HALE TRAILER BRAKE & WHEEL

Talbert SINCE 1938

A041928
VIN: 45851

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Model: T(5)-60SA-HRG-RA-(EC3/1)-T1
Capacity in tons: 60

1. GOOSENECK

Gooseneck design	HRG - standard profile Big gooseneck with 24" base and 7" x 16" lift cylinders Lift cylinders set-up for 8" below ground and 31" above ground
Loaded 5th wheel height	52" When on a 18" loaded deck height 56" When on a 22" loaded deck height
Swing radius	120" (112" Actual with fixed front ramps)
Gooseneck extension	36" flip-up and removable gooseneck extension (AN6238) to achieve 156" (147" actual) with lash ring at front
Alternate kingpin	Removable kingpin stations for 120" (112" actual) and 108" (101" actual) 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	4 pair for 2" below road clearance w/o shim, plus 0", 2", 4", 6" with shim
Electrical receptacle	Seven pin connector
Coverplate	Aluminum
Additional gooseneck specifications	1) Gooseneck light bar with 4 L.E.D. stop/tail/turn lights and 2 clear lights with switch, back of light bar protected. 2) Enclosed chain bar with aluminum diamond plate and lockable hinged lid (paddle latches) (stainless steel hinge) 3) Full penetration weld on gooseneck gusset 4) Base pivot tube reinforcement 5) Pivot shaft collars

2. DECK

Deck section design	Four beam
Deck section length	28'-0" (27'-6" clear)
Deck section width	9'-0"
Loaded road clearance	5 1/8"
Loaded deck height	18"
Flooring	2" apitong secured with deck screws; no lumber between main beams
Mainbeams	12 7/8" T-1A
Gooseneck/deck connection	Horizontal pin and plate with remote lock
Deck/rear bridge connection	Vertical pin and plate - flush connection set-up for 16" to 12 7/8" mainbeams flush
Outriggers	12" swinging/removable with double hook-on at front of deck
Reinforced top flange of sidemember	None
Additional deck specifications	1) - Bucket well, recess last 4 deck cross members in deck between main beams and cover with 1/4" plate

	2) - Mainbeams: 1 1/4" x 10 1/2" T-1 flanges on 3/8" T-1 Web 3) - Sidebeams: 3/4" x 5" T-1 flanges on 5/16" T-1 Web 4) - Auxiliary crossmembers outboard deck mainbeams, full deck length
Slope front of deck top down	With plate and traction bars
Heavy duty front folding ramps	12" Fixed with smooth plate and traction bars (reduces swing clearance)
Expanded metal	Between main beams 1st three deck sections at front and last three deck sections at rear ahead 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	54"
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, outer aluminum wheels DURA BRITE
Tires	Sixteen (16) 275/70R22.5 (H) 16PR radials
Suspension	30,000# Capacity Ridewell air with 4th intermediate axle (SN45852) flip-up and removable, use chrome tapered connecting pins. Include shims, pin tubes, and nuts/bolts. Air Weigh load scale with Bluetooth and multiple calibrations for 3, 4 & 5 axle configurations
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 on axle 2 & 4 with chart 6) Manual lift on axle 1 with shut-off valves and key hole plates
Rear Bridge Center Section	Boom well, cross members recessed - recess FIRST & SECOND member additionally
Wide center bolster	With chain slots & flag holder slots
Rear half bolster	Rear of axle 3 & 4 with flag holder slots Deep recess design 31" loaded height from ground x 28" wide. Supply drawing for customer approval.
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 intermediate 4th axle and futue 3+1 E1 Nitro or 5th axle

4. GENERAL

Lights and wiring	12 volt system with the following: All lights to be LED including mid-turn, excluding license plate light All marker and I.D. lights to be 3/4" 5 markers each side of deck including mid-turn Strobe lights with switch at rear of axle 3 & 4
Paint	Valspar standard Talbert black and Maroon KPR0147, R-Cure 800 series paint with zinc rich primer Gooseneck upper webs and deck side beam webs painted Maroon. Remaider of trailer painted black, removable outriggers painted black. See SN39884
Lash rings	65 total 1 lash ring at front of gooseneck extension (straight style), 1 total 14 each side of deck (bent style), 28 total (NONE AT THE MID-TURN LOCATION) 1 each side between deck mainbeams in the first three deck sections (bent style), 6 total 1 each side between deck mainbeams in the last three deck sections ahead of the bucket well plate (bent style), 6 total 1 each side mounted on side of deck bucket well plate in-line with the last three

	crossmembers (bent style), 6 total 1 each side on the rear of the side beams facing axle 1 (straight style), 2 total (see picture 134840) 1 each side between rear bridge mainbeams mounted on the web ahead of axle 1 shock mount (bent style), 2 total (see picture 134829) 1 each bolster and half bolster end of trailer and 4th axle (straight style), 8 total 1 each side outboard 4th axle mainbeams behind stud tube boss (bent style), 2 total (see picture 134835) 2 at rear of axle 3 & 4 on back side of half bolster outboard mainbeams (bent style), 4 total
Estimated empty weight	31,050# As a 3 axle unit with 36" gooseneck extension. 34,370# As a 4 axle unit with 36" gooseneck extension.
Compatibility	None
Design notes	60 ton capacity in a 14'-0" two point rigid load base with a 156" swing radius and 3+1 E1 nitro axles extension 60 ton capacity in a 14'-0" two point rigid load base with a 156" swing radius and 5 axles close coupled
Additional general specifications	55'-10" Overall length as 3 axles

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.