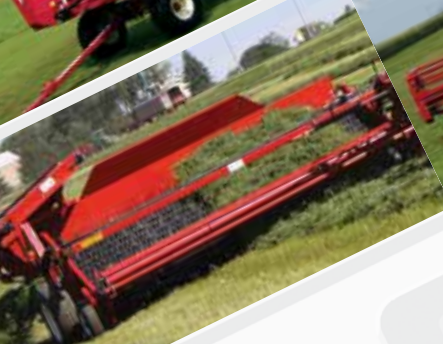


Product Catalog

H&S

50 YEARS



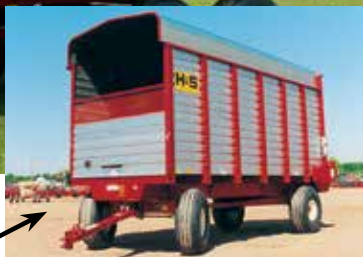
Innovators in the Manufacture
of Agricultural and
Commercial Equipment

XTRACAP FORAGE BOXES

XTRACAP forage boxes are available in 17', 19', and 21' lengths with a front unload or a front & rear unload system. All models are available with a chain or twin auger cross-conveyor unload.



H&S POWER BOX 16' & 18' rear unload power boxes are available in trailer or truck mounts. This box is engineered for bulk hauling and unloading in bunk or pit storage facilities.



MODEL - FLOOR/LOAD LENGTH	17'	19'	21'
CAPACITY W/ROOF - REAR UNLOAD	939 CU. FT.	1051 CU. FT.	1163 CU. FT.
CAPACITY W/ROOF - FRONT & REAR UNLOAD	960 CU. FT.	1072 CU. FT.	1184 CU. FT.
INSIDE WIDTH	7'4" (ALL MODELS)		
INSIDE HEIGHT (floor to roof)	99"	99"	99"
OVERALL LENGTH	20'3"	22'3"	24'3"
OVERALL WIDTH	107" (ALL MODELS)		
OVERALL HEIGHT (bolster to roof)	120"	120"	120"
WEIGHT HD 7+4	4550#	4950#	5350#
WEIGHT HD TWIN AUGER	4600#	5000#	5400#
FRONT UNLOAD MAIN APRON CHAIN (standard)	T-ROD 4 - 16,000# TENSILE — 64,000# COMBINED TENSILE		
FRONT UNLOAD OPT. MAIN APRON CHAIN	667H PINTLE 4 - 10,000# TENSILE — 40,000# COMBINED TENSILE		
FRONT & REAR UNLOAD MAIN APRON CHAIN	667H PINTLE	667X PINTLE	
CROSS FEED - HD 7+4	22" WIDE - CA550 CHAIN WITH WELDED SLATS / LEFT HAND DISCHARGE		
CROSS FEED - HD TWIN AUGER	2 - 10" SIDE BY SIDE AUGERS • EQUIPPED WITH ADJUSTABLE HOLD-DOWNS • 22" WIDE • LEFT HAND ONLY		
UNLOADING BEATERS	3 - 18" - 4 BAR SPIRAL — EVEN FEED		
MAIN APRON SPEED	VARIABLE SPEED DRIVE — 12 UNLOAD SPEEDS		
DRIVE SEQUENCE	H&S BRONZE WORM GEAR BOX • #80 ROLLER CHAIN • 1 3/4" MAIN APRON DRIVE SHAFT		
POWER SOURCE	540 PTO OR HYDRAULIC DRIVE		
EMERGENCY STOP CLUTCH	STANDARD		
OPTIONS	12" or 24" FOLDING BUNK EXTENSION FOR HD 7+4 MODELS		

Transport lights and hold down kits are standard equipment on all boxes

HDNR FORAGE BOXES



“HDNR” forage boxes are available in either **HD 7+4** or **HD Twin Auger** front unload systems w/PTO or Hydraulic Drive.

HDNR FORAGE BOX FRAMES feature heavy 5” channel cross members and 2.5” x 2.5” side stakes.

MODEL - FLOOR/LOAD LENGTH	18'	20'	22'
INSIDE WIDTH	7' 4"	7' 4"	7' 4"
INSIDE HEIGHT (floor to top of side)	86"	86"	86"
INSIDE LENGTH	18'	20'	22'
OVERALL WIDTH	108"	108"	108"
OVERALL LENGTH - FRONT AND REAR	21' 6"	23' 6"	25' 6"
STANDARD BOX SIDE HEIGHT	106"	106"	106"
STANDARD BOX OVERALL HEIGHT AT TOP PIVOTS DOOR	121"	121"	121"
FRONT & REAR UNLOAD BOX CAPACITY	933 CU. FT.	1038 CU. FT.	1143 CU. FT.
WEIGHT - FRONT & REAR UNLOAD BOX	7700#	8160#	8620#
APRON CHAIN - FRONT & REAR UNLOAD BOX	667H PINTLE CHAIN - STANDARD 667X & 667XH PINTLE CHAIN - OPTIONAL		667X PINTLE CHAIN - STANDARD 667XH - OPTIONAL
CROSS FEED - HD 7+4	22" WIDE - CA550 CHAIN WITH WELDED SLATS • LEFT HAND DISCHARGE		
CROSS FEED - HD TWIN AUGER	2 - 10" SIDE BY SIDE AUGERS WITH ADJUSTABLE DISCHARGE CHUTE 22" WIDE - LEFT HAND ONLY		
UNLOADING BEATERS	3 - 18" - 4 BAR SPIRAL - EVEN FEED		
MAIN APRON SPEED	VARIABLE SPEED DRIVE - 12 UNLOAD SPEEDS		
FRONT DRIVE SEQUENCE	BRONZE WORM GEAR BOX - #80 ROLLER CHAIN		
POWER SOURCE	540 PTO OR HYDRAULIC DRIVE		
EMERGENCY STOP CLUTCH	STANDARD		
REAR UNLOAD DRIVE	HYDRAULIC		
REAR UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON TRACTOR RPM, HYDRAULIC PRESSURE AND GPM		
REAR ENDGATE	AUTOMATIC LOCK AND UNLOCK		
ROOF	OPTIONAL	OPTIONAL	OPTIONAL
REAR GATE DELAY	OPTIONAL	OPTIONAL	OPTIONAL

"SUPER DUTY" forage Boxes are available with PTO drive, hydraulic drive, or electric-over-hydraulic cab controls



SUPER DUTY FORAGE BOX FRAMES feature heavy 5" channel cross members and 2.5" x 2.5" side stakes.

