



# HYDRA LINE

PRODUCTS



TRIPLE C  
INC

Early 1980: The first bed at work on the inventor's operation



December 1983: First **Hydra Bed®** sold to Dewey Ranch, near McDonald, KS, owned by Otis Dewey and family



One of the inventor's rigs in its "working clothes" circa 1993 with an early prototype Hydra Feeder™



**In 1971, large round bales began a revolution in the beef cattle industry.** The baling efficiency offered by this new system greatly reduced physical labor, but the heavy bale weights of up to 2,000 lbs. created many handling and feeding challenges. His existing equipment limitations and hay waste concerns motivated a Sabetha, Kansas cattleman to pursue a unique solution.



January 1984: Third **Hydra Bed®** sold to a Northeast Kansas cattleman



The Triple C plant shortly after construction in 1997

1971

Vermeer introduces the first big round baler, the model 706.

1979

Sabetha, KS, cattleman begins to design a flush mount flatbed bale handler to solve the challenges surrounding these big round bales while maintaining use of the flatbed for other tasks

1983

Hydra Bed Patent is applied for; Triple C is incorporated; first Hydra Bed® is sold

1986

Hydra Bed® Patent Issued

1997

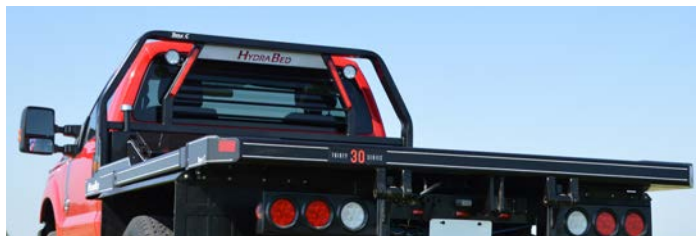
Triple C moves to new 25,000 sq. ft. facility Northeast of Sabetha (present location)

1998

Additional bed models introduced designed specifically for dual wheeled trucks



1998: **Hydra Bed® HB200 Classic model**



2014: **HB3350 30 Series Hydra Bed®**



August 2013: **30 Series Hydra Bed®** introduced to the cattle industry at Triple C's 30th Anniversary dealer event



2014: **30 Series Hydra Bed® LED Lighting**

2002

Husco 5000 Series control valve enhances Hydra Bed® system performance

2013

30 Series Hydra Bed® unveiled at company's 30th Anniversary dealer event

2014

Electric Over Hydraulic Pump added as power option  
—  
Wireless Remote and Coded Pendant added to control options

#### 4 **HYDRA BED**

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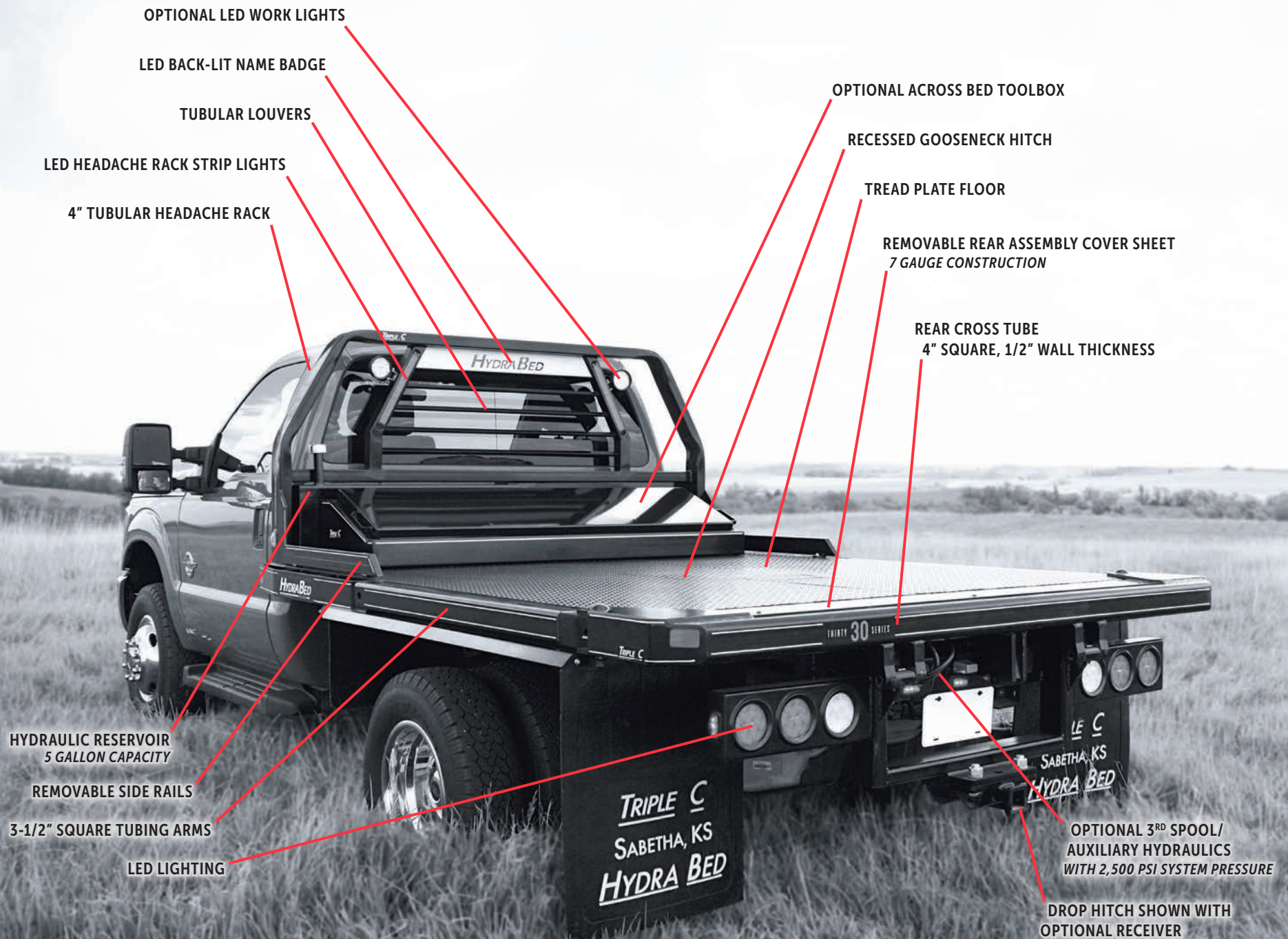
22 **PRO SPEAR**

