

# HALE TRAILER BRAKE & WHEEL



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**A030970-A030971**  
**VIN: 40766 & 40767**

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**Model:** T(5)-100CC-B-HRG-RA-T1  
**Capacity in tons:** 100  
**Flip axle:** SN40767

### 1. GOOSENECK

Gooseneck design  
Loaded 5th wheel height  
Swing radius  
Alternate kingpin  
Support cylinder

Power source  
Gooseneck locks

Electrical receptacle  
Additional gooseneck specifications

HRG  
52"  
120"

Removable kingpin stations for 120" and 108" swing radius  
Hydraulically operated with indicator light mounted on driver's side near hydraulic controls.

Light to be on when support arm is down.

Hydraulic couplings: 3/4" fixed at front of gooseneck

4 pair for 2" below road clearance w/o shim, plus 0", 2", 4", 6" with shim (standard sizes: 7/8", 1 3/4", 2 5/8", 3 1/2")

Supply 4 additional pair (1/2", 1 1/4", 2 1/4" 3")

Seven pin connector

1) - Aluminum diamond cover plate with rubber strips between cover plate and gooseneck mainbeams

2) - Formed aluminum diamond plate light bar mounted in gooseneck base with four (4) L.E.D. combination stop/tail/turn & back-up lights and two (2) L.E.D. clear work lights wired to marker light circuit with on/off switch, back-up lights wired to this same switch

3) - Enclosed chain bar (two chain bars) with aluminum diamond plate and lockable hinged lid (paddle latches) (stainless steel hinge)

4) - Aluminum diamond plate hinged cover over kingpin area (paddle latches) (stainless steel hinge)

5) - Stainless steel gooseneck upper web inserts

6) - 1 LED work light mounted each side of gooseneck upper with switch on driver's side

7) Full penetration weld on gooseneck gusset

8) Base pivot tube reinforcement

### 2. DECK

Deck section design

Beam

Deck section length	28'-0" (27'-3" clear)
Deck section width	50" Out to out mainbeams
Loaded road clearance	6"
Loaded deck height	24" mainbeams
Flooring	None
Mainbeams	18" T-1A
Gooseneck/deck connection	Horizontal pin and teardrop with remote lock
Deck/rear bridge connection	Vertical pin and plate - recessed connection
Outriggers	None
Reinforced top flange of sidemember	Reinforce top flange of sidemember
Additional deck specifications	Recess cross members in the last 8' of the deck for bucket well
Slope front of deck top down	Yes
Heavy duty front folding ramps	None
Expanded metal	Between mainbeams full deck length
<b>3. REAR BRIDGE</b>	
Rear bridge section width	8'-6"
Loaded rear bridge height	46"
Number of axles	4
Axle capacity	IMT 30,000#, 5 3/4" diameter, IMT 25 Super Life brake linings GAWR = 25,000# @ 62 MPH GAWR = 29,000# @ 43 MPH GAWR = 30,000# @ 37 MPH
Axle spacing	54"
Brakes	16-1/2" X 7" air actuated with spring brakes on 1 axle
Anti-lock brake system	None required - GVWR is greater than 120,000#
Wheels	Ten (10) stud; 285.75mm BC hub piloted aluminum system, all aluminum wheels DURA BRITE
Tires	Sixteen (16) 315/80R22.5 (J) 18 PR radial tires
Suspension	30,000# Capacity Ridewell air ride with 4th axle (SN40767) flip-up and removable, supply chrome connecting pins, shims, bolts and bolt tubes
Suspension options	1) Override chains on all axles 2) Talbert manual raising and lowering (+3", -3") 3) Liquid filled air gauge in the air bag of 2nd axle, on curbside with conversion chart  4) Manual exhaust valve 5) Air lift on 3rd axle 6) Strap style air lift on 4th axle - may not lift very high due to camber and pre-pitch
Recessed crossmembers	Recess ALL rear bridge crossmembers (Including half bolster) ref.: S/N 35064
Wide center bolster	Yes
Rear half bolster	Recessed rear loading ledge axle 3 & 4 (ref.: S/N 35064) Stainless steel inserts in web outboard main beams Stainless steel mud flap brackets
Front bridge ramp	Riser ramp sloped to deck mainbeams outside of mainbeams with smoothplate and traction bars
Rear bridge fenders	3/16" Floor plate over tires only - including 4th axle
Additional rear bridge specifications	1) - Rear bridge flanges trimmed like S/N 35064 2) - Connections at rear of 4th for future 5th axle (ref. axle SN40763)
<b>4. GENERAL</b>	

Lights and wiring	<p>12 volt system with the following:</p> <p>All lights to be L.E.D. including mid-turn, excluding license plate light</p> <p>6 markers each side of deck including two mid-turns (marker, mid-urn, marker, marker, mid-turn, marker)</p> <p>marker lights in each bolster end</p> <p>6 tail light/back-up light package, backup lights wired to switch at rear</p> <p>Two (2) strobe lights with switch at rear of axle 3</p> <p>L.E.D. Rotating beacon (Truck Lite 92862Y) mounted on top of half bolster on short pole each side at rear of axle 3. Connections on 4th axle to accept same beacon light. Wired through 4-way plugs at rear. (Ref. SN35064)</p> <p>two (2) 4-way plugs each side of deck (1 at front and 1 at rear) wired to marker light circuit (hot and ground)</p> <p>two (2) 4-way plugs at rear of trailer wired to marker light circuit (hot and ground)</p>
Paint	Standard Talbert red, R-Cure 800 series paint zinc rich primer and clear coat
Lash rings	<p>66 Total</p> <p>1 each side of gooseneck (bent style), 2 total (CUSTOMER REQUEST)</p> <p>12 each side of deck (bent style), 24 total</p> <p>1 each side between deck mainbeams in each deck section (bent style), 20 total</p> <p>1 each bolster and half bolster end (straight style), 8 total</p> <p>1 each side between rear bridge mainbeams ahead of 1st axle at bottom (straight style), 2 total</p> <p>1 each side between rear bridge mainbeams mounted on web ahead of 1st axle in radius area (straight style), 2 total</p> <p>1 each side between rear bridge mainbeams mounted on sides of recess (straight style), 6 total</p> <p>2 at rear of 4th axle (bent style), 2 total</p>
Estimated empty weight	41,780#
Compatibility	None
Design notes	100 ton capacity in 12'-0" two point rigid load base as 5 axle close coupled
Additional general specifications	None
<b>5. ADDITIONAL COMPONENTS</b>	
Additional components	None

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