MODEL - FLOOR/LOAD LENGTH	22'	24'	26'
INSIDE WIDTH	7' 4"	7' 4"	7' 4"
INSIDE HEIGHT (FLOOR TO TOP OF SIDE)	86"	86"	86"
INSIDE LENGTH	22'	24'	26'
OVERALL WIDTH W/EXTENSION	109"	109"	109"
OVERALL LENGTH	26' 6"	28' 6"	30' 6"
STANDARD BOX SIDE HEIGHT	106"	106"	106"
STANDARD BOX OVERALL HEIGHT AT TOP PIVOTS DOOR	121"	121"	121"
FRONT & REAR UNLOAD BOX CAPACITY	1143 CU. FT.	1248 CU. FT.	1353 CU. FT.
WEIGHT - FRONT & REAR UNLOAD BOX	9065#	9510#	9955#
APRON CHAIN - FRONT & REAR UNLOAD BOX	667XH - STANDARD		
CROSS FEED - HD 7+4	22" WIDE - CA550 CHAIN WITH WELDED SLATS • LEFT HAND DISCHARGE		
UNLOADING BEATERS	3 - 18" - 4 BAR SPIRAL • EVEN FEED		
FRONT DRIVE SEQUENCE	LARGE GEAR BOX WITH TAPERED BEARINGS & BRONZE WORM GEAR #100 ROLLER CHAIN • 1 3/4" MAIN APRON DRIVE SHAFT		
EMERGENCY STOP CLUTCH	STANDARD		
REAR UNLOAD DRIVE	HYDRAULIC		
REAR UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON TRACTOR RPM, HYDRAULIC PRESSURE AND GPM		
REAR ENDGATE	AUTOMATIC LOCK AND UNLOCK		
ROOF	OPTIONAL	OPTIONAL	OPTIONAL
REAR GATE DELAY	OPTIONAL	OPTIONAL	OPTIONAL

WIDE BODY FORAGE BOXES



Truck, Running Gear, or Chassis Mounting is available on all models.
Customer Farm Name - No Charge



All models are standard with the H&S patented centered drive system and offer a choice of a top hinged door or barn doors.



MODEL - FLOOR/LOAD LENGTH	18'	20'	22'	24'	26'
INSIDE WIDTH	96"	96"	96"	96"	96"
INSIDE HEIGHT (FLOOR TO TOP OF SIDE)	86"	86"	86"	86"	86"
INSIDE LENGTH	18'	20'	22'	24'	26'
OVERALL LENGTH	18' 9"	20' 9"	22' 9"	24' 9"	26' 9"
OVERALL WIDTH	102"	102"	102"	102"	102"
STANDARD BOX OVERALL HEIGHT	101"	101"	101"	101"	101"
STANDARD BOX CAPACITY STRUCK LEVEL	1011 CU. FT.	1126 CU. FT.	1241 CU. FT.	1355 CU. FT.	1470 CU. FT.
WEIGHT - STANDARD BOX	6300#	6750#	7100# / 7350#	7958#	8550#
BOX MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM/FRP	FIBERGLASS REINFORCED PLYWOOD (FRP)	FIBERGLASS REINFORCED PLYWOOD (FRP)
MAIN APRON CHAIN	T-ROD - STANDARD/667XH OR 667X - OPTIONAL		667XH - STANDARD		
MAIN APRON DRIVE	HYDRAULIC				
UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON TRACTOR RPM, HYDRAULIC PRESSURE AND GPM				
REAR ENDGATE	AUTOMATIC LOCK AND UNLOCK WITH AIR OR HYDRAULIC GATE DELAY				

Customer Farm Name - No Charge



* The 1100 series BIG DOG models feature the same top screen package w/fold-down front as the 1100 series TOP DOG (see TOP DOG photos on the next page) New BIG DOG photos were not available at time of print.



MODEL - FLOOR/LOAD LENGTH	1126
CAPACITY - STRUCK LEVEL	1477 CU. FT.
BOX WEIGHT	NA
INSIDE LENGTH	26'
INSIDE WIDTH	98"
INSIDE HEIGHT	86"
OVERALL LENGTH	27' 7"
OVERALL WIDTH	102"
OVERALL HEIGHT INCLUDING TAILGATE	114"
SIDE HEIGHT	101½"
DRIVE SYSTEM	DUAL HYDRAULIC MOTORS
FINAL DRIVE SYSTEM	DUAL FINAL DRIVE W/OIL BATH AND SPRING LOADED TIGHTENER
MAIN APRON CHAIN & SLATS	PL88C OPEN BARREL PINTLE 2" X 1" X 3/16" FORMED APRON CHANNELS
REAR DRIVE SHAFT	2¼" 1045 STEEL
FRONT IDLER SHAFT	1¾" 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
AIR GATE DELAY SYSTEM	STANDARD
REAR DOOR LATCHING	AUTOMATIC
FRONT WINDOW	17" X 28"
LIGHTS	LED
CUSTOMER FARM NAME	STANDARD

TOP DOG FORAGE BOXES

Customer Farm Name - No Charge



MODEL - FLOOR/LOAD LENGTH	1136	1140
CAPACITY - STRUCK LEVEL	1761 CU. FT. w/o EXT. - 2050 CU. FT. w/EXT.	1960 CU. FT. w/o EXT. - 2286 CU. FT. w/EXT.
BOX WEIGHT	18,240 LBS.	20,270 LBS.
INSIDE LENGTH	36'	40'
INSIDE WIDTH	98"	98"
INSIDE HEIGHT	86"	86"
OVERALL LENGTH	37' 7"	41' 7"
OVERALL WIDTH	102"	102"
OVERALL HEIGHT INCLUDING TAILGATE	13' 5"	13' 5"
SIDE HEIGHT	12' 5"	12' 5"
DRIVE SYSTEM	DUAL HYDRAULIC MOTORS	
FINAL DRIVE SYSTEM	DUAL FINAL DRIVE W/OIL BATH AND SPRING LOADED TIGHTENER	
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	
AIR GATE DELAY SYSTEM	STANDARD	
REAR DOOR LATCHING	AUTOMATIC	
FRONT WINDOW	17" X 28"	
LIGHTS	LED	
CUSTOMER FARM NAME	STANDARD	
AXLES/SUSPENSIONS/TIRES/RIMS		
AXLES	NEW 25,000# AXLE'S WITH HEAVY DUTY SPINDLES	
SUSPENSION SYSTEM:	SPRING	
TIRES/RIMS OPTIONS:	<ul style="list-style-type: none"> • 11.00 X 22.5 TIRES ON PAINTED DUAL STEEL WHEELS • 11.00 X 22.5 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 	

AVAILABLE OPTIONS: screen extension w/front fold-down, barn doors, grain kit - works w/top pivot door only, variable speed flow control, electric front to back scissor tarp, and electric side to side roll tarp