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# 5 YEAR **STRUCTURAL WARRANTY**

# 2 YEAR ★ **SYSTEM WARRANTY**





# THIRTY **30** SERIES™ *HYDRA BED*

Feeding is one of the most important daily tasks on every livestock operation. Equipment must perform at full capacity under adverse conditions. Our **Hydra Bed®** system meets and exceeds those tough conditions and equips your 3/4 ton or larger truck for a wide range of farm and ranch jobs. The flush-mounted, live-hydraulic powered bale handler is totally integrated into the rugged flatbed. Winter feeding, summer hay hauling, year-round trailer towing and many other lifting tasks are easily and safely accomplished. Fingertip hydraulic controls enable you to haul, transport and/or unroll two large round or square bales. Generations of farm and ranch families across North America have proven the rugged dependability of the **Hydra Bed®** system for over three decades.

### RAPID BALE LOADING

Engine-driven pump provides bale load times as fast as 4 seconds. Electrically-driven pump provides load times as fast as 12 seconds. Determined by required hydraulic pressure or truck engine RPMs.

### 3,000 POUND LIFT CAPACITY

From day one, every **Hydra Bed®** has been built with excess lifting capacity to provide easy handling of even the heaviest dry and silage bales.

### AUTOMATIC ARM SYNCHRONIZATION

Pioneered by Triple C in 1984, this simple, proven re-phasing system provides automatic side-to-side centering of every load.

### OPERATOR-FRIENDLY GRIP RANGE

Arms open to 92 inches for unobstructed approach to bales. Automatic arm synchronization combined with a tight, 28 inch closed position generates positive grip on even less than perfect bales.

### MECHANICAL FREE FLOAT UNROLLING

Pioneered by Triple C in 1983, the mechanical free float protects the truck and operator from the impact of bale unrolling by automatically compensating for uneven ground and irregular bales. Consistent operation at all temperature extremes.



### MAIN REAR CROSS TUBE

Half-inch wall by 4-inch square, this is the key to the **Hydra Bed®**'s durability and ruggedness. Over-engineered to withstand the tough situations that occur routinely on every livestock operation.

### 12 INCH TOTAL MAIN HINGE LENGTH

Provides maximum support for every bale handling cycle. Alloy hinge pins and hinge bushings with 1/2" thick walls provide ruggedness and dependability.

### TIME-TESTED ARM DESIGN

Designed to thrive when subjected to the extreme horizontal and vertical forces during load handling and transportation.

### LEVEL-LOK MOUNTING SYSTEM

Every **Hydra Bed®** is installed with our unique Level-Lok mounting system with automatic side to side centering and front to back leveling of the bed. Developed in 1984, this heavy duty bracket system provides the installer ample weld area for secure mounting, customized to your make and model of truck. Once installed, the removal of 6 bolts allows simple bed take-off or transfer.

### DEPENDABLE FUNCTION MANAGEMENT

The **Hydra Bed®** valve system continues to feature simple design, proven load holding and reliable pressure management. Multiple control configurations available.

### RECESSED GOOSENECK HITCH

The 30,000 lb. rated 2-5/16" fifth-wheel ball is located just under the upper surface of the **Hydra Bed®** beneath an easily opened, ground-accessible door.

### DROP HITCH

Integrated into the 6" main frame, the drop hitch features tubular construction for multi-axis rigidity and a 3/4" thick, 3-hole hitch plate.



