



CIRCLE C EQUIPMENT, LLC



***American Eagle
Bale Stacker***



***Golden Eagle
Wheel Rake***



***Super
Conditioner***



***Irrigation
Wheels***

Hermiston, OR • www.superhay.net • (541) 567-2992

American Eagle Big Bale Stacker

The following features make the American Eagle the #1 choice of commercial hay farmers and custom operators.



Easy to Drive and Operate: "one-touch" computer operated bale pickup - simple to operate even in manual mode.

Greater Operator Safety: The bale never passes over the cab as with most competitive models. Hydraulic operation ceases automatically when cab door is opened.

Built stronger than it has to be: The American Eagle stacker has been designed for easy repair with as many off-the-shelf parts as possible.

Fully Supported, Positive- Action Lift Arm: Two cylinders lift the bale on a single hinge point for greater strength.

Street Legal: No protruding arms in front of the stacker. Drive the American Eagle 1 or 1000 miles with ease.

Lower Center of Gravity: The bale is kept lower during the lift cycle making the American Eagle ideal for hillside operation.

Cleaner Radiator & Engine: The bale is never in front of the truck, so there is no bale dust to plug the radiator.

Irrigation Friendly: Works with irrigation corrugates - Does not destroy them. No need to cross corrugates or pivot tracks to pick up hay.

Stacking in Sheds: Telescoping front bed allows stacking and retrieving in sheds with an eave height as low as 18 feet.

One-Touch Control: The computer controlled arm loads each bale automatically.



1. The robotic arm lowers to the side and sinks its 16 tines into the bale.



2. The arm raises, swivels and lowers the bale onto the bed. Once two bales (three 3X3s) are loaded, they sweep back.



3. When full, the bed can be tilted past 90 degrees to stack up to 6 high. Stacks are tight and onisistent.

Load up to 90 tons in an hour with only ONE OPERATOR!

American Eagle Big Bale Stacker Features...



The "Sure Grip" big bale claw tightly grasps even loose and tattered bales. The 8 foot, 2-ton capacity robotic arm is equipped with a mechanical deceleration valve.



The clam shell grapple and optional retrieval attachment make stacking and retrieving any large bale size a dream.



Dual 3000 psi bed lift cylinders with double-acting safety valves ensure that the load will be lifted safely, smoothly, and quickly.



Retractable bale catcher arm with "air-ride" suspension provides stability while picking up bales.



Programmable controller is sealed from dust or moisture. Only 7 limit switches for fully automatic operation.



Electric-over-hydraulic valves. JIC & Boss O-Ring hydraulic fittings. 75 gal. reservoir with 2 phase filter system.



The American Eagle can carry:
(8) 4X4 bales
(12) 3X4 bales
or (18) 3X3 bales
quickly and efficiently.

 **Quality**
is our #1 Goal

Circle C Equipment has been producing the American Eagle Since 1995. Since that time the company has continued to upgrade and improve our materials and manufacturing procedures to provide you with the most up-to-date and farmer tough technology available to meet the highest standards.

American Eagle Big Bale Stacker

Specifications and Options:

Stacker Specs:

Weight - Stacker apparatus = +/- 10,605 lbs. Total weight with truck and stacker averages +/- 26,300 lbs empty. (Weights are an average, and are variable depending on truck options. For an exact weight contact your Circle C Representative.)

Bed Length, Width, and Height - Bed length is 248-1/4 inches. Width of the bed is 95-3/8 inches. Height of the bed is +/- 55 inches.

Hydraulics - Hytos control valves, Daman 10 bank manifold (optional valve bank accessibility), Vickers pump (model 131 or 98 depending on truck), Gates double braid hoses, Prince cylinders, 75 gal. oil reservoir. Valves, manifold, reservoir, and auxilliary air are mounted on the driver's side just behind the cab for ease of accessibility.

