Suitcase Weight Bracket
- (10) Suitcase Weights

Note: (2) Suitcase Weight Brackets and (20) Suitcase Weights can be used per unit.





LIFT AND DUMP APPROXIMATELY
60,000 LBS. OF PRODUCT





HYDRAULIC SYSTEM

The master/slave hydraulic system automatically rephases at the end of each cylinder stroke and has the flexibility to top off a truckload with a partial dump. Tank dumping is independent between the two tanks and neither tank is restricted to a full dump cycle.



TRACK SYSTEM

The Camso track undercarriage provides minimal ground compaction and maximum floatation in wet conditions.

OPTIONS

- 36' or 40' Dumping Lip Extensions (A)
- Category 4 or 5 Bullnose Hitch

FEATURES

1. Rubber Tongue Suspension System
2. Variable dumping height gives you more versatility at harvest time.
3. Right-hand dump has a 47-degree dumping angle with a dump height of over 15'.
4. (1) 27" x 16" sight window and (1) tub access panels in each box.
5. LED Highway Lighting
6. Adjustable Height Single Clevis Swivel Hitch
7. Camso Track System
8. Hydraulic Jack
9. (40) Suitcase Weights w/Weight Brackets

STEEL TUB CONSTRUCTION & BOX-STYLE FRAME

Combination 10 and 12-gauge steel tub construction, plus a heavy gusseted and reinforced box-style frame.

9230	
CUBIC FT. CAPACITY STRUCK LEVEL W/O EXT.	(2) @ 863 CU. FT. EACH
CUBIC FT. CAPACITY STRUCK LEVEL W/EXT.	(2) @ 1,129 CU. FT. EACH
INSIDE LENGTH OF BOX	180" (15')
INSIDE WIDTH OF BOX – BOTTOM/TOP	65"/136" (5' 5"/11' 4")
DEPTH OF BOX	89" (7' 5")
OVERALL LENGTH	568" (47' 4")
OVERALL WIDTH	163" (13' 7")
OVERALL HEIGHT	158" (13' 2")
LOADING HEIGHT	134" (11' 2")
FRONT LIFT CYLINDER (SIZE/LENGTH ON EACH BOX)	5.5" X 72"
REAR LIFT CYLINDER (SIZE/LENGTH ON EACH BOX)	4.75" X 72"
DUMP CYLINDERS (SIZE/LENGTH ON EACH BOX)	5" X 71.25"
FULL DUMP LIP CLEARANCE	31" (2' 7")
MINIMUM DUMP HEIGHT	116" (9' 8")
MAXIMUM DUMP HEIGHT	184" (15' 4")
TRACK RATING	100,000 LBS.
TRACK WIDTH	30"
OVERALL WIDTH - OUTSIDE TRACK TO OUTSIDE TRACK	155"
TRACK PIVOT SPINDLE SIZE	139 MM
JACK	HYDRAULIC
SHIPPING WEIGHT	48,177 LBS.



STRONG HERITAGE

STRONG PEOPLE

STRONGER FUTURE!

For over 50 years, H&S Manufacturing has made life better. Our team is committed to building long-lasting relationships and high-performance machinery. As we continue to grow and move forward, we want you to farm smarter with our most reliable and innovative farming equipment.



WARRANTY: See operator's manual for warranty details and limitations. H&S reserves the right to change its products or the description at any time without notice or obligation.

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H&S Manufacturing Company, Inc.

www.hsmfgco.com



H&S MAIN OFFICE • 2608 S. HUME AVE.
MARSHFIELD, WI 54449 • (715) 387-3414



H&S WAREHOUSE • 10145 LAKESHORE ROAD
P.O. BOX 1260 • RIPLEY, NY 14775 • (716) 736-7595