MODEL - Running Gears	410 Single Axle	412 Single Axle	415 Single Axle	417 Single Axle
CAPACITY	10 TON	12 TON	15 TON	17 TON
WEIGHT W/TIRES	1126# W/12.5L	1190# W/12.5L	1520# W/16.5L	2100# W/19L
TREAD WIDTH	80"	80"	80"	87"
SPINDLES	2"	2 1/4"	2 3/4"	3"
HUBS	6 BOLT	8 BOLT	8 BOLT	10 BOLT
BOLSTER	3" X 8"	3" X 8"	4" X 8"	4" X 8"
C-REACH	7 GAUGE	7 GAUGE	3/8" WELDMENT	3/8" WELDMENT
WHEEL BASE	119" TO 159" IN 10" INCREMENTS		119" TO 179" IN 10" INCREMENTS	
STANDARD WHEEL	15 X 10	15 X 10	16.1 X 14	16.1 X 16
WHEEL OPTIONS	N/A	16.1 X 11, 22.5 X 8 22.5 X 13.5	22.5 X 8, 22.5 X 13.5	16.1 X 11, 22.5 X 8 22.5 X 13.5
BRAKES	N/A		OPT. HYD. SURGE	
BACK HITCH	YES	YES	YES	YES
TELESCOPING POLE	77" FIXED, EXTENDS TO 89"		FIXED AT 89"	

MODEL - Running Gears	612 Tandem Axle	614 Tandem Axle	617 Tandem Axle	622 Tandem Axle
CAPACITY	12 TON	14 TON	17 TON	22 TON
WEIGHT W/TIRES	1524# W/12.5L	1620# W/12.5L	2480# W/16.5L	3580# W/21.5L
TREAD WIDTH	80"	80"	80"	87"
SPINDLES	2"	2 1/4"	2 3/4"	3"
HUBS	6 BOLT	8 BOLT	8 BOLT	8 BOLT
BOLSTER	3" X 8"	4" X 8"	4" X 8"	4" X 8"
C-REACH	7 GAUGE	7 GAUGE	3/8" WELDMENT	3/8" WELDMENT
WHEEL BASE	119" TO 159" IN 10" INCREMENTS		119" TO 179" IN 10" INCREMENTS	
STANDARD WHEEL	15 X 10	15 X 10	16.1 X 14	16.1 X 18 OR 22.5 X 13.5
WHEEL OPTIONS	N/A	16.1 X 11	N/A	N/A
BRAKES	N/A	OPT. HYD. SURGE	OPT. HYD. SURGE	OPT. HYD. SURGE
BACK HITCH	N/A	N/A	N/A	N/A
TELESCOPING POLE	77" FIXED, EXTENDS TO 89"		FIXED AT 95 1/2"	FIXED AT 89"

CHASSIS



Model 24/26

MODEL 24/26 shown with optional 600/50x22.5 flotation tires and standard greaseable swivel hitch.

MODEL - Chassis	4124 Chassis	24/26 Chassis
CAPACITY	44,000#	48,000#
APPROXIMATE WEIGHT W/TIRES	4,500#	7,150#
TIRE CHOICES	425 X 22.5 - TRUCK TIRES 21.5L X 16.1 - 18 PLY FLOTATION TIRES 550/45 X 22.5 - 16 PLY FLOTATION TIRES	425 X 22.5 - TRUCK TIRES 550/45 X 22.5 - 16 PLY FLOTATION TIRES 600/50 X 22.5 - 16 PLY FLOTATION TIRES
TREAD WIDTH	90"	100"
SPINDLES	3" STRESS PROOF	3" STRESS PROOF
HUBS	10 BOLT	10 BOLT-12,000#
OVERALL LENGTH	29' 5"	31' 4"
SCALE	OPTIONAL	OPTIONAL
BRAKES	OPTIONAL ELECTRICALLY ACTIVATED OVER HYDRAULIC BRAKE SYSTEM W/CAB CONTROL BOX	
JACK	STANDARD	STANDARD



Model 4124

The **4124 CHASSIS** is ideal for the 20' & 22' front and rear unload industrial forage boxes, 20', 22' & 24' Wide Body forage boxes.



M9



M9 shown with optional 2' Extension. The optional 2' extension allows you to merge up to 14' cuts of hay windrowed up to 9' on the M9 Merger.

MODELS	M9
BASE UNIT WIDTH	14'4"
BASE UNIT HEIGHT	4'6"
BASE UNIT LENGTH	19'3"
BASE UNIT WIDTH W/ACCELERATOR ROLLER	15'9"
BASE UNIT WIDTH W/2' CONVEYOR EXTENSION	16'4"
BASE UNIT WEIGHT - STANDARD UNIT	2970 LBS.
BASE UNIT WEIGHT - SELF CONTAINED UNIT	3380 LBS.
TIRE SIZE (FRAME)	6.70 X 15
TIRE SIZE (PICKUP)	5.70 X 8
PICKUP WIDTH	9'
REPLACEABLE THREE PRONG PLASTIC TEETH	YES
CROSS CONVEYOR WIDTH	42"
TRACTOR SIZE & HYDRAULIC CAPACITY REQUIRED STANDARD UNIT	MIN. - 70 HP W/16 GPM / 2000 PSI
TRACTOR SIZE & HYDRAULIC CAPACITY REQUIRED W/SELF CONTAINED UNIT	MIN. - 70 HP W/5 GPM / 2000 PSI
HYDRAULIC REMOTES NEEDED - STANDARD UNIT	2
HYDRAULIC REMOTES NEEDED - SELF CONTAINED UNIT	1



Hydra-Swing

HYDRA-SWING MERGERS distribute material smoothly and evenly without bunching. Save time and money by combining 2 or 3 windrows from 9' to 18' cuts. With the Hydra-Swing style tongue, the merger can be pulled directly behind the tractor or swung out to the right to fit your operation.

