

# H&S

## RUNNING GEAR AND CHASSIS



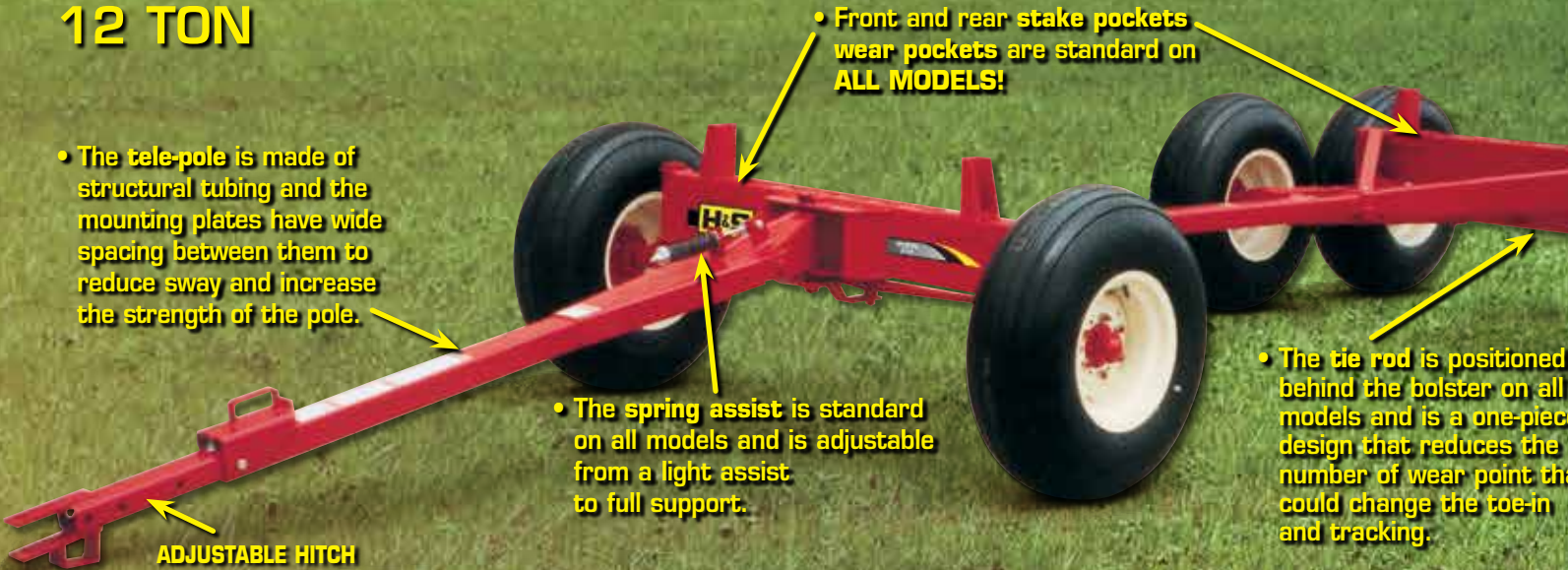
Innovators in the Manufacture  
of Agricultural and  
Commercial Equipment

**H&S HAS A MODEL TO FIT YOUR OPERATION**

# Superior Construction and Performance on ALL MODELS!

## MODEL 612 12 TON

- The tele-pole is made of structural tubing and the mounting plates have wide spacing between them to reduce sway and increase the strength of the pole.

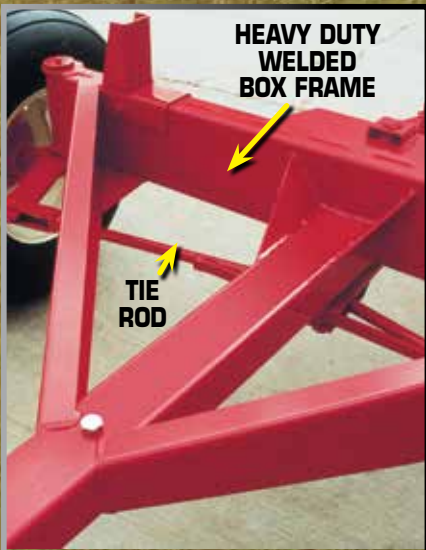


- Front and rear stake pockets wear pockets are standard on ALL MODELS!

- The spring assist is standard on all models and is adjustable from a light assist to full support.