## INDUSTRY'S BROADEST CONTROL SELECTION

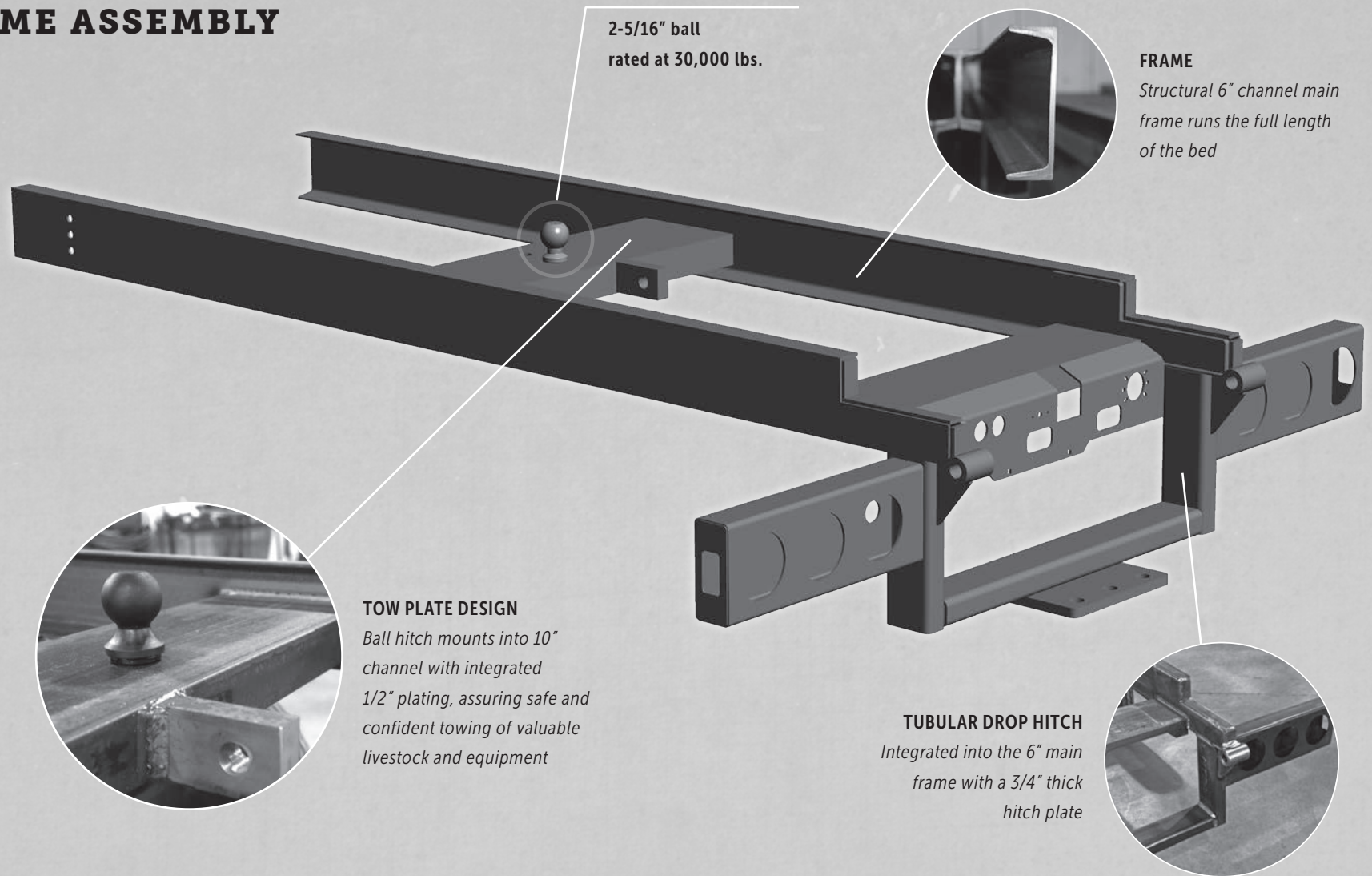
Four variations offer customized control of the **Hydra Bed®** to fit the operational setting and user's preference.

- Traditional cable controls offer exceptional speed regulation with the ability to control the flow of oil to any function of the **Hydra Bed®**. The resulting responsiveness allows for variable speed feathering for every loading situation.
- The wireless remote incorporates safety features including multi-second on switch and a time-out function to prevent accidental actuation without denying operational freedom.
- The corded pendant features hard-wired toggle switch operation, which provides reliable control of all valve functions while adding the option to operate from outside of the truck cab.
- Redundant control gives flexibility in choosing the type of control that best fits the task at hand with multiple control set-up: wireless remote and corded pendant.

## *HYDRA BED*® **STRUCTURAL and PERFORMANCE FEATURES**



# FRAME ASSEMBLY



## REAR ASSEMBLY

PROUDLY  
MADE IN THE  
USA

by  
SKILLED CRAFTSMEN

### ARM DESIGN

*Easily withstands extreme horizontal and vertical forces during operation*

### REAR CROSS TUBE

**4" x 4" x 1/2" tubing**

*At 21.6 lbs. per foot, there's superior torque and twist absorption for the heaviest of loads*

### HINGE ASSEMBLY

**6" each, 12" total**

*Features a machined hinge surface and greasable alloy pins for long life*

### ARM TUBING

**3-1/2" x 3-1/2" x 5/16" wall**



# POWER OPTIONS



## ENGINE-DRIVEN CLUTCH PUMP

### LOAD SPEEDS

Provides bale load times as fast as 4 seconds  
Oil flows from 4.5 GPM to 11 GPM  
Determined by truck engine RPM

### LIFT CAPACITY

3,000 lbs.

### LOCATION

Installed under the hood utilizing engine-specific mounting system

### PUMP POWER SOURCE

Truck engine supplies power via belt drive

## ELECTRIC DRIVEN TWO-STAGE PUMP

### LOAD SPEEDS

Provides bale load times as fast as 12 seconds  
Oil flows from 3.7 GPM to 5.5 GPM  
Determined by hydraulic pressure required

### LIFT CAPACITY

3,000 lbs.

### LOCATION

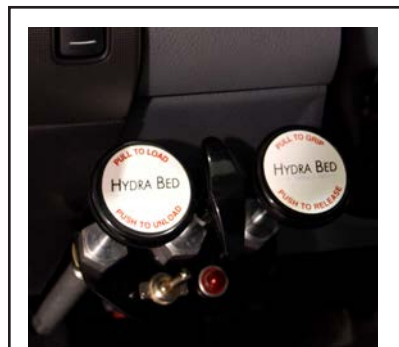
Mounted adjacent to system oil reservoir in the Hydra Bed® headache rack

### PUMP POWER SOURCE

Truck battery(s) and charging system drive pump motor via power cables

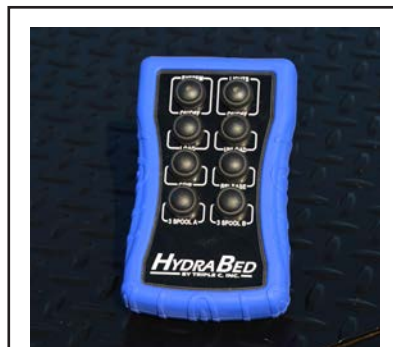


## CONTROL OPTIONS



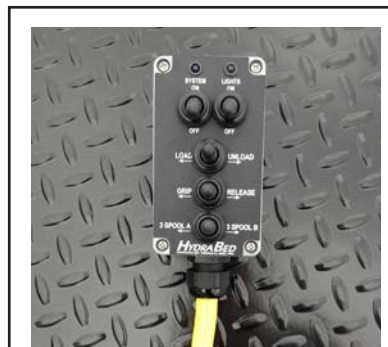
**VARIABLE SPEED CABLES**

Cables give the ability to totally control the flow of oil to any function of the **Hydra Bed®**. The resulting responsiveness allows for variable feathering and direct, precise control. **Only available with Engine Driven Clutch Pump.**



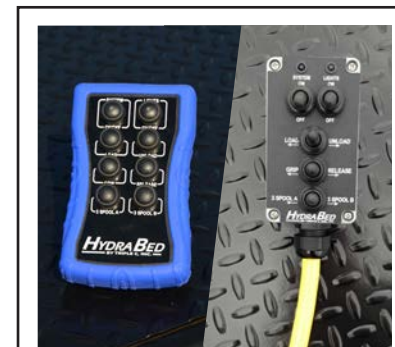
**WIRELESS REMOTE**

Intentional safety features like multi-second on switch and time-out function prevent accidental actuation without denying operational freedom.



**CORDED PENDANT**

Toggle switch operation provides reliable control of all valve functions with the option to operate from outside of the truck cab if the situation requires.



**REDUNDANT**

Prevent being stranded in the event the remote is lost and gain flexibility in choosing the type of control that best fits the task at hand with a multiple control set-up.

» Manual override provided on all control configurations

» All control options feature full control for Auxiliary/3rd Spool Hydraulics and Optional Headache Rack LED Work Lights



**5 YEAR  
STRUCTURAL  
WARRANTY**

**2 YEAR ★ SYSTEM  
WARRANTY**



### AVAILABLE HYDRA BED MODELS

	HB3100	HB3200	HB3250	HB3300	HB3350	HB3550
Length	7' 6"	8' 8"	8' 8"	9' 9"	9' 9"	11' 9"
Width	7'	7'	7' 8"	7'	7' 8"	7' 8"
Cab to Axle	40"	56"	56"	60"	60"	84"
Rear Wheels	Single	Single	Dual	Single	Dual	Dual
Installed Weight (lbs.)	1,800	1,900	1,950	1,975	2,075	2,275

## Crossed J Ranch / D & N Cattle Company

Darren Jackson • Coldwater, KS

"I bought my first bed in 1994. We have purchased 10 new beds and 1 used bed for a total of 11. My family and I own and operate a cow/calf ranching and farming operation in Comanche County, Kansas. We are in South Central Kansas right along the Oklahoma border. My great-great-grandfather started here in 1885 and my children are the sixth generation to live and work on this ranch. We feel very fortunate to be able to continue ranching on this land and I hope many generations of this family can also share this way of life.

"In the beginning, we tried an add on unit on an existing flatbed; while it was so much better than the electric winches we were using, it was very hard on alternators and slow. The first Hydra-Bed was unreal with its easy controls, engine driven pump and overall toughness, I was hooked!

"I got a really good deal in about 1998 on a competitor's bed and felt I had to try one. In my opinion there was no comparison, every bed since then has been a Hydra Bed! I started selling my pickups equipped with Hydra Beds, after I had put around 100,000 miles on them, to some of my neighbors, and the resale value was great because of the Hydra Bed. I had a 2000 model bed in '03 that developed a problem with the valve body and needed replaced, I contacted my dealer, Pro-Fab Welding, he got it in the next day, replaced the valve body and I never saw a bill. This was done after the warranty period at no cost to me! Things like that are what keeps me with Hydra Bed.

**"We currently have six Hydra Feeders on the ranch. We can feed large pellets, small pellets or grain with no adjustments at all. I switched to the Hydra Feeder because of the accuracy of the rate of feeding and no clogs or slipping belts."**

"Last year my two sons, Evan and Tylyn, and I baled 8,500 cane feed bales. The majority of those bales were hauled, stacked and fed with Hydra Beds. There would be no way for us to do the amount of work or feed the number of cattle we do without these beds. I use these beds for all sorts of jobs that have nothing to do with hay bales; we lift, pull and carry numerous things with them, the older I get the better I like them! I highly recommend Hydra Bed and their product line, you will not be sorry!"





"We've ran Hydra Beds for a long time...since I was a little kid, back in the '80s I'd say. That's when we bought those trucks from Erwin Chevrolet and put Hydra Beds on all of 'em. We have 10 ranches now, the furthest one being about 200 miles out, and all of 'em have Hydra Beds. We run at least one Hydra Bed pick-up per ranch, some of 'em have three (13 total). We are primarily a cow calf operation, backgrounding our calves on wheat pasture and then feeding and marketing them through several different natural programs. Those feed pick-ups, the Hydra Beds, are pieces of equipment in our business...it's like a farmer having a good tractor. I've seen a Hydra Bed pick the front end of a 1 ton pick-up up off the ground. As far as the change Hydra Bed created on our operation, I think that unrolling hay is super critical with the cost of hay now. All of our beds are the engine-mounted pumps, the speed is worth it. I think of them like an anvil. I don't even have to think about them. I love 'em. Our guys do, too. If I sent something else out to them, we'd have problems!"

- **Newley Hutchison**  
6th Generation | Chain Ranch • Canton, Oklahoma

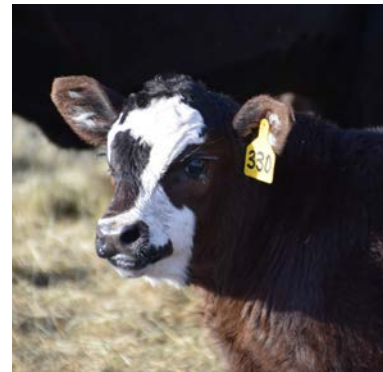




"The Chain Ranch is full of tradition and history dating back to 1893 when Oscar Chain traded fifty dollars and a shotgun for a quarter section (160 acres) in Dewey County, Oklahoma. Since that trade, the Chain Ranch has developed into a six-generation owned and operated family business, with four ranches in Oklahoma, three in Kansas and several leased properties in both states. The Ranch runs a cow/calf operation, in which all of the weaned calves are kept and marketed as fat cattle. We also handle stocker calves on grass and wheat pasture. The largest portion of our bulls are Limousin, Angus and Red Angus. The genetic integrity of our herd is maintained through our selective AI breeding program. The quality of our beef is evidenced in the manner in which we go to market. The vast majority of our cattle are marketed through several different natural programs, ensuring an all-natural product with no trace of antibiotics or hormones. The ranch farms approximately 10,000 acres of wheat, alfalfa and feed in Oklahoma and Kansas. In addition to these traditional crops, we are now incorporating canola, millet, and milo into our crop rotations. Lastly, we believe that our ranch is truly a gift from God. We're here to be good stewards of this land until he decides to take it back."

» courtesy of <http://www.chainranch.com>

« **Ralph Chain**, Third Generation, enters the barn for the Red Angus Assn. meeting the evening prior to Chain's 2014 production sale



Photos from Chain Ranch's 2014 Red Dirt Round-Up production sale



## ACROSS BED TOOLBOX



- Construction: 12-gauge steel
- Design Features: tool tray, efficient use of area not occupied by round bale, weather resistant
- Lid: full opening, left and right side latch access, lockable, stainless steel hinges, gas shock assisted
- Dimensions: 70" wide, 20" front to back, 12" high at front, 4" high at back
- Empty weight: 155 lbs.

# ACCESSORIES

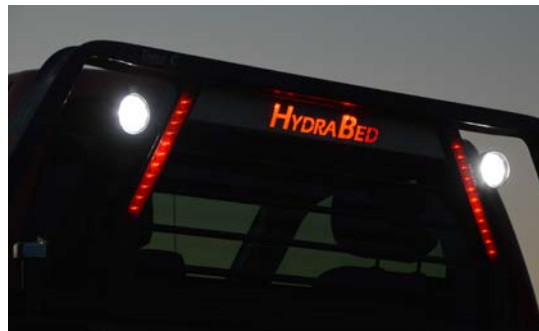
to fully equip your **HYDRABED®**

## UNDERBODY TOOLBOX



- Construction: 12 Gauge Steel
- Heavy-duty machined door hinges with 5/16" stainless steel pivot pin, end caps and grease fittings
- Flush-mounted, locking, stainless steel T-handle latch
- X-break in door for rigidity
- Industry's most water and dust resistant door design, further enhanced with automotive-type bulb rubber seal and X-break in door for rigidity
- Heavy-duty 3/16" door chains permit utilization of door as a convenient step

