

**Unverferth**<sup>®</sup>  
Manufacturing Company, Inc.

For Brent, Parker and  
Unverferth Grain Carts

# GRAIN CART

## TRACK SYSTEMS



## HIGH-FLOTATION SOLUTIONS

FOR INCREASED YIELDS & GREATER HARVEST EFFICIENCY

# GRAIN CART TRACK SYSTEMS

## HIGH-FLOTATION SOLUTIONS FOR INCREASED YIELDS

### EXPERTS IN TRACK DESIGN

*Unverferth Manufacturing has been dedicated to building the most durable, innovative and feature-rich grain cart track system for more than 25 years. With this experience comes a wealth of knowledge on how a track system should perform and be designed to provide the maximum return on investment. Every grain cart track system features belts manufactured from an exclusive state-of-the-art rubber compound technology and boasts a construction process that is unrivaled in the industry.*

### BELT DESIGN

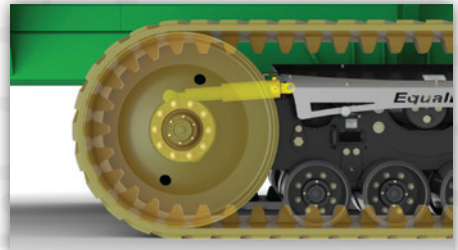
- All track systems feature an exclusive rubber belt construction that molds the tread, guide lugs and belt together as one piece, which eliminates the need for glued-on components
- Low-profile tread design provides greater flotation and traction while minimizing berming
- Highly durable track carcass features steel reinforcements in the belt for increased durability

### TRACK CONSTRUCTION

- Hydraulic tensioning with pressure gauge ensures the belt is always in proper tension for increasing life while maximizing ground contact
  - If adjustment is necessary, simply connect the supplied hydraulic hose to the track and to the tractor for quick tensioning
  - Hydraulic accumulator cushions the track when coming into contact with an obstruction
- The main end-wheels and bogie wheels are all on the same plane, which maximizes the footprint of the track belt on the ground
- Main end-wheels and bogie wheels feature rounded edges that match the profile of the belt guide lugs for long-term, trouble-free use
- Cast, pivoting bogie wheels allow the track to walk over obstacles and follow uneven terrain
- Greaseable hubs feature purgeable triple-lip seals that allow the operator to fill the hub with fresh, clean grease for maximizing bearing life
- Grain cart tracks are meticulously tested at the factory for proper alignment and operation
- Integrated debris deflector in end-wheels keeps hubs cleaner for easier maintenance and are standard on tracks with 40" diameter end wheels



EXCLUSIVE RUBBER BELT DESIGN



HYDRAULIC TENSIONING



WHEELS ON SAME PLANE



CAST, PIVOTING BOGIE WHEELS



DEBRIS DEFLECTOR



# EQUALIZER® TRACK SYSTEM

## 50" - AND 42" - WIDE GRAIN CART TRACKS

### MAXIMUM FLOTATION

*Not all tracks are created equal. Only the Equalizer® track system offers belt widths of 50" and 42" with a patented design that allows each track to camber up to 9° from side-to-side and up to 20° front-to-back. This ensures the entire footprint of the track is on the ground through uneven terrain and while traveling down roads with a crown. This also maximizes field flotation and increases the life of the belt. Combine this innovative design with the added convenience of the standard auto-greaser with quick-fill, and you have the leading grain cart track system in the industry.*



PATENTED CAMBER DESIGN

### EQUALIZER SIZES

- 4-bogie track with a 50"-wide belt is available for 2,000-bushel and larger grain carts and features more than 72 square feet of ground contact area
- 4-bogie track with a 42"-wide belt is available for 2,000- to 1,300-bushel grain carts and features more than 60 square feet of ground contact area
- 2-bogie track with a 42"-wide belt is available for 1,300- to 1,100-bushel grain carts and features more than 50 square feet of ground contact area
- 4-bogie tracks feature 105" of ground contact, and 2-bogie tracks feature 87" of ground contact length measured from center of hub to center of hub on the main end-wheels
- 40" diameter main end-wheels feature 10-bolt hubs for added durability