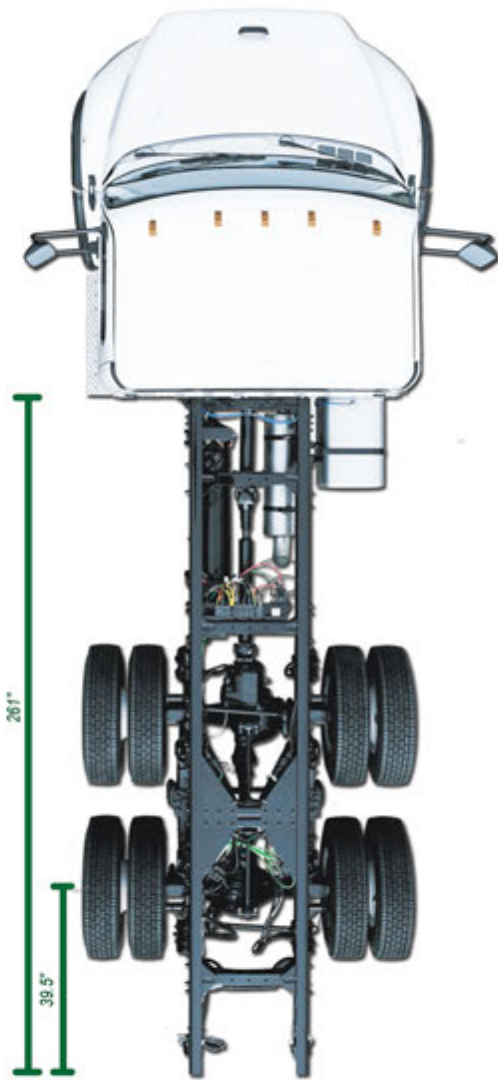
Computer Control - Schneider computer, Hoffman industrial sealed enclosure, with dust-proof/moisture-proof toggle style switches. The computer is post-mounted in center of cab for ease of accessibility during operation. All control circuits are 24 volt capacity.

Arm - Turn-table mounted, fully-reinforced steel arm with 2-ton lifting capacity. Hydraulic and chain driven, adjustable grapple with hydraulically controlled 16-tine claw. Tines are constructed of 1/2" T1.

Tow Package - Bring along a trailer or other vehicle while traveling to distant jobs.

Stabilizer Bars - Useful when stacking mid-sized bales, or when working on a hillside.

Retrieval Attachment - When retrieving from loose stacks, or on a sloping hillside, this attachment bolts on quickly to the front bed extension for a strong positive grip on the top of the stack.



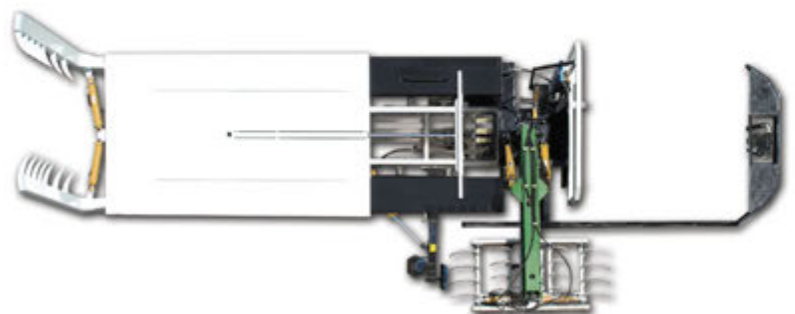
All trucks must measure 261" of useable frame (no obstructions) from the back of the cab to the rail ends. Additionally, 39-1/2 inches from the end of the frame to the center of rear-most axle. Height at rear axle is 38".

Options:

Tool Box - Handy steel box, mounted just behind the hydraulic oil reservoir on the driver's side, provides great access to tools and other necessities while in the field.

Customized Lettering - Market your business as you travel from field to field.

Flotation Tires and Wheels - Useful when ground conditions do not allow the pressure found in normal radial tire/wheel configurations.



Golden Eagle Wheel Rake

The Best Hay Rake in the Industry Is Now Even Better!



**New heavier-duty spring flotation!
New wheel-dampening system!**



The Golden Eagle Wheel Rake can be pulled with your tractor, pickup bumper hitch, or on a gooseneck without modifications.

Transport mode is 8 1/2 feet with wings and allows easy access from local highways to your most distant fields.

Auxiliary hydraulics are available when pulled with a pickup for complete control inside the cab, or use your tractor's hydraulics with the same level of optimum control.

Models available from 16 to 32 wheels. Rake up to 54 feet wide from the comfort of your pickup or tractor cab.

Depth band technology keeps tines out of the soil. Your hay is free of dirt and rocks, increasing hay value and enhancing tine life. *(Patents Pending)*



The Golden Eagle offers many features not found on other rakes in the industry:

1. **Heavier-duty spring flotation.**
2. **Wheel-dampening system.**
3. **Pivoting main-frame.** Less wear and longer life than telescoping frames.
4. **18-spoke wheels with UHMW facing skin,** compared with 5 or 6 spoke wheels.
5. **Single point wheel float control** compared to adjusting each and every wheel separately.
6. **Rake Axles are mounted at center,** allowing better field maneuvering.
7. **Golden Eagle wheels carry 18 double, rubber based tines** for cleaner raking.
8. **Depth bands to prevent soil penetration.** Less soil and rocks in the windrow.
9. **More positive wheel drive mechanism.** No tine contact with the ground is necessary to turn the wheels.
10. **Bale density is more consistent** and the hay dries faster because hay receives better aeration.



