



MODEL
13353K031L
SEMI-TRAILER, PLATFORM
DROP

Hale Trailer Brake & Wheel 183779 - 183790



ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, STEEL DROP PLATFORM LEGEND SD
DIMENSIONS	
LENGTH	53'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 59" high at front and 41" at the bumper.
DROP HEIGHT	19", located at 10'-6" from front.
COUPLING	
COUPLER PLATE	1/4", 80 000 psi steel, plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	48".
STRUCTURE	44" c/c frame with "CAMBER".
FLANGES	1/2" x 5", 100 000 psi steel, 24" high in center and 16 1/2" above suspension.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 24" high, with holes, parachute shaped, to lighten trailer.
GOOSENECK	11 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 16" c/c in gooseneck and the remaining 12" c/c.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Screws.
SIDE RAILS	10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height.
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Cargo pockets.
RUB RAILS	3/8" x 2 1/2" shaped steel.
CORNERS	Bevelled.
FENDERS	Reinforcement over tires at rear, steel tubing structure, galvanized (G164), floor full length.
KNEE BRACES	3/16" formed steel plates, galvanized (G164), bolted in web and a crossmembers located each side.
X BRACES	Between main beams, full length.
ENDS	
FRONT RAIL	Formed steel, bolted.
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulation). Galvanized (G164) steel, bolted uprights to frames, 4" x 4" cross bar formed tubing at a maximum height of 22" from under tubing to ground.
BUMPER	2 rubber dock, at the end of rear rail.
REAR RAIL	Formed steel.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560).
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot", identification lights (2 1/2" dia.), licence light.
FLASHERS	Sealed beams LED, one lamp including side marker and flasher,



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	each side at middle point, amber.
LANDING GEAR SAND SHOES CRANK	AXN, (LG50DUN) 10" x 10". Road side.
BOGIE BASIC MECHANICAL BOGIE	Fixed, pour tridem 60" spread.
MECHANICAL (GROUND AXLES) SUSPENSION	Hendrickson INTRAAX AANL-23K (6.5), tridem. For axles with bearings HM 218248 and HM 212049. *** located 43' from the KP to be Connecticut legal. ***
LIFT DEVICE	Hendrickson UBL bolted kit, manual located in control box, air system Manac. Located: LAST AXLE. *** Only 1 1/2" of clearance from the ground if used at rear *** *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***
SPRINGS AXLE(S) CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS	Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. 28 splines with enclosures, 10" long. 77 1/2". None (Intraax axles). 16 1/2" standard, H2O Hendrickson lining. HM 218248 and HM 212049. Meritor, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omni brake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels.
RIMS	22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
TIRES	General, 255/70 R 22.5 HT 16 ply (36.6")
AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S)	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Manual blow down valve WITHOUT control box, mounted on a support under crossmembers, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table.
CONTROL BOX	*** Stainless steel ***
ACCESSORIES REGISTRATION HOLDER MUD FLAPS SLIDING TRACK WINCHES	One plastic, Betts-PS-1 or equivalent. One set, rubber black with moose and vertical grooves to reduce spray. Full length, "LL" extruded aluminum, road side. Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8").



ITEM	DESCRIPTION
FINISHING PAINT	Shot blasted, one coat of epoxy primer and one acrylic polyurethane top coats Color: black, code: PPG AU3M95043
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
WHEELS OR RIMS	White (power top coat).
SUSPENSION	"Soft coat". *****EXTRA UNDERCOATING ON SUSPENSION*****

ESTIMATED EMPTY WEIGHT 14,979 LBS +/- 3%

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.