MODELS	HSM9	HSM12
BASE UNIT WIDTH	14' 4"	15' 4"
BASE UNIT WIDTH W/2' OPTIONAL EXTENSION EXTENDED	16' 4"	17' 4"
BASE UNIT WIDTH W/4' OPTIONAL EXTENSION EXTENDED	18' 4"	19' 4"
BASE UNIT WIDTH W/6' OPTIONAL EXTENSION EXTENDED	20' 4"	21' 4"
BASE UNIT WIDTH W/OPTIONAL EXTENSION FOLDED	14' 10"	15' 10"
BASE UNIT HEIGHT	5' 3"	5' 3"
BASE UNIT LENGTH - POLE SWUNG IN	22'	22'
BASE UNIT LENGTH - POLE SWUNG OUT	21'	21'
BASE UNIT WEIGHT - STANDARD UNIT	3095 LBS.	4173 LBS.
BASE UNIT WEIGHT - SELF CONTAINED UNIT	3515 LBS.	4593 LBS.
TIRE SIZE (FRAME)	(1)6.70 X 15 & (2)9.5L X 15	(1)6.70 X 15 & (2)9.5L X 15
TIRE SIZE (PICKUP)	5.70 X 8	5.70 X 8
PICKUP WIDTH	9'	12'
REPLACEABLE THREE PRONG PLASTIC TEETH	YES	YES
CROSS CONVEYOR WIDTH	42"	42"
TRACTOR SIZE & HYDRAULIC CAPACITY REQUIRED STANDARD UNIT	MIN. - 70 HP W/16 GPM / 2000 PSI	MIN. - 70 HP W/16 GPM / 2000 PSI
TRACTOR SIZE & HYDRAULIC CAPACITY REQUIRED W/SELF CONTAINED UNIT	MIN. - 70 HP W/5 GPM / 2000 PSI	MIN. - 70 HP W/5 GPM / 2000 PSI
HYDRAULIC REMOTES NEEDED - STANDARD UNIT	2	2
HYDRAULIC REMOTES NEEDED - SELF CONTAINED UNIT	1	1

1100 SERIES V-RAKE



ALL V-style Rakes are available in 8, 10 and 12 wheel models.

MODEL - V-RAKES	1108	1110	1112
NUMBER OF RAKE WHEELS	8	10	12
WHEEL DIAMETER	55"	55"	55"
TEETH PER WHEEL	40	99"	99"
TOOTH DIAMETER	7 MM	7 MM	7 MM
RAKING WHEEL HUBS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS
TRANSPORT WIDTH	8' 6"	9' 6"	9' 6"
TRANSPORT LENGTH	13'	15'6"	18'
RAKING WIDTH	15' - 19'	18' - 22'	20' - 24'
WINDROW WIDTH ADJUSTMENT	3' - 5'	4' - 6'	4' - 6'
WING FLEX	LIMITED	LIMITED	LIMITED
2ND HOSE KIT	OPTIONAL	OPTIONAL	OPTIONAL
HITCH JACK	STANDARD	STANDARD	STANDARD
WEIGHT	1125 LBS.	1275 LBS.	1440 LBS.
CENTER KICKER WHEEL	OPTIONAL	OPTIONAL	OPTIONAL
TRANSPORT WHEELS	(2) - ST175/80D13	(2) - ST175/80D13	(2) - ST175/80D13



2100 SERIES HIGH CLEARANCE ACTION RAKE



3100 SERIES HIGH CLEARANCE ACTION RAKE

ACTION RAKES feature the “KWIK PIK” system on all models for greater clearance in the raking position/ stability during transport.

MODEL - ACTION RAKES	2108	2110	2112	3108	3110	3112
NUMBER OF RAKE WHEELS	8	10	12	8	10	12
WHEEL DIAMETER	60"	60"	60"	60"	60"	60"
TEETH PER WHEEL	40	40	40	40	40	40
TOOTH DIAMETER	7.5 MM	7.5 MM	7.5 MM	7.5 MM	7.5 MM	7.5 MM
RAKING WHEEL HUBS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS
TRANSPORT WIDTH	10"	10' 8"	12'	10"	10' 8"	12'
TRANSPORT LENGTH	17'	19'	21'6"	19'	21'	23'
TRANSPORT HEIGHT IN TRANSPORT POSITION	86"	101"	105"	86"	101"	105"
RAKING WIDTH	15' - 19'	18' - 22'	20' - 24'	15' - 19'	18' - 22'	20' - 24'
WINDROW WIDTH ADJUSTMENT	3' - 5'	3' - 6'	3' - 6'	3' - 5'	3' - 6'	3' - 6'
NO. OF RAKING POSITIONS W/TRANSPORT POSITION	6	10	10	6	10	10
GROUND PRESSURE RAKE WHEEL ADJUSTMENT	ADJUSTABLE TENSION SPRING			INDEPENDENT WHEEL FLOTATION WITH SINGLE SIDE ADJUSTMENT CRANK		
ACTION CYLINDER - RAISE/LOWER	4½"	4½"	4½"	4½"	4½"	4½"
WING CYLINDERS	2"	2"	2"	2"	2"	2"
JACK	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	1,400#	1,670#	1,860#	1,800#	2,000#	2,250#
CENTER KICKER WHEEL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
TRANSPORT WHEELS ADJUSTABLE BALL HITCH	(2) - ST205 / 75D15	(2) - ST205 / 75D15	(2) - ST205 / 75D15	(2) - ST205 / 75D15	(2) - ST205 / 75D15	(2) - ST205 / 75D15
ADJUSTABLE BALL HITCH	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

High capacity rakes have the raking wheels positioned ahead of the rake arms, main frame beams, and transport wheels to eliminate any restrictions when raking heavy crop.



MODEL	4112	4114	4116
NUMBER OF WHEELS	12	14	16
WHEEL DIAMETER	55"	55"	55"
TEETH PER WHEEL	40	40	40
TOOTH DIAMETER	7 MM	7 MM	7 MM
TRANSPORT WIDTH	8' 6"	8' 10"	8' 10"
TRANSPORT LENGTH	24' 6"	27' 3"	30' 3"
WINDROW WIDTH ADJUSTMENT	38"- 58"	38"- 58"	38"- 58"
RAKING WIDTH	UP TO 24' HYD. SET.	UP TO 28' HYD. SET.	UP TO 32' HYD. SET.
RAKING WHEEL HUBS	TAPERED BEARINGS	BALL BEARINGS	BALL BEARINGS
WING FLEX	3' UP OR DOWN	3' UP OR DOWN	3' UP OR DOWN
NUMBER OF TRANSPORT WHEELS	4	6	6
HITCH JACK	STANDARD	STANDARD	STANDARD
CENTER KICKER WHEELS	OPTIONAL	OPTIONAL	OPTIONAL
GAUGE WHEELS	15"	15"	15"
TRANSPORT WHEELS	15"	15"	15"
WEIGHT	3500 LBS.	3800 LBS.	4200 LBS.

The large 60" rake wheels on the 5100 series rakes turn slower for less wear, less leaf loss and deliver more capacity.



MODEL	5114	5116
WHEEL DIAMETER	60"	60"
TEETH PER WHEEL	40	40
TOOTH DIAMETER	7.5 MM	7.5 MM
TRANSPORT WIDTH	8' 10"	8' 10"
TRANSPORT LENGTH	27' 3"	30' 3"
WINDROW WIDTH ADJUSTMENT	36" - 60"	36" - 60"
RAKING WIDTH	HYDRAULICALLY SET UP TO 28'	HYDRAULICALLY SET UP TO 32'
RAKING WHEEL HUBS	BALL BEARINGS	BALL BEARINGS
60" RAKE WHEEL WIND BOARDS	STANDARD	STANDARD
WING FLEX	3' UP OR DOWN	3' UP OR DOWN
NUMBER OF TRANSPORT WHEELS	8	8
HITCH JACK	STANDARD	STANDARD
GAUGE WHEELS	15"	15"
TRANSPORT WHEELS	15"	15"
WEIGHT	N/A	N/A
DUAL CENTER KICKER WHEELS	OPTIONAL	OPTIONAL
TRIPLE CENTER KICKER WHEELS	OPTIONAL	OPTIONAL
TRANSPORT LIGHTING & POWER CORD	OPTIONAL	OPTIONAL
SAFETY CHAIN	OPTIONAL	OPTIONAL



MODEL	6116	6118	6120	6122
NUMBER OF WHEELS	16	18	20	22
WHEEL DIAMETER	60"	60"	60"	60"
TEETH PER WHEEL	40	40	40	40
TOOTH DIAMETER	7.5 MM	7.5 MM	7.5 MM	7.5 MM
RAKING WHEEL HUBS	BALL BEARINGS	BALL BEARINGS	BALL BEARINGS	BALL BEARINGS
RAKE WHEEL ANTI-WRAP SHIELDS	STANDARD	STANDARD	STANDARD	STANDARD
TRANSPORT LENGTH - APPROX.	32' 7"	34' 8"	37' 6"	40' 6"
TRANSPORT WIDTH	10' 6"		11' 6"	
TRANSPORT HEIGHT - IN TRANSPORT POSITION	80" W/SMV SIGN		N/A	
FRONT GAUGE WHEELS	4 - 9½L X 15		4 - 11L X 15	
STANDARD SINGLE REAR TRANSPORT WHEEL	2 - 9½L X 15		2 - 11L X 15	
OPTIONAL TANDEM REAR TRANSPORT WHEELS	4 - 9½L X 15		4 - 11L X 15	
MAXIMUM RAKE WIDTH - APPROX.	32'	35' 6"	38' 6"	41' 6"
WINDROW WIDTH ADJUSTMENT	3' - 5'	3' - 5'	3' - 5'	3' - 5'
NUMBER OF RAKING POSITIONS	6	6	6	6
RAKE WHEEL WIND PANELS	STANDARD	STANDARD	STANDARD	STANDARD
HITCH JACK	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	5,750 LBS	7,894 LBS	8,224 LBS	8,521 LBS
CENTER KICKER WHEEL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
TRANSPORT LIGHTING	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
WHEEL RAKE SUSPENSION	INDEPENDENT "BEE HIVE" SPRING			
GROUND PRESSURE RAKE WHEEL ADJUST	NUT/THREAD ROD FOR FINE TUNING			
HYDRAULIC REAR WINDROW ADJUST	OPTIONAL - ADDITIONAL REMOTE NEEDED			
HYDRAULIC REQUIREMENTS	1 DOUBLE ACTING CYLINDER FOR FOLDING - 1 DOUBLE ACTING CYLINDER FOR RAKE WHEEL LIFT			

HDII RAKE



4 sizes to choose from! 17, 18, 19 or 20 wheels



The HDII rake features rake beams with a variable adjustment to set the rake wheels straight or in a tilted setting up to 10°. (patented)

ADJUSTABLE WINDROW WIDTH

- The windrow width on the **HDII** can be adjusted hydraulically to a maximum of 72". One hydraulic remote along with the electrical control box, controls all the functions of the rake.
- Because of the offset of the rake wheel beams, there is no need for center kicker wheels.

NUMBER OF WHEELS	17	18	19	20
WHEEL DIAMETER	60"	60"	60"	60"
TEETH PER WHEEL	38	38	38	38
TEETH	RUBBER MOUNTED IN A SET OF 2	RUBBER MOUNTED IN A SET OF 2	RUBBER MOUNTED IN A SET OF 2	RUBBER MOUNTED IN A SET OF 2
TRANSPORT WIDTH	12' 3"	13' 3"	12' 3"	13' 3"
TRANSPORT LENGTH	28' 3"	30' 9"	30' 4"	32' 9"
MAXIMUM RAKING WIDTH	30' 3"	31' 3"	33' 3"	34' 3"
RAKE WHEEL HUBS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS
HITCH JACK	STANDARD	STANDARD	STANDARD	STANDARD
TAIL & WORK LIGHTS	STANDARD	STANDARD	STANDARD	STANDARD
TIRES	9.5L X 15SL	9.5L X 15SL	9.5L X 15SL	9.5L X 15SL

Model 1125



6 x 12 Deep Lug traction tires.

Model 1150



Deep Lug - 7.60 x 15 traction tires.

Model 2117



The Model 2117 uses an all welded heavy duty A-frame hitch assembly and full length unitized main frame.

Model 2180



Heavy Duty Steel A-frame and hitch assembly.

MODEL	1125 GROUND DRIVE	1150 GROUND DRIVE	1180 GROUND DRIVE	2180 PTO DRIVE	2112 PTO DRIVE	2117 PTO DRIVE
CAPACITY – HEAPED (OLD RATING) BU.	25 BU.	50 BU.	80 BU.	80 BU.	125 BU.	175 BU.
CAPACITY – CU. FT. STRUCK LEVEL	13.6	35	47	53	75	105
TOP OF FLARE WIDTH	28½" (73 CM)	36" (91 CM)	48" (122 CM)	48" (122 CM)	54" (137 CM)	63½" (161 CM)
INSIDE WIDTH	22" (56 CM)	36" (91 CM)	48" (122 CM)	48" (122 CM)	48" (122 CM)	54" (137 CM)
INSIDE LENGTH	6' (183 CM)	8' 1" (264 CM)	7' 1" (216 CM)	7' 4" (223 CM)	10' 6" (320 CM)	11' 1" (338 CM)
INSIDE DEPTH	17" (43 CM)	17½" (44 CM)	17½" (44 CM)	19¾" (50 CM)	22" (56 CM)	25¾" (65 CM)
OVERALL LENGTH	9' 1" (277 CM)	13' 4" (406 CM)	13' 4" (406 CM)	13' 10" (422 CM)	15' 3" (465 CM)	17' 8" (538 CM)
OVERALL LOADING HEIGHT – TOP OF FLARE	30" (76 CM)	32½" (82 CM)	33" (84 CM)	35" (89 CM)	43½" (110 CM)	45½" (116 CM)
OVERALL HEIGHT W/HYD. ENDGATE	N/A	N/A	N/A	N/A	N/A	49"
OVERALL WIDTH W/STANDARD TIRES	42" (107 CM)	58" (147 CM)	72" (183 CM)	76" (193 CM)	80" (203 CM)	83½" (212 CM)
STANDARD TIRE SIZE	6.00 X 12	7.60 X 15	7.60 X 15	6.70 X 15	10.00 X 15	10R X 22.5
SPINDLE SIZE	1¼" (3 CM)	1¾" (4 CM)	2" (5 CM)	2" (5 CM)	2" (5 CM)	2" (5 CM)
DIAMETER OF BEATER	20" (51 CM)	17½" (44 CM)	18½" (47 CM)	18½" (47 CM)	22" (56 CM)	27" (68 CM)
NUMBER OF PADDLES	8	8	10	10	10	8
MAIN APRON CHAIN	55	62	67H	67H	67XH	T-ROD
BOX CONSTRUCTION	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL
FLOOR CONSTRUCTION	BONDED POLY	BONDED POLY	BONDED POLY	BONDED POLY	BONDED POLY	BONDED POLY
APRON DRIVE	ADJUSTABLE RATCHET DRIVE	ADJUSTABLE RATCHET DRIVE	ADJUSTABLE RATCHET DRIVE	GEARBOX, 2 SPEED PTO	GEARBOX, 2 SPEED PTO	GEARBOX, 2 SPEED PTO
UPPER BEATER	N/A	N/A	N/A	N/A	N/A	OPTIONAL
SWING AWAY JACK	N/A	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT W/TIRES	350 LBS. (159 KG)	790 LBS. (358 KG)	975 LBS. (442 KG)	1140 LBS. (517 KG)	1600 LBS. (726 KG)	2030 LBS. (921 KG)
OPTIONS	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN OR HYD. END GATE