## LED WORK LIGHT KIT



- Light angle and rotation are user adjustable
- Wiring concealed in headache rack
- 720 lumen output
- Heavy duty design with powder coated, die cast aluminum housing and polycarbonate lens
- Low profile design—2 inches deep, 4 inches in diameter
- Stainless steel mounting hardware

## RECEIVER HITCH



- Accepts Standard 2" Insert
- Base Plate 3/4" Thick
- Bolts to standard Hydra Bed® Hitch Plate with 1" Grade 5 bolts
- Easily accessible safety chain loops
- No interference with bale handling functions

# HYDRA FEEDER™

BY TRIPLE C, INC.

The Hydra Feeder™ beltless, chainless direct drive system provides simple, dependable feed discharge. The standard hydraulic or optional electric power source is directly coupled to the 8" discharge auger. With minimum cube damage, the unit provides positive feed delivery rates up to 11 pounds per second. The Hydra Feeder™ is designed to be loaded onto and unloaded from the **Hydra Bed®** by the bale handling arms. The unit can also be used on a three-point tractor mount or Triple C's Hydra TM2000™ and powered by the tractor hydraulic system.

## HYDRAULIC DRIVE OPTION



The Hydra Feeder™ hydraulic drive motor powers the auger at 85 RPM when supplied with 4 GPM of hydraulic flow. Higher flows will produce proportionally higher auger RPMs. Back-lit programmable display counter is standard equipment (mounts in-cab).

## ELECTRIC DRIVE OPTION



The Hydra Feeder™ electric drive motor powers the auger at 85 RPM. An external switch located at the discharge tube provides easy bucket filling. Choose from the back-lit programmable display counter or a revolution-only display counter (both mount in-cab).

	HF 1200	HF 1800
Approx. Capacity	19.5 bu / 25 cu. ft.	28.5 bu / 38 cu. ft.
Dimensions	40" H x 66" W	40" H x 66" W
Front to Back	20"	31"
Empty Weight	403 lbs.	476 lbs.
Lid Design	Ground Operated, Full Opening, Gas Shock Assisted, Stainless Steel Hinges	
Drive	Direct Mount Hydraulic or Electric Motor	
Delivery	8" Auger (variable speed & reversible with hydraulic motor)	
Metering	Back-lit, In-cab, Programmable Digital Display (Revolution Only Option w/ Electric)	
Construction	12-Gauge Steel	



HF 1200  
+ Across Bed  
Toolbox



HF 1800  
+ Underbody  
Toolbox



Programmable In-Cab Digital Display Mounts to Dash



Hydraulic HF 1200 + Across Bed Toolbox



# HYDRA PHD™

POST HOLE DIGGER

Developed and designed for tough digging conditions, the HydraPHD™ is powered by a high-pressure, high-efficiency motor, which is isolated from all side and end thrust by two heavy self-aligning, greasable, sealed ball bearings. Instant reversibility and hydraulic cushioning by the system relief valve make operation fast and fool-proof in nearly any digging condition. Shear-pin breakage is virtually eliminated because all over-load and shock conditions are absorbed by the truck, tractor or skid loader's open or closed center hydraulic system.



## SPECIFICATIONS

*Recommended Pressure:*  
2,500 PSI

*Recommended Flow:*  
4 GPM to 15 GPM

*Speed at These Flows:*  
50 RPM to 170 RPM

*Maximum Torque:*  
6,360 in./lbs. - 530 ft./lbs.

*Options:*  
Tractor use - Category II  
3-Point Mast

*Augers:*  
Various configurations  
up to 12" in diameter

*Weight:*  
107 lbs.

# DUMP Box

DB 200

Mount, dismount, and dump with the use of Hydra Bed® arms and quick connect lift brackets. Compatible with the Hydra Feeder™ - Across Bed Toolbox combination and with Hydra FLKR™ (consult factory for specific details).

## SPECIFICATIONS

*Struck Capacity:* Two Cubic Yards

*Dimensions:* 21" High, 74" Long, 68-1/2" Wide

*Weight:* 355 lbs.

*Dumping Angle:* Up to 180 Degrees



# HYDRA FLKR™

SQUARE BALE FLAKER

The Hydra FLKR™ was developed to safely and efficiently accomplish single-operator large square bale feeding, greatly reducing costs and risk of injury. After bales are loaded, utilizing the proven hydraulics of the Hydra Bed®, the Hydra FLKR™ separates flakes from each bale, then drops them onto the ground or feed aprons as well as into bunks, hay rings or tire feeders. The operator controls the rate at which each bale is processed. To minimize leaf loss, flake separation is accomplished utilizing an innovative retracting finger mechanism. The hydraulic bale ramping function helps control premature flake drop. The bale advance design provides operator determined incremental feeding rates.

