

HALE

TRAILER

BRAKE & WHEEL



A029380-A029404

VIN: 503401-503425

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GVWR

Product Type:	Container Chassis
Feature:	New Chassis
Design Requirement:	Designed for repeated use in stevedoring and transportation of cargo containers
Design Regulation:	Meets DOT, AAR, ANSI, TOFC, FMVSS, ISO, SAE and TTMA requirements to operate in effect at time of manufacture in USA.
* Maximum Container Gross Weight:	52,900 LB. (20' Container) & 67,200 LB. (40' Container)
* VIN Plate for Chassis:	US VIN Plate for Combo Chassis
* Tare Weight:	Estimated Chassis Tare Weight 7,700 LB (+/- 3%)
* GVWR:	Trailer to meet 74,900 Pound GVWR

GEOMETRY

* Overall Length & Type:	20'/40' