

H & S

HDNR FORAGE BOXES



HDNR - HEAVY DUTY/NO ROOF



Aluminized front & rear unload industrial box with optional grain hopper, front enclosure and fold down extension.

"HDNR" Forage Boxes Available in either HD 7+4 or HD Twin Auger front unload systems w/PTO Drive or Hydraulic Drive



On all rear unload boxes, once the tailgate safety lock is released, the self-locking mechanism unlocks automatically while unloading and locks shut when the tailgate closes.



A separate clutch allows you to start and clear the cross conveyor or augers before you start the beaters or main apron conveyors.

A simple trouble-free variable speed drive lets you match just the right unload speed to the crop type, load condition and blower capacity.



H&S uses three - 18" 4 bar H.D. spiral type beaters - not augers. Aggressive in handling tough material, they are even feeding. All three beaters are mounted in the head, not auxiliary panels in the box. Beater shafts are 1 1/4" & equipped with greasable bearings.

HDNR forage box frames feature heavy 5" channel cross members and 2.5" x 2.5" side stakes.

HDNR POWER BOX – REAR UNLOAD



Available in 18' or 20' lengths, the power box utilizes a two-hose hydraulic system to run the main apron. The hydraulic hoses are easily stored in the holder at the front of the box.



The power box features a chain reduction system instead of a worm gearbox for better efficiency.



All HDNR Power Boxes feature Cross Z-iron. Cross Z's are welded to the side channels in-line with stakes for added strength.

HDNR POWER BOX – REAR UNLOAD

MODEL - FLOOR/LOAD LENGTH ▶	18'	20'
INSIDE WIDTH	7'4"	7'4"
OVERALL LENGTH	19'6"	21'6"
OVERALL WIDTH	104"	104"
STANDARD BOX OVERALL HEIGHT	101"	101"
STANDARD BOX CAPACITY STUCK LEVEL	950 cu. ft.	1056 cu. ft.
WEIGHT - STANDARD BOX	6650#	7110#
MAIN APRON CHAIN	667H PINTLE CHAIN IS STANDARD, T-ROD, 667X OR 667XH PINTLE CHAIN ARE OPTIONAL	
MAIN APRON DRIVE	CHOICE OF HYDRAULIC DRIVE OR P.T.O. DRIVE	
UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON TRACTOR R.P.M., HYDRAULIC PRESSURE AND G.P.M.	
REAR ENDGATE	AUTOMATIC LOCK AND UNLOCK	
ROOF	OPTIONAL	OPTIONAL
REAR GATE DELAY	OPTIONAL	OPTIONAL

H & S RECOMMENDS 4 WHEEL GEARS FOR USE UNDER POWER BOXES.

Specifications

HDNR 7+4 & HDNR TWIN AUGER

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: 20'7" • F&R: 21'6"	Front: 22'7" • F&R: 23'6"	Front: 24'7" • F&R: 25'6"
STANDARD BOX SIDE HEIGHT	106"	106"	106"
STANDARD BOX OVERALL HEIGHT AT TOP PIVOTS DOOR	121"	121"	121"
FRONT UNLOAD BOX CAPACITY	913 cu. ft.	1018 cu. ft.	1123 cu. ft.
FRONT & REAR UNLOAD BOX CAPACITY	933 cu. ft.	1038 cu. ft.	1143 cu. ft.
WEIGHT - FRONT UNLOAD BOX	7500#	7960#	8420#
WEIGHT - FRONT & REAR UNLOAD BOX	7700#	8160#	8620#
APRON CHAIN - FRONT UNLOAD BOX	T-ROD CHAIN - STANDARD • 667H, 667X & 667XH - OPTIONAL		
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 • RIGHT OR 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 — 1 1/4" MAIN APRON DRIVE SHAFT		
POWER SOURCE	540 PTO OR HYDRAULIC DRIVE		
EMERGENCY STOP CLUTCH	STANDARD		
REAR UNLOAD DRIVE	HD 7+4 CHOICE OF HYDRAULIC DRIVE OR P.T.O. DRIVE. / HD TWIN AUGER HYDRAULIC REAR DRIVE ONLY		
REAR UNLOAD SPEED	UNLOAD TIME IS DEPENDENT ON TRACTOR R.P.M., HYDRAULIC PRESSURE AND G.P.M.		
REAR ENDGATE	AUTOMATIC LOCK AND UNLOCK		
ROOF	OPTIONAL	OPTIONAL	OPTIONAL
REAR GATE DELAY	OPTIONAL	OPTIONAL	OPTIONAL



An optional 12" folding cross conveyor extension can be ordered on the HDNR 7+4.



An optional grain hopper gravity unload for small grains is available for wide body boxes with a top hinged gate.



The optional front-to-rear electric roll tarp is a nice feature to keep that valuable forage from blowing out during transport.

Warranty: See operators 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.



Manufactured in U.S.A.



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Models & specifications are subject
to change without prior notice.

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