

HALE

TRAILER

BRAKE & WHEEL


A020967
VIN: 230224

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ITEM	DESCRIPTION
TYPE	MANAC, LOW BED 55 TONS. 
DIMENSIONS	
LENGTH	53', main deck 26' mid section.
WIDTH	102", full width side rail to side rail.
HEIGHT	Main deck, 6" clear under center beams, **18"*** above ground. (base 55T only) Frame 12" high: top flange: 1" x 10", web: 3/8" x 9 1/2", bottom flange: 1" x 10", stiffener bottom flange: 1/2" x 8" Side rail 11" high: top flange: 3/4" x 4", web: 3/16" x 9 1/2" bottom flange : 3/4" x 4"
OUTRIGGERS	24 fabricated, 12 each side, 9" wide including (4) 8" wide x 2 1/4" thick x 12' long oak boards with storage in center.
COUPLING	
COUPLER PLATE	3/8", 100 000 PSI steel.
KING PIN LOCATION	16" from the front.
KING PIN	Removable type, Including one pin and one base located at 16" from front. (3/8" K.P. plate)
COUPLER HEIGHT	50"
STRUCTURE	Frame with "CAMBER".
FLANGES	Main beams 1" x 10", 12" high, 100 000 psi steel.
WEB	3/8" x 9 1/2" plate 100 000 psi steel.
GOOSENECK	Taper beam, 84" clear behind king pin.
GOOSENECK	Detachable, Activated by 2 hydraulic vertical cylinders, 9" diameter.
GOOSENECK LOCKS	Hydraulic operated.
SPACERS	For 3 height at front main deck.
CROSSMEMBERS	"H" beams, 10" @ 12 lbs/ft, 28" center to center.
FLOOR	Oak, 2 1/4" thick, covered with one coat of linseed oil, 1/2" over the frame on the side, no floor between main frame.
FLOOR FASTENING	Two Huck blind rivets per plank per crossmember.
RACK FOR BLOC	Wire mesh 1 1/2-10H at bottom crossmember between main beams full length of main deck.
SIDE RAILS	Fabricated H beams, 3/4" x 4" x 15" high, web 3/16" X 9 1/2" full length, 100 000 psi steel.
REAR BEAMS	102" wide, (4) located between tires, 17" wide, 10 000 lbs capacity each. Including a lashing ring at each end.
FENDERS	holes predrilled for fenders to be added afterwards
REAR FENDER	For loading, 8'-6" width, 1/4" anti-skid steel welded to rear frame (20 000 lbs).
ENDS	
FRONT RAIL	Formed steel, between two main beams, including two pin up joints with bushings for gooseneck extention.
BUMPER	Steel formed model, including supports and flag and wide load sign support and warning stobe lamp support near 4 way rear connector and connecting plate with bushing for a flip-up axle.



ITEM	DESCRIPTION
KIN PIN	For low bed, length 32", included coupler plate 3/8", 100 000 psi steel, one heavy-duty D-ring, anchor plates with bushings, electrical and air outlets, hydraulic for low bed. King pin base located at 16" from front.
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL EXTENDABLE LIGHTS REAR CONNECTOR REAR ADD. CONNECTOR RACK + BATTERY FOR LOWBED	7 ways (SAE J560), Phillips brand at front and 7 ways, Phillips brand at deck level. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, in a closed back rubber grommet. (tail lights with male pins #54332, markers #47122 (2 1/2" dia.), #47493, licence light #60291, with vapor proof junction box Truck-Lite #50400). Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber. 4 LED lights double face, ambre,(coil wiring) 4 way. 7 ways for flip-up axle. To activate the electrical system when the gooseneck is unhooked from the main deck. (Solar Converter 12-14 volt battery charger included)
LANDING GEAR STINGER	One leg fabricated and activated with 4" diameter cylinder resting on truck frame.
BOGIE BASIC SUSPENSION BOGIE SUSPENSION STROKE STOPPERS LIFT DEVICE U-BOLTS SPRINGS AXLE(S) SPIDERS CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS	Basic mechanic for sale book Fixed. Hendrickson HT-250YS (9) et (2) HT-250US (9), en tridem, 60" spread. Retaining chains for air suspensions with grounded axles. Manac center lift kit, manually activated. Located: REAR AXLE ***** NO WARRANTY ON GROUND AXLES (FLAT SPOT) ***** (A second leveling valve on the center axle included) Axles need to be 3/4" (F22T/24T). With nuts at bottom. Air. Ingersoll, F22T, 25 000 lbs. capacity. Welded. 28 splines with enclosures, for Ingersoll axles. 75 1/2". Steel, bolted. 16 1/2" standard, long life IMT25XL Ingersoll lining. HM 218248 and HM 212049. Meritor, automatic, 28 splines, (6"). Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omnibrake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only).



ITEM	DESCRIPTION
HUBS AND DRUMS	WEBB, 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual steel wheels or single wheels. (Heavy duty 25000 lbs cap.)
RIMS	Alcoa, aluminum, half "ULTRA ONE" and half steel. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
TIRES	Regular duty Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0")
AIR SYSTEM GLAD HANDS AIR VALVES CONTROL VALVE GLAD HANDS GLAD HANDS	Fixed. Sealco, synflex 3/8" diameter. Manually adjustable ride height mechanism. Manual blow down valve with pressure gauge. In a basket at front deck, including hoses. On rear bumper, for flip-up axle.
ACCESSORIES REGISTRATION HOLDER LASHING RINGS FLAGS MUD FLAPS HYDR. CONN. (PRESSURE) HYDR. CONN. (RETURN) HYDRAULIC OIL SIGN	One aluminum cylindre. Qty: 22, heavy-duty D-rings, 9 bent style each side of main deck and 2 on goosneck. 6 flag holders, 4 on extendable lights and 2 on rear bumper, flags included. One set, rubber with Manac logo and vertical grooves to reduce spray. Male, 1" diameter, screw type. Female, 1" diameter, screw type. Operating temperature -10 to 60 degree Celsius. One, "OVERSIDE LOAD" sign yellow and black, removable, 12" x 96", aluminum. (Application for US)
HYDRAULIC LINES	Minimum pump data required : Operation pressure : 2200 psi Pump : 5 to 10 gpm Tank : 20 gallons
LASHING RINGS	Qty: 8, "D" type steel rings welded to frame, (Buyer B-5055) (curved "D" ring) Located on each side in the interior side of the main frames (4) at rear, (4) at front of the main deck.
LASHING RINGS	Qty: 4, "D" type steel rings welded to frame, (Buyer B-5055) (curved "D" ring) Located on each side in the interior side of the main frames, (4) at rear of the REAR deck.
REAR FLOOR	3/16" 80 000 psi steel plate between frame at rear 2 compartment section
FINISHING PAINT AXLE(S) PAINTED	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908. Same color as trailer.



ITEM	DESCRIPTION
HUBS	Same color as trailer.
WHEELS OR RIMS	White.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108.
	Gray and red, 1' segments each side, fully covers rear bumper.
STICKER	"55 TONS" on web of gooseneck.
	***USA APPLICATION

CONFORMITY This semi-trailer does not comply with GHG regulations. Should GHG regulations come into force prior to the production of the trailer(s), Manac will have the obligation to ensure the trailer(s) produced meet minimum GHG guidelines. Any modifications required to meet the GHG regulations will be added to the initial purchase price and charged back to the customer.

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.