STANDARD AUTO-GREASER



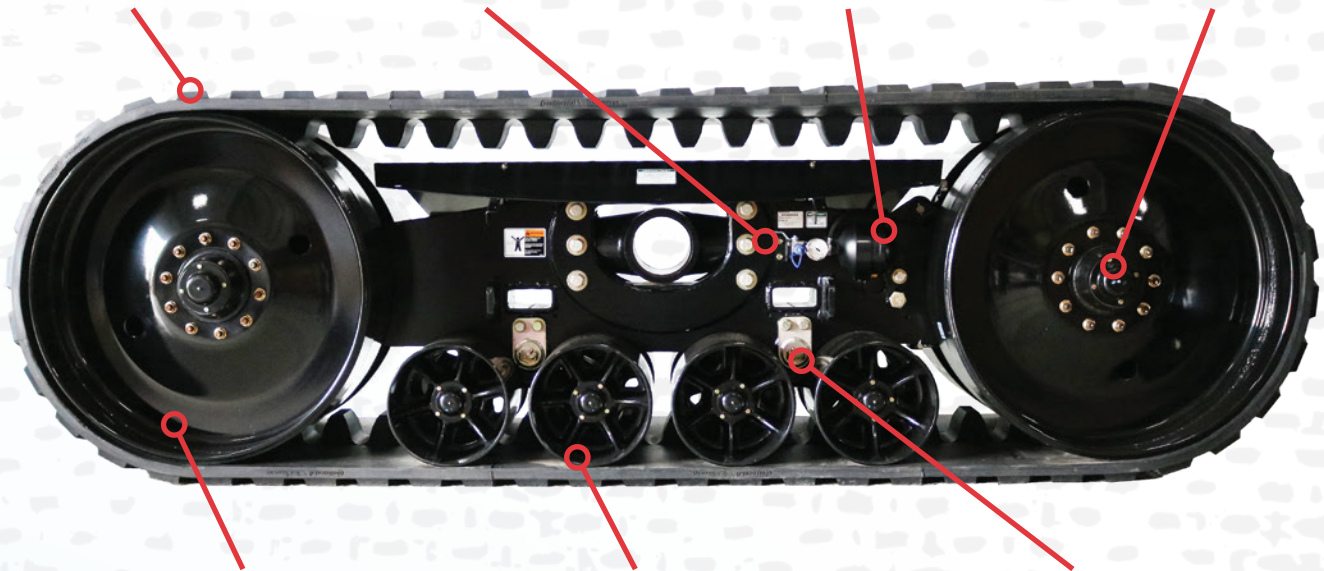
## EQUALIZER TECHNOLOGY

Guide lugs, tread and belt are molded together as one piece for the greatest strength.

Hydraulic belt tensioning ensures proper tension with pressure gauge for convenient verification.

Hydraulic accumulator cushions the track when coming into contact with obstructions.

Hubs are greaseable with purgeable seals so debris can be pushed out for worry-free operation.



40" main end-wheels feature 10-bolt hubs for long-term, trouble-free use.

Cast-iron bogie wheels are on the same plane as the end-wheels to maximize footprint.

Each bogie wheel pair pivots together for uniform weight distribution over uneven terrain.

Equalizer Specifications	2,500–2,000-bushel-capacity carts	2,000–1,300-bushel-capacity carts	1,300–1,100-bushel-capacity carts
Total Footprint (for 2 Tracks)	72.97 sq. ft.	61.25 sq. ft.	50.75 sq. ft.
Track Width	50"	42"	42"
Track Length	148"	148"	131"
Ground Contact Length	105"	105"	87"
Ground Contact Area for 1 Track	5,250 sq. in.	4,410 sq. in.	3,654 sq. in.
Bogie Wheels for 2 Tracks	16	16	8
Pivot Shaft Diameter	7"	7"	6"
Front-to-Back Pivot	±20°	±20°	±20°
Camber (Side-to-Side) Oscillation	±9°	±9°	±9°
Approx. Weight for 2 Tracks	16,180 lbs.	14,870 lbs.	12,335 lbs.



