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manac

ITEM DESCRIPTION

TYPE SEMI-TRAILER, STEEL PLATFORM.
APPLICATION GALVANIZED SEE SECTION

DIMENSIONS

**LENGTH** 48'-0"

WIDTH 102", 97" between side rails.

**HEIGHT** Floor, approximately 60" high at front and 54" at rear.

COUPLING

**COUPLER PLATE** 3/8", plug welded structure.

**KING PIN LOCATION** 30" from front.

**KING PIN** Bolted, 2" diameter, Holland KP-0882 (3/8").

COUPLER HEIGHT 48".

**STRUCTURE** Frame with "CAMBER". **FLANGES** 3/8" x 5", 100 000 psi steel.

WEB 1/4" plate in king pin area and the remaining in 3/16",

80 000 psi steel. 26" high at the peak

with holes, parachute shaped, to lighten trailer.

**GOOSENECK** 11 1/4" high, with integrated nose ramp and 48" straight behind king pin.

CROSSMEMBERS I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, 12" centre to centre,

installed with stiffeners angle.

**FLOOR** Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.

**FLOOR FASTENING**Two screws per board at each crossmember.

(With galvanized flatbed or crossmembers)

SIDE RAILS Formed channel 6" @ 4.6 lbs/ft.

**SIDE BOXES** 3/16" steel plate, 1 15/16" x 3 1/16" interior, 4" high,

for 1 3/4" x 2 3/4" stakes. (Canadian dimensions).

N.B.: including boxes at rear bumper.

**RUB RAILS** 1/2" x 3" flat bars of steel.

CORNERS Bevelled.

**X BRACES** Between main beams, full length.

CHAIN RACK (4) chain hangers (1/2" plate), hook shaped, welded on the crossmember.

Located: \*\*\*ROAD SIDE AHEAD FRONT AXLE\*\*\*.

TIE BAR 3/8" x 2 1/2" shaped steel welded under crossmembers, curb side,

located 14" from side rail. Galvanized

**ENDS** 

FRONT RAIL Formed steel 1/4".

**BUMPER** CMVSS 223-RIG approved (in accordance with Canada & USA regulations).

Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at

a maximum height of 22" from under tubing to ground.

**BUMPER** Aluminum plate, bolted, to close rear completely between the

bumper uprights.

**PULL PLATE** Pull plates between uprights of bumper.

**HEADBOARD** 48" high, with fabricated beam and square tubing 1 1/2".

\*\*\* NO \*\*\* ladder. 4" between the tubes, (5.5" c/c) for smaller logs.

\*\*\* Galvanized \*\*\*.(Ref. 210147HA12).

**POCKETS** Boxes included.

**REAR RAIL** 11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2"



**SPRINGS** 

AXLE(S) SPIDERS

TRACK
DUST SHIELDS

**CAM SHAFTS** 

Air.

Welded.

77 1/2".

Steel, clamped.

LDA, 5 3/4" diameter, 30 000 lbs. capacity.



ITEM	DESCRIPTION channel steel helted to frame
	shaped steel, bolted to frame.
GING	
BUNKS	Qty: 5 sets, (installed at crossmembers) side rail cut,
	location: 23 1/2" TO FIRST BUNK THEN 60" SPACING REMAINDER REF#21287
AKES	No stakes.
CTRICAL	
ONT CONNECTOR	7 way (SAE J560), Phillips brand.
ONT ADD. CONNECTOR	7 way (ISO 3731), for auxiliary functions only.  ***AIR LIFT***
LECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
IAIN SYSTEM	Grote Ultra Blue LED, sealed beams, tail lights with male pins #53252
	(10 diodes), markers #47122, 47233 (2 1/2" dia.), licence light #60280-M).
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher,
	each side at middle point, amber.
ACK UP LIGHT(S)	Type sealed beam spot light (Grote #62391 LED), Qty: 2
	(in the sill)
TAIL LIGHTS	Sealed beams (Grote LED #53252, 10 diodes) red, rubber rings.
	Qty: 4 additional, mounted and aligned between the bumper up1rights.
TAIL LIGHTS	Sealed beams (Grote DEL #53252, 10 diodes) red. Qty: 1 additionnal each side.
	From outside, tail lights and flasher, flasher with parking,
	brake with parking.
MAIN SYSTEM	With additional vapor proof junction box Truck-Lite #50400.
	***LOCATED AT SUSPENSION AREA REF#212871
DING GEAR	Holland, Mark V (LGS-4F315), with mounting plate, solid axles, galvanized.
AND SHOES	10" x 11 1/2", solid axles.
ANK	Road side.
GIE	
ASIC SUSPENSION	
OGIE	Fixed.
SUSPENSION	Hendrickson INTRAAX disc brake AAT-30K HXL5 (MAXX 22T),
	tridem, 60" spread.
STROKE STOPPERS	Retaining chains for INTRAAX air suspensions
	with grounded axles.
LIFT DEVICE	Hendrickson "UBL102", bolted (removable) and galvanized,
	with air system Manac.
	Quick and brake release valves on air lift included.
DDINGS	***ON FRONT AXLE, CONTROLLED FROM CAB***
	A in





