

HALE

TRAILER

BRAKE & WHEEL



A034896
VIN: 45304

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Model:T4-60CC/55SA-LD-HRG-(EC3/1)-T1
Capacity in tons: 60

1. GOOSENECK

Gooseneck design	HRG - standard profile
Loaded 5th wheel height	50"
Swing radius	108" (101" Actual with 12" fixed front ramps)
Gooseneck extension	24" flip-up gooseneck extension (AN6204) to achieve 132" (124" actual) radius Hydraulic linkage to flip gooseneck extension. Manual controls on side of gooseneck.
Alternate kingpin	Removable kingpin stations for 108" (101" actual) and 96" (90" actual) swing radius
Support cylinder	Hydraulically operated WITH REINFORCEMENT BAR (ref. SN44099) on top of top support arm cross member.
Power source	Hydraulic couplings: 3/4" fixed at front of gooseneck and driver's side of gooseneck for hydraulic flip extension Selector valve for hydraulic flip axle operation.
Gooseneck locks	4 pair for 2" below road clearance w/o shim, plus 0", 2", 4", 6" with shim
Electrical receptacle	Seven pin connector
Additional gooseneck specifications	<ol style="list-style-type: none"> 1) Aluminum diamond cover plate 2) Chain bar in gooseneck base with expanded metal in bottom (ref. SN44099) 3) Removable formed angle gooseneck air lock protector (ref. SN44099) 4) Delete extra 7-way plug holes in gooseneck web 5) Delete holes in bottom of 5th wheel plate 4) Full penetration weld on gooseneck gusset 5) Base pivot tube reinforcement 6) Pivot shaft collars

2. DECK

Deck section design	Four beam
Deck section length	26'-0" (25'-6" clear)
Deck section width	8'-6"
Loaded road clearance	6"
Loaded deck height	18"
Flooring	2" apitong secured with deck screws; no lumber between main beams Mount outrigger spring clips below crossmembers (ref. SN44099)
Mainbeams	12" T-1A
Gooseneck/deck connection	Horizontal pin and plate with remote lock
Deck/rear bridge connection	Fixed/welded
Outriggers	12" swinging/removable with double hook-on at front of deck
Reinforced top flange of sidemember	None
Additional deck specifications	<ol style="list-style-type: none"> 1) - Bucket well, recess last 4 deck cross members in deck between main beams and cover with 1/4" plate 2) - 3/4" side rail flanges 3) - Auxiliary cross members in the first two deck sections outboard mainbeams 4) - Install pressure and return hydraulic lines in gooseneck, deck through rear bridge to power hydraulic flip axle

Slope front of deck top down With plate and traction bars
 Note: design to minimize the possibility of a cleat peeling up the lumber. (ref. deck 202A080943, round bar)

Heavy duty front folding ramps 12" Fixed with smooth plate and traction bars (reduces swing radius)
 Expanded metal Between main beams 1st deck section at front and last two deck sections at rear, in front of bucket well

3. REAR BRIDGE

Rear bridge section width 8'-6"
 Loaded rear bridge height 41" main beams; 37" bolsters
 Number of axles 4
 Axle capacity 25,000# - GAWR 24,700#
 Axle spacing 60"
 Brakes 16-1/2" X 7" air actuated with spring brakes on one axle
 Anti-lock brake system None required - GVWR is greater than 120,000#
 Wheels Ten (10) stud; 285.75mm B.C. aluminum disc hub piloted system with oil seals, inner aluminum wheels polished with outer aluminum wheels Dura-Bright

Tires Sixteen (16) 275/70R22.5 (H) 16PR radials
 Meritor P.S.I. tire inflaton system (plumb quick disconnect to rear station channel for future axle attachment)

Suspension 30,000# Capacity Ridewell air with 4th axle (SN45305) hydraulically flip-up and manually removable, use chrome tapered top connecting pins.
 Lower connecting pins hydraulically operated
 Manual controls located under bolster on driver's side. Four (4) function Kar-tech wireless controls (remote is the rechargeable type, USB charge cable supplied)
 Air Weigh load scale with Bluetooth and multiple calibrations for 3 & 4 axles