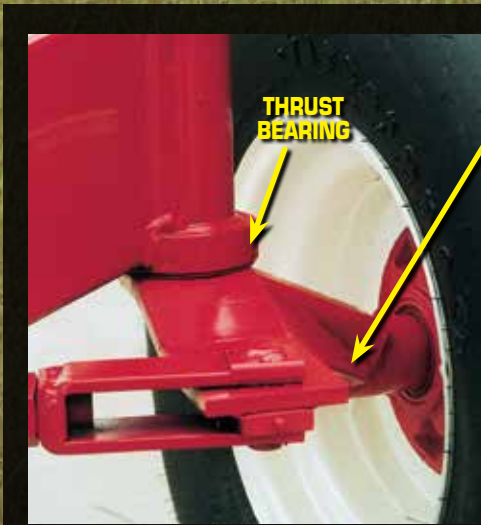
- The tie rod is positioned behind the bolster on all models and is a one-piece design that reduces the number of wear points that could change the toe-in and tracking.

ADJUSTABLE HITCH



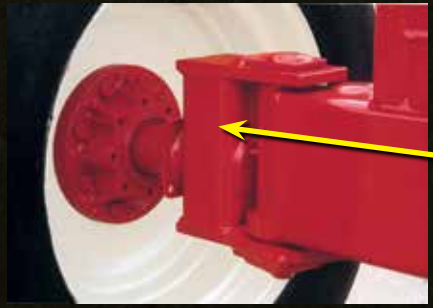
HEAVY DUTY WELDED BOX FRAME

TIE ROD



THRUST BEARING

- H&S models 410, 412, 415, 612, 614, and 618 utilize front spindles with structural bracing to withstand shock loads. The H&S heavy running gears - through 622 - utilize thrust bearings to assure smooth turning and straight trailing.



- The H&S models utilize a T-bar truck hub and use truck hubs with increased torque capacity due to the use of v...

# LOADING GEAR FEATURES

## ALL WEAR PROTECTION

King Pin, Hitch Pin, Spindles, Tie Rod Ends and Tie Rod Steering Pivot Points are all wear protected by replaceable oil impregnated steel bushings and are greasable.

### MODEL 415 15 TON



### MODEL 617 17 TON



Models 417, 420 and 622 have L-shaped spindle assembly and high stresses - models 415 are dependable,

- **Full Contact Turn Stops** distributes the pressure exerted in tight dragging turns along the bolster face - this reduces the possibility of bunk damage or collapse.

- The model 617 rear incorporates a **boxed type bolster support**. All H&S running gears utilize heavy duty full depth **bolster support braces (hounds)**.

Models 417, 420 and 622 have a square style spindle assembly, truck type steering because of torque loads that result from wide flotation or truck tires.



- H&S models 612 and 614 have a **wishbone design tandem axle** to reduce mud build-up and clogging.

**Straight Trailing • Rugged Dependability • Wide Tr**

**N**

nt are  
able as well.

**All H&S 4 wheel  
models have a rear hitch.**

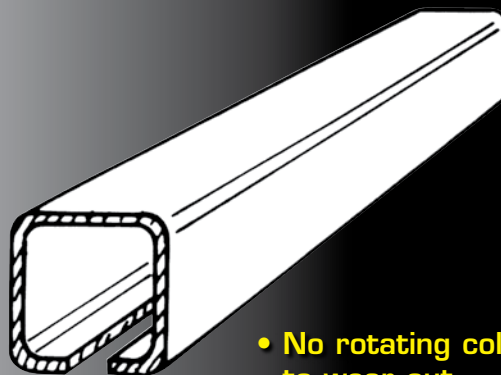


**17**

Running gears from 12 ton on up  
have 4-bolt brake flanges as standard  
equipment so that optional hydraulic  
surge brakes may be installed.



# C SECTION REACH FEATURES:



- No rotating collars or moving parts to wear out.
- The Square C-Section Reach provides both strength and flexibility.
- Torsional flexibility without rotating collars.

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"

**Track Stability • Over-Built Construction**

# CHASSIS



## MODEL 4124 - 22 TON

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

H&S trailer chassis feature heavy gusseted box style framing for superior strength and oscillating tandem axles for flexibility.



Both models are adjustable to weight balance forage boxes.



## MODEL 24/26

Shown with optional 600/50x22.5 flotation tire.

Greasable Swivel Hitch is standard on the 24/26 Chassis.

## ASAE Stress Tested

- H&S 24/26 Chassis can accommodate 22', 24' & 26' front and rear unload industrial forage boxes and the Big Dog forage boxes, 22', 24' & 26' Wide Body forage boxes.

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



**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!**

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.



Models and specifications are subject to change without prior notice. 10/18 3M

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