Optional fully adjustable "Center Kicker" is great for raking three windrows.



The Golden Eagle Wheel Rake is strong enough to be used in the corn.

Visit our website to read what other satisfied customers are saying about our equipment!
www.superhay.net

Don't just take our word for it. Listen to what current owners are saying:

"We have a large-scale forage harvesting operation, serving some of the largest dairies in the United States. We require our equipment to handle well under heavy use and tough conditions on a daily basis. We ran the 50-foot Golden Eagle Wheel Rake throughout the entire 2003 season, putting over 42,000 acres on it. It operated trouble-free, and ended the season in very good condition!"

*John McNeel
Western Hay, Boardman, Oregon*

Working Widths

16 Wheel Rake - 27' Working Width
18 Wheel Rake - 30' Working Width
24 Wheel Rake - 40' Working Width

Length, Width, and Height

Lengths vary depending on number of wheels, and with or without center kicker tongue option. Folded width is 8.5 feet. Level rake height is 82 inches.

Weight

Weights vary depending on number of wheels and options. Call for weight specifications concerning your application.

Tires and Wheels

Dual Axles with 31/10.5R-15/6 tires and wheels.

Hydraulics

Fasse electric over hydraulic valves and manifold. Gates double braid hoses and Prince cylinders. Valves and manifold are mounted on the front tongue of the rake for ease of access. Normally run in closed-center mode with optional kit to convert for open-centered tractor hydraulics.

Hydraulic Open-Center Kit

Included for tractor hydraulic systems that require an Open-Center kit rather than industry standard Closed-Center.

Options:

Hydraulic Pump Package

Auxilliary electric hydraulic pump and oil reservoir that mounts easily into the bed of your pickup or other towing rig. Makes it easy to travel from field to field quickly. Recommended for custom raking operations.

5 Wheel Center-Kicker

Maximize your raking capacity by picking up hay from center windrows.

The Most Versatile Rake in the Industry!



***The Best Concept in
Hay Raking Keeps
Getting Better!***



Generation 3 Super Conditioner

The Generation 3 Super Conditioner continues to offer the exceptional benefits of crushing the full length of the stem. This causes the hay to dry down faster than ever before, and allows the crop to be ready to bale much sooner than conventional mechanical conditioners. Fast drying hay is more nutritious, sweeter, greener, softer and more palatable.

The system aggressively feeds crops through the rolls enabling high-speed swathing. This improved feedability overcomes challenging conditions without plugging and wrapping.

The rolls are more durable than ever because the intermeshing pattern has a much thicker layer of rubber allowing debris to be ejected with little or no damage to rubber or rolls.



**High Quality
Hay Sells!**

The Generation 3 Super Conditioner includes removeable shafts.

In the case that a shaft is damaged by excessive bearing heat or by large object impact, the shaft is easily exchanged for a new one rather than having to replace the entire conditioner roll as found in other conditioners.



Hay that is Super Conditioned is softer because of the full-length stem cracks.

Hay that has this full-length conditioning stops respiration sooner, and thus dries faster than hay that has been conditioned by conventional rolls.



Super Fast Drydown with Super Feedability...

**Only the Super Conditioner
provides a CONSTANT
point of contact!**

Conventional roll designs are gapped to overcome harsh roll variances. This reduces conditioning effects.



The Super Conditioner is precision designed to provide a full-length stem crush and a smooth ride.



The Air Pressure System

provides just the right amount of linear pressure to the rolls to create a full stem conditioning without macerating or destroying the crop. The easy-to-use adjustment gives you the proper roll tension.



More Rubber for Even better Durability!

Second Generation Roll



Third Generation Roll



Quality Conditioned Hay...

