

HALE TRAILER BRAKE & WHEEL



A028812
VIN: 44677

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Model: T(5)-60SA-RC-HRG-RA-(EC3/1)-T1

Capacity in tons: 60

Gooseneck extension: AN6155

Flip axle: SN44678

Deck instert: AN6156 (8' RC Deck Insert)

28' Beam Deck Assy.: AN5157

Gooseneck design

Ratchet

Loaded 5th wheel height

Big gooseneck design with 24" base and 7" x 16" lift cylinders

Swing radius

52"

Gooseneck extension

108"

24" flip-up gooseneck extension (AN6155) to achieve 132" radius with lash ring at front.

Alternate kingpin

Removable kingpin stations for 108" and 90" swing radius

Support cylinder

Hydraulically operated with 4" x 3" cylinder mount cross member

Power source

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

Gooseneck locks

Ratchet

Electrical receptacle

Seven pin connector

Additional gooseneck specifications

- 1) Formed aluminum diamond plate light bar mounted in gooseneck base with 4 LED combination stop/tail/turn/back-up lights (back-up lights wired to switch) and 2 clear LED work lights wired to marker light circuit with on/off switch
- 2) Fully enclosed chain bar with aluminum diamond plate and lockable hinged lid (paddle latches), hinge to be stainless steel
- 3) Full penetration weld on gooseneck gusset
- 4) Base pivot tube reinforcement
- 5) Pivot shaft collars
- 6) Aluminum diamond plate cover plate

Deck section design

Raised center

Deck section length

28'-0" (27'-6" clear)

Deck section width

8'-6" (46" out to out main beams)

Loaded road clearance

6"

Loaded deck height

22" main beams; 14-1/2" sides

Flooring

1 1/2" apitong secured with deck screws; no lumber between main beams

Mainbeams

16" T-1A

Gooseneck/deck connection

Pin and plate with remote lock

Deck/rear bridge connection	Vertical pin and plate (flush connection)
Outriggers	12" swinging with double hook-on at front of deck (special outrigger for fabricated side beam), last swinging outrigger replaced with 2 pair of fabricated hook-on style.
Reinforced top flange of sidemember	None
Additional deck specifications	1) - 5/8" x 5" top and bottom side beam flanges 2) - 21 1/2" Crossmember spacings 3) - Removable 3/8" floor plate over the last 3 crossmembers (Profile around lash rings)
Slope front of deck top down	Yes with plate and traction bars
Heavy duty front folding ramps	None
Expanded metal	Between mainbeams full deck length up to removable 3/8" floor plate 4.27# Expanded metal with 3/4 x 13 expanded metal on top
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	54"
Brakes	16-1/2" X 7" air actuated with spring brakes on one axle Note: 1st axle brake lines to be routed from sides of mainbeams (SHOCK MOUNT PLATE) to eliminate rubbing on the axle (REF SN37379)
Anti-lock brake system	None required - GVWR is greater than 120,000#
Wheels	Ten (10) stud 285.75mm BC hub piloted aluminum system, inner aluminum wheels polished, outer aluminum wheels DURA-BRIGHT
Tires	Sixteen (16) 275/70R22.5 (H) 16 PR radials (Cooper Roadmaster RM170) P.S.I. Tire inflation system with quick disconnect plumbed to station channel for 4th axle Air inlet for P.S.I. on 1st axle clocked to back side of axle (SN37379)
Suspension	30,000# Capacity Ridewell air with 4th intermediate axle (SN44678), use chrome tapered connecting pins, bolts/nuts for shims Air Weigh digital scale with Bluetooth and multiple calibration capability
Suspension options	1) Over ride chains on all axles 2) Remote Talbert manual raising and lowering (+3", -3") on side of mainbeam 3) Air lift on axle 3 4) Manual exhaust valve 5) Manual lift on axle 1 with key hole plates and shut-off valves 6) Liquid filled air gauge in 2nd & 4th axle curb side air bag with decal
Recessed crossmembers	Boom well, cross members recessed - recess 1st member additionally
Wide center bolster	Yes with chain slots and flag holder slots
Rear half bolster	Rear of axle 3 & 4 with 3/4" I.D. flag holders each side recessed into sides angled outward Mud flaps as far forward as possible
Front bridge ramp	None
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 (SN44678) and future 5th axle or future spreader bar 3+1
Deck insert	See separate order form for 8' raised center deck insert (AN6156) and 28' beam deck (AN6157)
Axle extension	None

Lights and wiring	<p>12 volt LED system including mid-turn lights, license plate light regular (Ref. SN37025)</p> <p>All marker/I.D. lights to be 3/4" bullet style</p> <p>1 marker light each side of gooseneck & gooseneck extension at front facing forward - recessed</p> <p>1 marker light each side of gooseneck at front and rear - recessed</p> <p>1 mid-turn light each side of gooseneck (between marker lights), bracket mounted</p> <p>11 marker lights each side of deck including two mid-turns (3 markers, mid-turn, 3 markers, mid-turn, 3 markers)</p> <p>7 L.E.D. Strip lights each side mounted between the deck mainbeams in the deck sections without lash rings wired to switch in rear bridge</p> <p>2 markers in each bolster end</p> <p>6 tail light package (3 each side) with combination back-up light wired to switch at rear of axle 3 & 4</p> <p>Rear bridge work light (ref. UP38552) mounted on front side of first recessed cross member</p> <p>Strobe lights at rear of axle 3 & 4 with switch wired to marker light and battery back-up circuit</p> <p>Battery back up system to flash all marker/tail lights and strobe lights</p>
Paint	<p>Valspar standard Talbert black, R-Cure 800 series paint with zinc rich primer and clear coat</p>
Lash rings	<p>46 total -</p> <p>10 each side of deck (bent style), 20 total</p> <p>1 each side between deck main beams in the first four and in 5th, 4th, 3rd and 2nd from last deck sections (bent style), 16 total</p> <p>1 each side mounted on top of the rear bridge top flange, half way up slope (straight style), 2 total</p> <p>1 each bolster and half bolster of trailer (straight style), 6 total</p> <p>2 at rear of 4th axle (bent style), 2 total</p>
Estimated empty weight	31,230#
Compatibility	<p>With 8'-0" raised center deck insert (AN 6156)</p> <p>With 28'-0" beam deck (AN 6157)</p>
Design notes	<p>1) - 60 ton capacity in a 14'-0" two point rigid load base with a 132" swing radius, 28'-0" deck length and 4 axles close coupled, 5 axles close coupled or 3+1</p> <p>2) - 45 ton capacity in a 16'-0" two point rigid load base with 36'-0" deck length (26' deck & 8' insert), 132" swing radius and 4 axles close coupled</p> <p>3) - Advise maximum capacity with insert installed</p>
Additional general specifications	None

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