Model 3123

235 Bushel, Struck level 143 cu. ft.

A REAR HYDRAULIC ENDGATE IS STANDARD ON ALL MODELS!



Model 3143

430 Bushel, Struck level 275 cu. ft.

MODEL	3123	3127	3131	3137	3143 & W3143	3156	3166
TOP OF FLARE WIDTH	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)	89½" (227 CM)	89½" (227 CM)
INSIDE WIDTH	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 CM)	80" (203 CM)	80" (203 CM)
INSIDE LENGTH	12' 1" (3.7 M)	14' 1" (4.3 M)	15' 7" (4.8 M)	16' 6" (5.1 M)	16' 6" (5.1 M)	17' 5" (5.3 M)	17' 5" (5.3 M)
INSIDE DEPTH	28¾" (72 CM)	28¾" (72 CM)	28¾" (72 CM)	34¾" (87 CM)	40¾" (102 CM)	36" (91 CM)	49" (124 CM)
OVERALL WIDTH W/STANDARD TIRES	94½" (240 CM)	94½" (240 CM)	98" (249 CM)	98" (249 CM)	112" (285 CM)	131" (333 CM)	131" (333 CM)
OVERALL LENGTH	18' 6" (5.7 M)	20' 5½" (6.3 M)	21' 11½" (6.7 M)	23' 2½" (7.1 M)	23' 2½" (7.1 M)	26' 10" (10.2 M)	26' 10" (10.2 M)
OVERALL LOADING HEIGHT-TOP OF FLARE	51½" (131 CM)	51½" (131 CM)	51½" (131 CM)	57½" (1.5 M)	63" (160 CM)	63½" (161 CM)	78¾" (200 CM)
OVERALL HEIGHT W/HYD. ENDGATE	55" (140 CM)	55" (140 CM)	55" (140 CM)	61" (1.5 M)	63½" (161 CM)	78" (198 CM)	83" (211 CM)
DIAMETER OF BEATER	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)
MAIN APRON CHAIN	T-ROD	T-ROD	T-ROD	T-ROD	T-ROD	T-BAR	T-BAR
UPPER BEATER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD	STANDARD
SPINDLE SIZE	2" (5 CM)	2½" (6 CM)	2¼" (6 CM)	2½" (6 CM)	2½" (6 CM)	3" (8 CM)	3" (8 CM)
STANDARD TIRE SIZE	295 X 22.5 RECAP	295 X 22.5 RECAP	295 X 22.5 RECAP	295 X 22.5 RECAP	16.5 X 16.1 FLOTATION	425 X 22.5 USED TIRE	425 X 22.5 USED TIRE
OPTIONAL TIRE SIZE	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	N/A	19L X 16.1 OR 600/50 X 22.5	N/A
WEIGHT W/TIRES	2890 LBS. (1,311 KG)	3230 LBS. (1,495 KG)	4190 LBS. (1,901 KG)	4920 LBS. (2,232 KG)	3143 5220 LBS. (2,332 KG) W3143 5500 LBS. (2,495 KG)	8140 LBS. (3,692 KG)	9600 LBS. (4,354 KG)
CAPACITY - OLD RATING	235 BU.	270 BU.	310 BU.	370 BU.	430 BU.	560 BU.	660 BU.
CAPACITY CU. FT. STRUCK LEVEL	143	167	185	235	275	353	479
REAR HYDRAULIC ENDGATE	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
SEMI LIQUID REAR PAN	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
PTO SPEED	540	540	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL	1000 STANDARD 540 OPTIONAL	1000 STANDARD 540 OPTIONAL
JACK	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVE	2 SPEED	2 SPEED	2 SPEED	2 SPEED	2 SPEED	HYD.	HYD.
VARIABLE SPEED HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD
ELECTRIC CONTROLS FOR HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FRONT SPLASH PANEL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
HYD. CYL. ON HYD. ENDGATE	1- STANDARD 2- OPTIONAL	1- STANDARD 2- OPTIONAL	1- STANDARD 2- OPTIONAL	2	2	2	2

Vertical & Horizontal Beater assemblies are interchangeable and removable.



