

wagner

A Division of Allied Systems Company

HLT-185

Heavy Lift Transporter



Engine

Make and Model Cummins QSL9 Tier 4 Final
 Max Horsepower 380 @ 2100 RPM
 Rated Torque 1200 Ft/Lbs @ 1500 RPM
 Bore and Stroke 4.5" x 5.7"
 No. of Cylinders 6
 Displacement 543 In³ (8.9 liters)

Transmission

Power Shift, Modulated w/Torque Converter

Forward/Reverse

Range	Ratio	Speed (Unloaded)
1.....	4.393:1	3.0 mph (4.8 km/h)
2.....	2.454:1	5.2 mph (8.7 km/h)
3.....	1.385:1	8.9 mph (15.0 km/h)
4.....	0.774:1	13.0 mph (20.9 km/h)

Range	Ratio	Speed (Loaded)
1.....	4.393:1	2.7 mph (4.5 km/h)
2.....	2.454:1	4.5 mph (7.6 km/h)
3.....	1.385:1	5.8 mph (9.8 km/h)
4.....	0.774:1	3.2 mph (5.4 km/h)

Maximum Grade Loaded = 10%

Axles, Drive Tandem

Make Kessler
 Type Double Planetary
 Brakes Hydraulic Wet Disc

Axle, Steer (6 Axle Lines)

Make and Model Fabricated Allied

Tires

(8) Wide Hauler - Size 40 X 12 X 30 TRELLEBORG
 (24) 32 Ply - Size 35 X 15-15 SUPER LUG

Electrical System

Type 12 Volt Start/Run
 Alternator 160 AMP
 Batteries (2) 12 Volt-8D @ 205 AMP Hr. each