Suspension options

- 1) Over ride chains on all axles
- 2) Talbert style manual raising and lowering (+3", -3")
- 3) Air lift 3rd axle
- 4) Manual exhaust valve
- 5) Liquid filled air gauge mounted in 2nd axle curb side air bag with decal

Rear Bridge Center Section Boom well, cross members recessed - recess 1st member additionally
 Wide center bolster With chain slots & flag holder slots
 Hook-on outriggers for bolster ends (4 places)

Rear half bolster Rear of axle 3 & 4 with flag holder slots
 1" I.D. Flag holders x 2 1/2" length mounted in flange of half bolster on axle 3 & 4 (ref. SN44099)
 Push blocks mounted at rear of axle 3 outboard mainbeams push blocks to extend past rear by 1 1/2" (ref. SN44099), located as to not interfere with the 4th axle attachment
 Delete ABS light mounting holes
 Mud flaps mounted as far rearward as possible

Front bridge ramp Sloped to deck outside of main beams with plate and traction bars
 Rear bridge fenders None
 Additional rear bridge specifications

- 1) Omit 1st cross member in rear bridge section (shock mount cross member) for open boom well
- 2) Connections for 4th axle and future 3+1 E1 Nitro, lower pins hydraulically operated.
- 3) Chain basket in front section of rear bridge (see picture, SN36670)

4. GENERAL

Lights and wiring 12 volt system with the following:
 All lights to be L.E.D. including mid-turn, excluding license plate light
 1 marker each side of gooseneck extension
 3 marker lights each side of gooseneck including a mid-turn, evenly spaced (marker, mid-turn, marker)
 5 marker lights each side of deck including three mid-turn lights (mid-turn, marker, mid-turn, marker, mid-turn)
 2 combination (2 PER SIDE) stop/turn/tail and back-up lights, back-up lights wired to switch on marker light circuit rear axle 3 & 4
 strobe lights and switch at rear of axle 3 & 4
 Battery back-up system to flash all marker/tail lights and strobe lights, battery

	mounted in battery box
Paint	Special color JCB Yellow Valspar no. KPY0708 with ZINC RICH primer, gooseneck upper webs to be white, KPW0105 Valspar urethane (NON-METALLIC) Apply Valspar undercoating to the following areas: Inside of the gooseneck upper underneath the cover plate area and down the diagonals. Underneath the deck in the front slope and deck guide/lock areas. Underneath the deck in all nonvisible areas.
Lash rings	46 Total (REF. SN44099) 1 at front center of gooseneck extension (straight style), 1 total 1 at front center of gooseneck (straight style), 1 total - requested 1 each side of gooseneck (bent style), 2 total - requested 8 each side of deck (bent style), 16 total - Ref. SN44099 1 each side of deck ahead of hook-on outriggers (bent style), 2 total 1 each side between deck mainbeams in the first three deck sections (bent style), 6 total 1 each side between deck mainbeams in the first two deck sections ahead of the bucket well (bent style), 4 total 1 each side mounted on side of deck boom well plate inline with the last four crossmembers of deck (straight style), 8 total 1 each side mounted on top of the rear bridge mainbeam flange at top of bridge ramp (swings front to back) (straight style), 2 total 1 each side between the rear bridge mainbeams mounted on the sides of the recessed crossmember at rear of axle 3 (straight style), 2 total 2 at rear of 4th axle (bent style), 2 total
Estimated empty weight	28,800#
Compatibility	None
Design notes	55 ton capacity in a 10'-0" two point rigid load base with a 108" swing radius and 4 axles close coupled 55 ton capacity in a 13'-0" two point rigid load base with a 132" swing radius and 3+1 E1 nitro axles extension 60 ton capacity in a 13'-0" two point rigid load base with a 108" swing radius and 4 axles close coupled
Additional general specifications	Engineering discussion about camber and pre-pitch 53'-6" Overall length as a 3 axle - exceeds legal limit
5. ADDITIONAL COMPONENTS	
Axle extension	Reinforced for future East Coast E1 Nitro style axle extension.

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.
Equipment availability, prices and specifications are subject to change without notice.