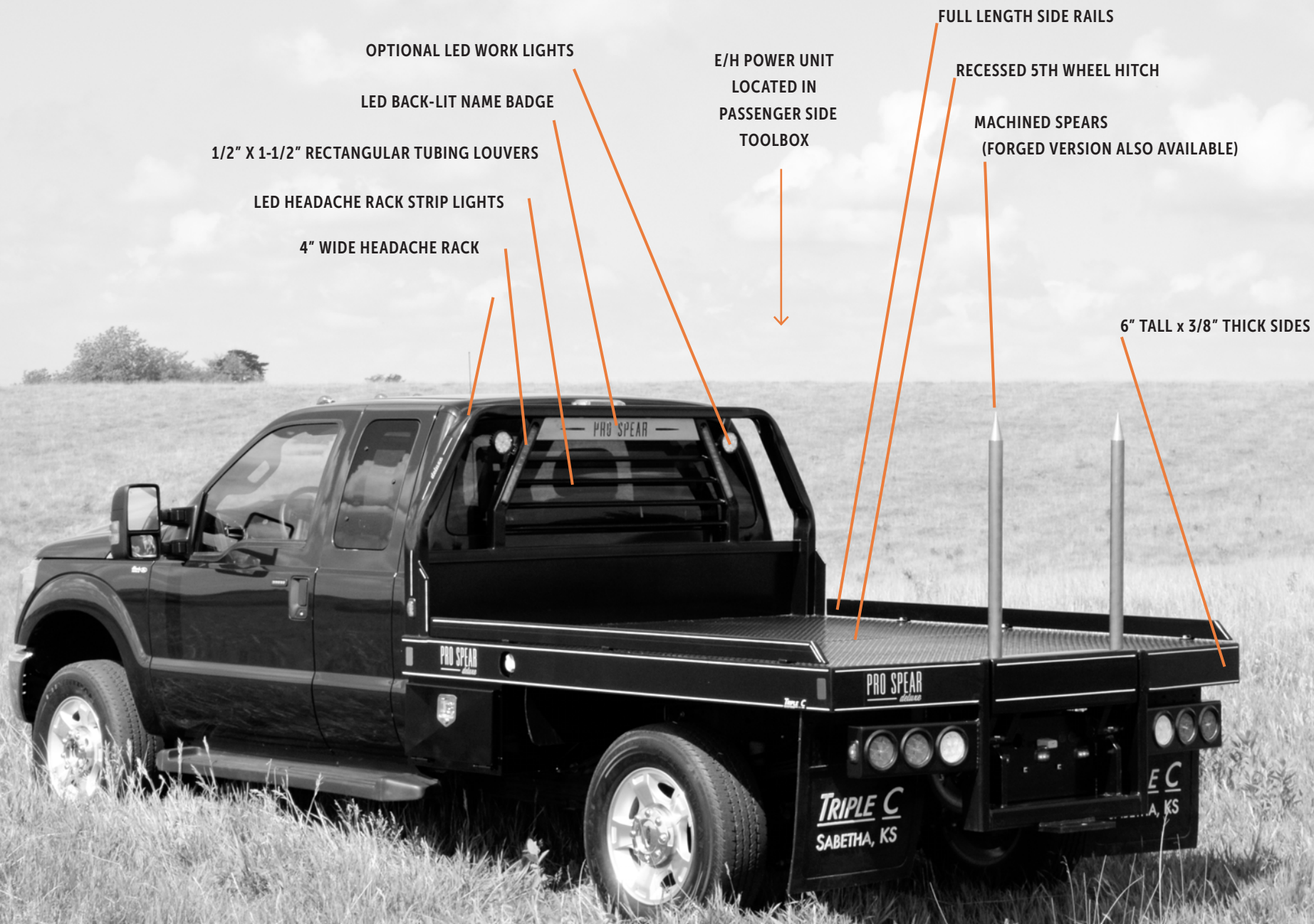
The machine is powered by the Hydra Bed® hydraulic system and is controlled from the driver's seat. The Hydra FLKR™ is easily and quickly installed on most Hydra Bed® models and can be removed in minutes when the feeding season is completed. The Hydra Bed® arms can be equipped with bale engagement attachments to securely grip and load bales onto the Hydra FLKR™. A second bale may be carried in the arms during transport and feeding. The unit may also be loaded by a tractor loader or other suitable equipment.

*Note: Hydra Bed® bale engagement attachments require approximately 10" of clearance between bale tier ends for successful retrieval from stacks.*



## SPECIFICATIONS

- Hand-held pendant controls FLAKE, PUSH & RAMP functions
- Driver's side discharge
- Dispenses individual or groups of flakes (dependent on bale conditions) in bunks, along feed aprons or on the ground
- Separates flakes with innovative lifting action designed to minimize leaf loss
- Hydraulic platform ramping assists with flake drop rate
- Self-loading when installed on Hydra Bed® equipped trucks
- Handles square bale sizes 3x3, 3x4 or 4x4, weighing up to 2,500 lbs.
- Easy mounting and removal
- Capable of use with other power sources (contact factory)





# PRO SPEAR

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*deluxe*

New design features enhance this reliable bale spike bed. The Pro Spear combines time-tested engineering utilized in the Hydra Bed® with a commitment of manufacturing the best looking spear bed in the marketplace. The hinges are identical to that of the Hydra Bed® – 12" total. They are located 12" beneath the surface of the flatbed, achieving a low lifting position. This is particularly important when handling older bales. The construction of the frame, drop hitch, headache rack and 5th wheel channel iron are similar to that of the Hydra Bed®. The sides of the bed are constructed of 6" high by 3/8" thick flat iron.