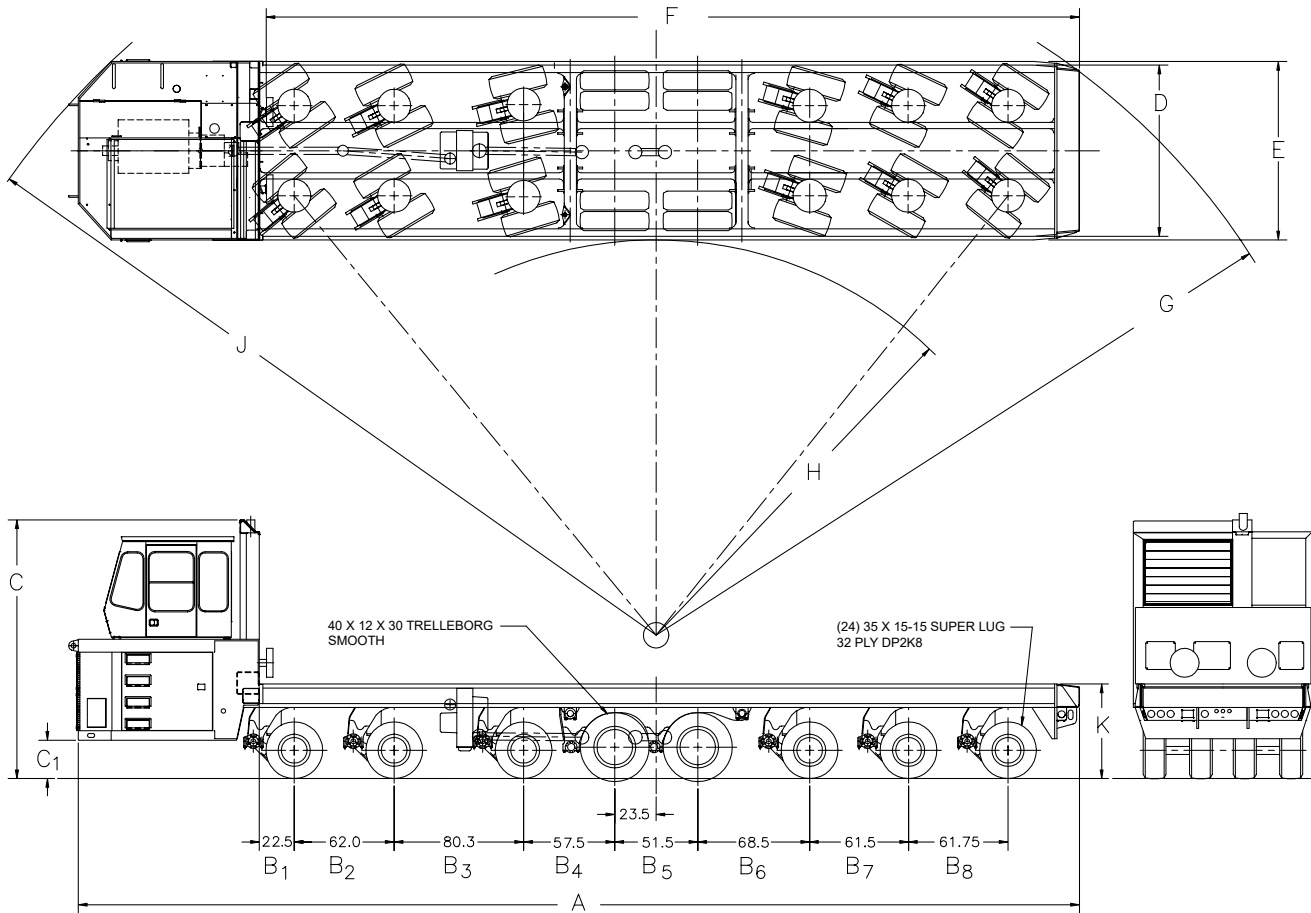
Service Refill Capacities

Fuel Tank 75 Gals (284 liters)
 Hydraulic Oil 128 Gals (485 liters)
 Crankcase (Refill) 12 Gals (45 liters)
 Cooling System 20 Gals (76 liters)

Cylinders

Lift: 7.5" Diameter x 10.5" Stroke Qty. 16
 Steer: 4.0" Diameter x 9.81" Stroke Qty. 4

HLT-185



Dimensions (approximate)

A. Overall Length	51' 9.5" (15,784mm)	F. Length of Bed	42' (12,802mm)
B. Wheelbase.....	See Above (B ₁ thru B ₈)	G. Tuning Radius - Tail Swing.....	37' (11,278mm)
C. Overall Height - Max.....	14' 2" (4,318mm)	H. Turning Radius - Inside.....	21' (6,400mm)
Overall Height - Lowered.....	12' 6" (3,810mm)	J. Turning Radius - Cab.....	42' (12,802mm)
C ₁ . Cab - Min Under	1' .5" (315mm)	K. Height to Bed - Max.....	5' 8" (1,727mm)
D. Outside Width - Top Flange	8' 10.5" (2,705mm)	Height to Bed - Lowered.....	4' 0" (1,219mm)
E. Outside Width - Bottom Flange.....	9' 3" (2,819mm)	Height to Bed - Travel	4' 10" (1,461mm)

Weights and Functions (approximate)

Gross Vehicle Weight.....	474,000 lbs (215,006 kg)	Payload Capacity Including Pallet.....	370,000 lbs (167,832 kg)
Tare Weight with Tire Fill	104,000 lbs (47,175 kg)	Axle Line Loaded.....	59,250 lbs (26,876 kg)
Pallet.....	50,000 lbs (22,680 kg)	Tire Loading / Tire.....	14,813 lbs (6,719 kg)

Optional Equipment: Standard and special options are available. Contact the Allied Factory for details.

wagner

A Division of Allied Systems Company

21433 S.W. Oregon Street
 Sherwood, Oregon 97140 USA
 Telephone: 503.625.2560 • Fax: 503.625.7980
 E-mail: wagner@alliedsystems.com

www.alliedsystems.com