ITEM DESCRIPTION

**BRAKES** DISC BRAKES MAXX 22t 415mm wabco 233

BEARINGS HM 518445.

**SLACK ADJUSTERS** 

SEALS HXL5 SYNTHETIC GREASE

BRAKE CHAMBERS Standard 20/24

**HUBS AND DRUMS** 10 studs disc hubs, balanced drums 104.5 lbs,

outboard mount, 285.75mm B.C., single flange nuts.

For dual aluminium wheels.

RIMS Alcoa, aluminum, "ULTRA ONE", 24.5 x 8.25, disc (10 holes),

285.75mm B.C., single flange nuts.

SPACERS Wheel guard 10 holes. Located between the inside wheel and the drum and

between two wheels.

TIRES Plant choice 24.5. 11R24.5 43.7 DIA

**AIR SYSTEM** 

GLAD HANDS Fixed.

AIR VALVES Meritor Wabco, ABS, 2 sensors 1 modulator.

VALVE Quick and brake release valves on air lift.

VALVE Manual blow down valve in a control box, WITHOUT auto-reset feature,

including Glycerin filled pressure gauge, in P.S.I., to indicate

load with a conversion table.

CONTROL BOX Stainless steel.

**ACCESSORIES** 

**EXTRA MUD FLAPS** 

**REGISTRATION HOLDER** One plastic, Betts-PS-1 or equivalent.

WINCHES Qty: 2 , KINEDYNE #3820SPC-SV (6.5"), fixed recessed,

Located: ROAD SIDE AT 41 1/2" & 65 1/2"

WINCHES Qty: 13, ANCRA #49207-127-XZ, zinc plated slider (6 7/8").

**SLIDING TRACK** Full length, "LL" extruded aluminum, road side.

STORAGE BOX(ES) Qty: 1, TREBOR aluminum CKPL finish box, double doors,

hinges on sides, antirack lock. 24" deep x 24" high x 60" wide.

Located at CURBSIDE AHEAD OF SUSPENSION

**MUD FLAPS** One set, rubber with Manac logo and vertical grooves to reduce spray.

Black rubber w/logo Manac, logo toward the front (#303-0011).

Located: Under the flanges ahead of the tridem, 48" wide. (To protect air booster & the suspensions). Ref. 212871.

RACK Made of 1/4" formed aluminum plate, 98" inside net, bolted to web and

crossmembers.

Located at: MIDWAY EACH SIDE

**FINISHING** 

**PAINT** Ready for Galvanized plateform.

**AXLE(S) PAINTED** Painted with acrylic urethane, color: Black, code: PPG AU37-FP908.

HUBS Black.
WHEELS OR RIMS Natural.

**RETROREFLECTIVE TAPES**Conspicuity striping in compliance with CMVSS 108. Gray and red each side,

fully covers rear sill and horizontal underride protection bar.

**PAINT** V.I.N. plate to be stick on an aluminum plate riveted on the frame.

Pre-drill the web prior to galvanizing





ITEM	DESCRIPTION
ANNEX(ES) ATTACHED	
R	Ref: 212871
GALVANIZED CHOICES	Galvanized choices.
PLATEFORM	Galvanized plateform. (no paint)
	** WARNING: holes parachute shaped required for dripping **
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.