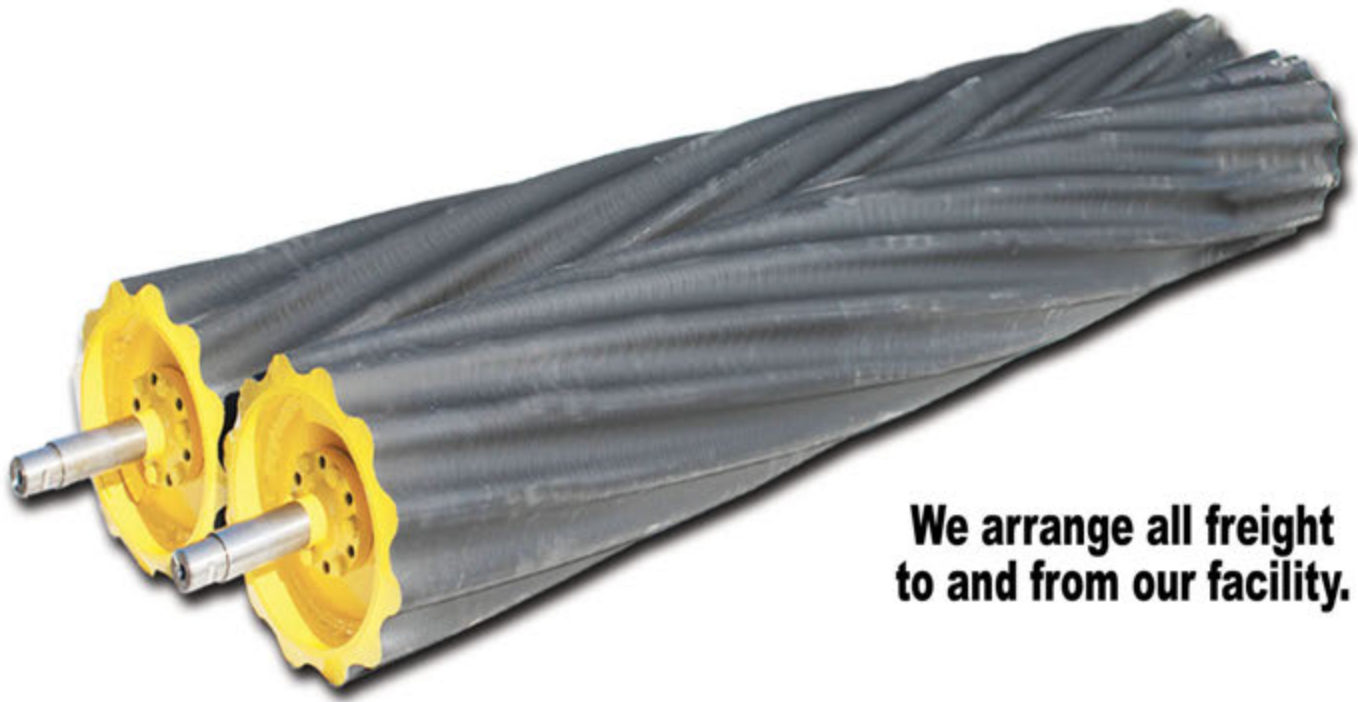


You Can See the Difference!

Conditioner Roll Resurfacing

We resurface all manufacturers rubber and steel conditioning rolls with our full contact pattern.*

**Some exclusions apply*

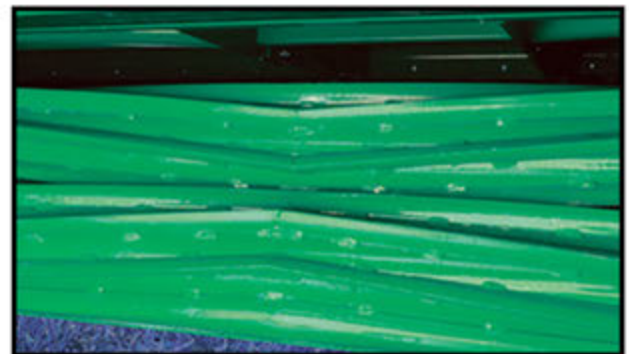


**We arrange all freight
to and from our facility.**

**Full Contact Conditioning Using Your Stock
Torsion Bar or Hydraulic Tension Systems.**



Stock Rubber Conditioning Rolls



Stock Steel Conditioning Rolls

Proven Technology Produces Faster Drying, Higher Quality Hay!

Steel Circle Wheels

Let us help you win the battle against flat tires and getting stuck in the mud.



- Flat free.
- Maintenance Free
- Maximum Flotation

Durable polyurethane coating provides a protective barrier to withstand the toughest situations.

- No more harvesting dirt from the track edge.
- Cut across your circle tracks with ease.

Repeatedly running rubber tires on wet, muddy ground will always get you stuck, in more ways than one.



1st Year



4th Year

100% Money Back Guarantee on 3 sets or less for one season.

The only wheel that leaves the dirt in the track.

Innovative Equipment Built *by* Farmers *for* Farmers

Manufactured by



Circle C Equipment, LLC

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www.superhay.net