MODEL	HPH 4142	HPH 4155	HPV 4142	HPV 4155
CAPACITY – OLD RATING	425 BUSHEL	550 BUSHEL	425 BUSHEL	550 BUSHEL
CAPACITY CU. FT, STRUCK LEVEL	270	430	270	430
SIDE LOADING HEIGHT	61 1/4"	81"	61 1/4"	81"
2ND OR VERTICAL BEATER HEIGHT	74 3/4"	86 3/4"	104 1/2"	121 1/2"
HEIGHT-TOP OF HYD. END GATE (W/O HOOK)	65"	85 1/2"	65"	85 1/2"
HEIGHT-TOP OF SCREEN (VERTICAL BEATER ONLY)	N/A	N/A	98"	117"
INSIDE WIDTH	72"	72"	72"	72"
INSIDE LENGTH	16'	16'	16'	16'
INSIDE DEPTH	34"	53"	34"	53"
OVERALL WIDTH W/TIRES	10' 2"	10' 2"	10' 2"	10' 2"
OVERALL LENGTH	26' 5"	26' 5"	27' 5"	27' 5"
STANDARD NUMBER OF BEATERS	2	2	2	2
HORIZONTAL BEATER DIAMETER/LOWER	29"	29"	N/A	N/A
HORIZONTAL BEATER DIAMETER/UPPER	20"	29"	N/A	N/A
VERTICAL BEATER DIAMETER	N/A	N/A	34"	34"
REPLACEABLE BEATER PADDLES	YES	YES	YES	YES
REMOVABLE BEATER ASSEMBLY	YES	YES	YES	YES
HYDRAULIC PUSH CYLINDER DIAMETER	3 1/2"	4 1/2"	3 1/2"	4 1/2"
HYDRAULIC PUSH CYLINDER HOSE DIAMETER	3/8"	1/2"	3/8"	1/2"
HUB	8 BOLT	10 BOLT	8 BOLT	10 BOLT
SPINDLE SIZE	3"	3"	3"	3"
TIRE SIZE - STANDARD	425 X 22.5	425 X 22.5	425 X 22.5	425 X 22.5
TIRE SIZE - OPTIONAL	19L X 16.1 10 PLY	600/50 X 22.5	19L X 16.1 10 PLY	600/50 X 22.5
HYDRAULIC END GATE	STANDARD	STANDARD	STANDARD	STANDARD
CYLINDERS ON HYDRAULIC END GATE	2 W-3/8" HOSE	2 W-3/8" HOSE	2 W-3/8" HOSE	2 W-3/8" HOSE
REAR PAN	OPTIONAL	OPTIONAL	STANDARD	STANDARD
JACK	STANDARD	STANDARD	STANDARD	STANDARD
WOOD SIDE RAILS	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT W/TIRES	7,000#	9,680#	7,900#	11,000#
PTO CHOICES:				
540 RPM PTO - WITH OVER RUNNING TORQUE LIMITING CLUTCH	YES	N/A	YES	N/A
1,000 PRM PTO - 1 3/4 OR 1 1/4 WITH SHEAR BOLT PROTECTION	YES	YES	YES	YES
1,000 PRM PTO - 1 3/4 OR 1 1/4 WITH OVER RUNNING TORQUE LIMITING CLUTCH	YES	YES	YES	YES

TOP SHOT MANURE SPREADERS



- The manual adjust top expeller shield sets the distance of the spread pattern, while the hydraulic door cylinder allows adjustment for rate of application.
- Reversible bolt-on square tooth paddles shred and rip material with a "Top Shot" action for an even spread pattern.



MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1286 / 1500 WITH EXTENSION	2009	2596	3377	4200
TANK LENGTH	14'	16'	16'	16'	20'
OVERALL LENGTH	20' 10"	22' 8"	22' 8"	23' 7"	27' 7"
TANK WIDTH - TOP	70"	76"	87"	97"	97"
AUGER DIAMETER	24"	24"	24"	30"	30"
POLY LINED TANK	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE
PTO OVERRUNNING CLUTCH	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVELINE PROTECTION	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	OVERRUNNING TORQUE LIMITING CLUTCH	OVERRUNNING TORQUE LIMITING CLUTCH
PTO CHOICES	540 RPM STD. 1000 RPM OPT.	540 RPM STD. 1000 RPM OPT.	1000 RPM STD. 540 RPM OPT.	1 $\frac{3}{8}$ " OR 1 $\frac{3}{4}$ " 1000 RPM	1 $\frac{3}{8}$ " OR 1 $\frac{3}{4}$ " 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASHGUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASHGUARDS	OPTIONAL	YES	YES	YES	YES
AUTOMATIC OILER	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
HIGHWAY LIGHTING	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	5,740#	6,860#	7,880#	10,940#	16,500#

Convenient • Dependable • Smooth

Feeding attachments and unloading mechanisms are all driven hydraulically,
No drive belts, chains or gear clusters to wear out.



OPTIONAL SCALES



A Digi-Star EZ 2500 scale or
a EZ 3400 scale with
external horn are optional.



MODEL	170 GRINDER-MIXER
TANK CAPACITY – BUSHEL	135
TANK CAPACITY – CUBIC FT.	159
TANK DIAMETER	72"
DIAMETER OF MIXING AUGER	14" DIAMETER W/30" BASE
LADDER	STANDARD FRONT MOUNT OVER MILL
TANK WINDOWS	2 FULL LENGTH & 1 PORT HOLE STYLE
OVERALL HEIGHT	10' 7"
OVERALL WIDTH	7' 9" W/O AUGER FEEDER
OVERALL LENGTH	15' 8"
GROUND CLEARANCE	11' 5"
SUPPLEMENT HOPPER	23"W X 18"L – 35" ABOVE GROUND
FEEDER	GRAVITY HOPPER WITH SWINGING INTAKE AUGER (SIA)
PTO DRIVE	540 OR 1000 RPM
HORSEPOWER REQUIREMENT	540 RPM UP TO 115 HP – 1000 RPM UP TO 145 HP
TIRES	12.5L-15 - 20 PLY
JACK	STANDARD
TRANSPORT LIGHTING KIT	STANDARD
WEIGHT	3,600#

SWINGING INTAKE AUGER (SIA)

SWINGING INTAKE AUGER LENGTH	84"
SWINGING INTAKE AUGER DIAMETER	12"
INFEED HOPPER	42" W/FOLD-IN-FLARE - ADJUSTABLE AS LOW AS 20"
DRIVE	DIRECT DRIVE INDEPENDENT HYDRAULIC MOTOR

MILL

HAMMERMILL WIDTH	21"
CYLINDER DIAMETER	20"
GRINDER DRIVE	8 "A" SECTION BANDED V-BELT
GRINDER HAMMERS	66-4 WAY REVERSIBLE STEEL ALLOY
GRINDER SCREEN AREA	600 SQUARE INCHES
THROAT MAGNETS	2 - 4" X 18"
CYLINDER SPEED	2700 RPM

DISCHARGE AUGER

UNLOADING AUGER TUBE DIAMETER	8"
UNLOADING AUGER LENGTH	12'
UNLOADING AUGER ROTATION	300 DEGREES
UNLOADING AUGER REACH STANDARD	APPROX. 19' @ 53 DEGREES
UNLOADING AUGER W/3' EXTENSION	APPROX. 21' 6" AT 53 DEGREES
UNLOADING AUGER W/6' EXTENSION	APPROX. 23' 10" AT 53 DEGREES

DRIVE SYSTEM

SELF-CONTAINED – INCLUDES PULLEY-DRIVEN PUMP, RESERVOIR & PRESSURE RELIEF VALVE	
PUMP PRESSURE	3,200 PSI MAXIMUM
OIL FLOW	10½ GPM
HYDRAULIC RESERVOIR	CYCLONIC RESERVOIR
OIL FILTER	10 MICRON

AVAILABLE OPTIONS: 3' & 6' discharge auger extensions, Digi-Star EZ 2500 or EZ 3400 scale with external horn, hi-moisture kit, and mill screens.



