

# The Brent Grain Train<sup>®</sup>



***Railroad Tough,  
Roadway Smart***

**EXHIBIT 1007**

*IPR Petition for U.S. Patent No. 6,176,504*



# Durability, Towability, Unloading Ease

The Brent Grain Train® wagon is the only grain transport vehicle that combines the toughness and durability of a rail car with the smart design innovations of a road car.

The Grain Train — whether pulled singly or in tandem — delivers durability, towability

and unloading ease. Practical engineering and efficient design have created a grain transport vehicle integrating the most important standard equipment and the most requested optional equipment of any grain wagon available for today's top producers...like you.



- All exposed seams are silicone-sealed to prevent corrosion
- Corrugated sidewalls provide added load-carrying strength

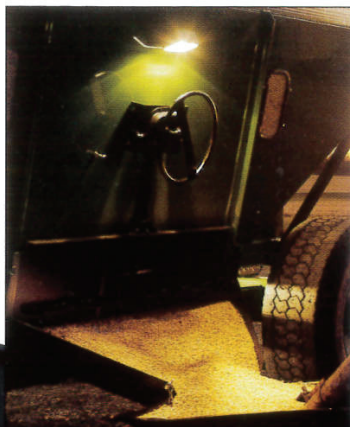


- Waveless, steep-sided, graphite-coated interior surfaces and 5'-wide unloading door ensure speedy unloading of even high-moisture corn
- Center-line, one-piece pull-through hitch design provides unequalled towing control
- Windows on front and side allow quicker, safer load viewing from the tractor cab or ground
- Rack-and-pinion door mechanism with gear reduction makes for effortless opening of unloading door
- Hydraulic surge brake system has shock absorbers with brake actuators for smooth brake engagement. Brakes automatically disengage when backing. Rear brakes on models 540 and 440. Four-wheel braking on models 740 and 640

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- High-intensity halogen light for easier nighttime unloading



- D.O.T.-approved red and flashing amber taillight package makes transport safer
- Rear electric receptacle and hitch for convenient linking of tandem units
- Built-in clevis on front and rear for securing optional safety chain

- Load-sampling door in the unloading door makes grain sampling easy and convenient



- Spring-counterbalanced extendable tongue makes hookup easy for one person
- A front-mounted ladder for easy load-checking is standard equipment
- Right- or left-side unloading complete with center-dump deflector for unloading efficiency
- Heavy-duty hubs and special-alloy spindles provide years of dependable service
- Torsion-bar suspension and mounting at all four corners keeps the heaviest loads level, providing greater stability over uneven terrain and minimizing bounce when traveling empty
- Full primer base coat and a choice of implement red or green enamel topcoat provide a long-lasting finish

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# Optional Equipment:

- Tarp package protects grain/seed from the weather or to use your Grain Train for temporary storage
- Plastic or steel unloading augers when using the Grain Train wagon as a bulk materials carrier. Augers can be fitted with your choice of brush-tip, steel or plastic flighting
- Wheel and tire-size options to fit your individual needs
- Spare wheel/tire assemblies
- Rear-mount viewing ladder for full-load viewing



**Specifications: Brent Grain Train Wagons**

	Model GT-740*	Model GT-640*	Model GT-540	Model GT-440
Capacity	750 bushels**	650 bushels**	550 bushels**	450 bushels**
Length	17'6"	16'9"	15'7"	14'3"
Width	9'6"	9'	9'	8'
Height	10'9"	10'5"	10'	9'8"
Front/Rear Slope	36°	37°	40°	40°
Back Slope	32°	32°	32°	32°
Door Width	60"	60"	60"	60"
Chute Height	1'4"	1'4"	1'4"	1'4"
Unloading Time	100 sec.	90 sec.	80 sec.	70 sec.
Spindle Size	3.5"	3.25"	3"	2.75"
Hub Size	10-bolt/11.25" BC	8-bolt/10.83" BC	8-bolt/8" BC	8-bolt/8" BC
Wheel Size	13 x 22.5	13 x 22.5	13 x 22.5	13 x 22.5
Wheel Base	11'5"	11'5"	10'5"	10'5"
Track Width	7'5"	7'5"	7'1"	7'1"
Approximate Weight	7,000 lbs.	6,500 lbs.	5,200 lbs.	4,500 lbs.

\* Please check local weight and towing restrictions when pulling in tandem

\*\* Capacities measured with #2 corn at 15% moisture (56 lb test weight)

- Specifications calculated with standard tires

- All measurements are approximate and can vary, depending on tire size and brand. Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice.

See your dealer today and ask about all the performance advantages of the Brent Grain Train wagons.



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