# EQUALIZER® SP TRACK SYSTEM

ADDED SUSPENSION FOR THE ULTIMATE FLOTATION

When you're seeking the ultimate flotation for your 2,000-plus bushel capacity Brent, Parker or Unverferth grain cart, look to the EQUALIZER® SP track system that takes flotation to the next level.

Upper idler wheel keeps belt properly positioned throughout the various track movements for longer belt life and reduced maintenance

Patent-pending, laterally mounted and rubber-cushioned suspension design provides a smoother ride over rough terrain and enhances component life with less shock transferred to the cart for increased life



One-piece 50" x 172" long belt for an impressive footprint of nearly 90 square feet

In addition to the main center trunnion pivot, each set of bogie wheels pivots from +/- 17° from front-to-rear and +/- 10° from side-to-side to maximize ground contact for virtually the entire track length for ultimate flotation and stability

Equalizer SP Specifications	2,500–2,000-bushel-capacity carts
Total Footprint (for 2 Tracks)	88.6 sq. ft.
Track Width	50"
Track Length	172"
Ground Contact Length	128"
Ground Contact Area for 1 Track	6,400 sq. in.
Bogie Wheels for 2 Tracks	16
Pivot Shaft Diameter	7"
Front-to-Back Pivot	±20°
Camber (Side-to-Side Oscillation)	±9°
Approx. Weight for 2 Tracks	19,566 lbs.



# STANDARD TRACK SYSTEM

## 36"-WIDE GRAIN CART TRACKS

### TRACKS FOR ALL OPERATIONS

With more than 25 years of experience in building grain cart track systems, Unverferth Manufacturing sets the standards for superior flotation and durability. The 36"-wide standard track system for grain carts offers a wide range of sizes, exclusive rubber belt design, hydraulic tensioning and up to 20° of front-to-back pivot to follow ground contours.

### TRACK SIZES

- 4-bogie track with 40" end-wheels and a 36"-wide belt is available for 2,000- to 1,100-bushel grain carts and features more than 52 square feet of ground contact area
- 2-bogie track with 40" end-wheels and a 36"-wide belt is available for 1,300- to 1,000-bushel grain carts and features more than 43 square feet of ground contact area
  - With 40" end-wheels, the 4-bogie track features 105" of ground contact, and the 2-bogie track features 87" of ground contact length measured from center of hub to center of hub on the main end-wheels
- 2-bogie track with 32" end-wheels and a 36"-wide belt is available for 1,100- to 850-bushel grain carts and features more than 37 square feet of ground contact area
  - With 32" end-wheels, the 2-bogie track features 75" of ground contact length measured from center of hub to center of hub on the main end-wheels

Standard Specifications	2,000–1,100-bushel-capacity carts	1,100–1,000-bushel-capacity carts	1,100–850-bushel-capacity carts
Total Footprint (for 2 Tracks)	52.5 sq. ft.	43.5 sq. ft.	37.5 sq. ft.
Track Width	36"	36"	36"
Track Length	148"	131"	112"
Ground Contact Length	105"	87"	75"
Ground Contact Area for 1 Track	3,780 sq. in.	3,132 sq. in.	2,700 sq. in.
Bogie Wheels for 2 Tracks	16	8	8
Pivot Shaft Diameter	7"	6"	6"
Front-to-Back Pivot	±20°	±20°	±20°
Approx. Weight for 2 Tracks	12,615 lbs.	10,780 lbs.	8,260 lbs.



Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit [Unverferth.com/patents](http://Unverferth.com/patents).

**Unverferth**  
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Printed in U.S.A. Additional facilities in  
California, Georgia, Iowa, Nebraska,  
North Dakota, Texas, Washington, Ontario  
and Saskatchewan.

TRACKS-5251100M5