## FEATURES

- Innovative Spear Locks
- Spring Loaded Spear Storage System
- 12" of Hinge on Lifting Mechanism
- Heavy Wall Drop Hitch
- Recessed Gooseneck Hitch
- 5" Channel Iron Main Frame
- 6" Tall x 3/8" Thick Sides



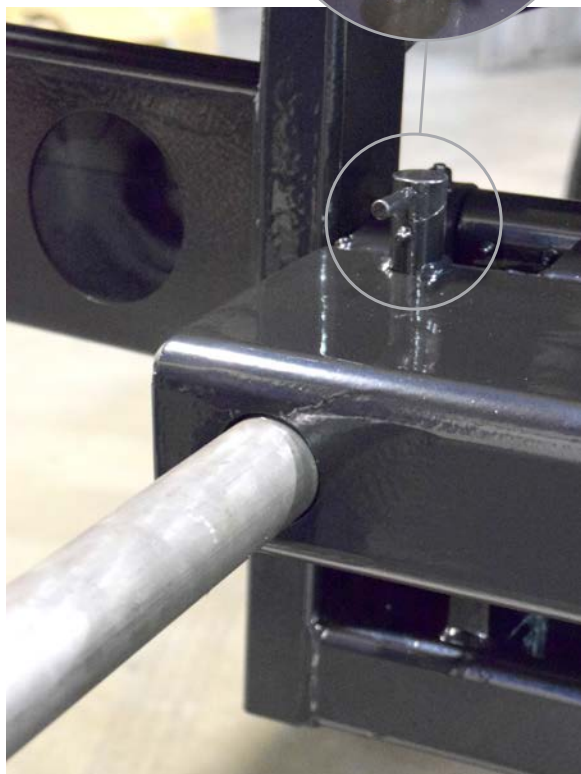
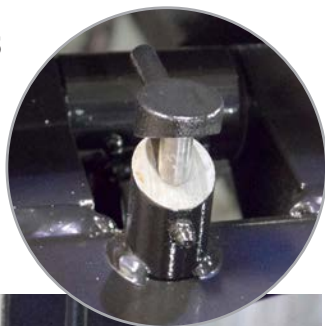
Self-contained, self-locking spear storage.



	PSD100	PSD200	PSD250	PSD300	PSD350	PSD550
Length	7' 4"	8' 6"	8' 6"	9' 6"	9' 6"	11' 6"
Width	7'	7'	8'	7'	8'	8'
Cab to Axle	40"	56"	56"	60"	60"	84"
Rear Wheels	Single	Single	Dual	Single	Dual	Dual
Installed Weight (lbs.)	1,360	1,480	1,550	1,565	1,610	1,800

## SPEAR LOCKS

Innovative design ensures spear retention with twist lock plunger pins as opposed to traditional snap pins.



## ROBUST HINGE DESIGN

Time-tested bale lifting mechanism pivots on a pair of heavy-duty, 6-inch hinges.



## POWER



Electric over Hydraulic power unit is housed in the passenger side under-body toolbox.

## CONTROL



Hand-held corded pendant provides simple, flexible control for loading and unloading.

## OPTIONAL EQUIPMENT & COMPATIBLE ACCESSORIES

- Across Bed Toolbox
- Receiver Hitch
- LED Headache Rack Work Lights
- Electric Hydra Feeder™



## HYDRA<sup>TM</sup>2000 TRACTOR MOUNT

The Hydra<sup>TM</sup>2000<sup>TM</sup> tractor-mount bale handler/unroller from Triple C, Inc. has been backed by actual ranch use since 1986. Bales weighing up to 2,000 pounds can be transported or unrolled from the comfort and safety of your tractor cab. (The safe lifting capacity of your tractor's 3-point hitch will determine maximum load handling capability.) The automatically synchronized bale-gripping arms assure positive centering of the bale. This proven design feature makes unrolling solid core bales of all types simple and efficient. Designed only for use on ROPS equipped tractors. Always wear your safety belt.



## HYDRA GRABBER<sup>TM</sup> SQUARE BALE HANDLER

Loading and transporting large square bales becomes safe and efficient with the Hydra Grabber<sup>TM</sup> loader attachment. The simple but effective design of this machine engages bales from any side. Hydraulic power provides rapid engagement and retraction of the aggressive bale hooks. With the hooks retracted, the operator simply places the machine in contact with the selected bale face. Stack push-over is no longer a concern, as the bale hooks move from fully retracted to fully embedded in the bale only after the loader is no longer in motion. After bales are in position, the hooks are hydraulically retracted, releasing the bales.







*Manufacturing quality ranch equipment since 1983*



**TRIPLE C**  
INC

[www.triple-c-inc.com](http://www.triple-c-inc.com)

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