FAR SUPERIOR TO ANY SIMILAR FEEDER WAGON

The main feed pan is constructed of prime steel with the square tubing around the top of the feed pan. Square tubing is 40% stronger than pipe.

SLANT BAR FEEDER EFFICIENTLY FEEDS:

- Chopped green feed.
- Large round and square bales.
- Small round and square bales.
- Silage and Haylage.
- Chopped hay and ground feed.
- 16' unit has 30 feeding openings.
- 20' unit has 36 feeding openings.
- 24' unit has 42 feeding openings.
- 30' unit has 50 feeding openings.

The inside sidewalls and end panels can be removed for better feeding of square or round bales. The panels are removable on the slant bar feeders.



MODEL

WEIGHT WITH 9.5L X 15 TIRES

16' SINGLE AXLE

1890 LBS.

20' SINGLE AXLE

2060 LBS.

24' SINGLE AXLE

2520 LBS.

24' TANDEM

2746 LBS.

30' TANDEM

3450 LBS.

7+4 FEEDER BOX



Available with an **optional scale system** and **truck mount** or **chassis mount**.

MODEL

POWER	HYDRAULIC DRIVE
HYDRAULIC REQUIREMENTS	(2000 PSI, 10 GPM)
FEEDER APRON DRIVE	WORM GEAR (BRONZE)
SPEEDS	INFINITE VARIABLE
MAIN APRONS	4 CHAINS - 667H PINTLE
BEATERS	2 - 18" DIAMETER, 4 SPIRAL BAR
BEATER DRIVE	#50 ROLLER CHAIN
CROSS CONVEYOR	#550 ROLLER CHAIN OR ANGLE CROSS SLATS
CROSS CONVEYOR DRIVE	SPROCKET AND #50 ROLLER CHAIN
CROSS CONVEYOR WIDTH	22"
DISCHARGE	LEFT SIDE UNLOADING ELEVATOR
DISCHARGE OPENING	533 SQ. IN.
DISCHARGE HEIGHT: MINIMUM (45 DEGREE ANGLE) MAXIMUM (0 DEGREE ANGLE)	33" 39"
INSIDE LENGTH	16'
INSIDE WIDTH	7' - 4"
INSIDE HEIGHT	48"
CAPACITY: BY VOLUME, STRUCK LEVEL BY WEIGHT	454 CU. FT. 20,000 LBS.
OVERALL LENGTH WITH CHASSIS	23' 7"
OVERALL WIDTH: CONVEYOR UP CONVEYOR DOWN	9' - 8" 12' - 4"
OVERALL LOADING HEIGHT WITH CHASSIS	8' - 2"
WEIGHT	5570 LBS.
SIDES	½" FIBERGLASS REINFORCED PLYWOOD (FRP)
FLOOR	½" POLY BONDED PLYWOOD
HEIGHT FROM BOTTOM OF FRAME TO TOP OF BOX	69"
RECOMMENDED TRUCK CAB TO CENTER OF AXLE MINIMUM	150"

STANDARD EQUIPMENT: emergency stop mechanism, highway light package, electronic controls

BT8

EIGHT BALE CAPACITY

BT814

EIGHT BALE CAPACITY

BT6

SIX BALE CAPACITY

MODEL	BT6 & BT8
OVERALL LENGTH (INCLUDING 6' TONGUE)	29' 3"
OVERALL WIDTH	102"
BALE CRADLE	WIDTH - 29", LENGTH - 49"
WEIGHT W/TIRES - BT6	1570#
TIRES	REAR - 12.5 X 15, FRONT - 9.5 X 15

MODEL	BT814
OVERALL LENGTH	28' 10"
OVERALL WIDTH	102"
BALE CRADLE	WIDTH - 41½", LENGTH - 49"
WEIGHT W/TIRES	2080#
TIRES	REAR - 12½ X 15, FRONT - 11 X 15
FRAME-MAIN BEAM	10" X 4" X 5/16" WALL
BALE ARMS	5" X 5" X 3/16" WALL
G.V.W. CAPACITY	14,000#



MODEL - HAY TEDDER		8 FT
TEDDING WIDTH		8'
OVERALL WIDTH TRANSPORT POSITION		11'2"
WEIGHT		900 LBS.
NUMBER OF TEETH, RUBBER MTD.		64
OVERALL LENGTH WITH HITCH		112"
OVERALL HEIGHT		50½"
WHEELS		4 BOLT, 15" X 5"
RAKING WIDTH		15' - 19' — 3 SETTINGS
DRIVE		PTO, 540 RPM



A **12" GAUGE WHEEL (1)** on the front of the rake beam provides for proper rake tooth ground pressure. No adjustment is needed. Each rake wheel is mounted independently (2) allowing them to better follow the contours of the ground.

MODEL - HAY MACHINE II™	
TEDDING WIDTH	7'
OVERALL WIDTH TRANSPORT POSITION	127"
WEIGHT	1,680 LBS
NUMBER OF TEETH, RUBBER MTD.	56
OVERALL LENGTH WITH HITCH	146"
OVERALL HEIGHT	50½"
WHEELS	4 BOLT, 15" X 5" WITH 15" TIRES
DRIVE	HYDRAULIC DRIVE ON TEDDER REEL

The Automatic operating mode allows the LW1100 Linewrap™ to be a one man operation.



H&S LW1100 LINEWRAP™ maximizes baleage yield, requires less effort and time than conventional wrapping methods, and with only the diameter of the bale wrapped, reduces wrap cost.

MODEL	
POWER	HONDA iGX390 W/ELECTRIC START
HYDRAULICS	9½ GALLON SELF-CONTAINED RESERVOIR
CONTROLS	AUTOMATIC AND MANUAL/OPTIONAL REMOTE
SHIPPING LENGTH	16' 10"
WIDTH	8' 10"
HEIGHT	9' 4"
WEIGHT	4,300 LBS.
LENGTH W/TAILGATE DOWN	22' 9"
TIRES	(4) 11L - 15
FILM TENSIONER	(2) 30" X 65%
BALE CAPACITY: ROUND SQUARE SQUARE	UP TO 6' 6' 6" LENGTHWISE 5' CROSSWISE

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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.

H&S is proud to be American Made!

H&S Manufacturing Company, Inc.

2608 S. Hume Avenue | Marshfield, WI 54449 | 715-387-3414



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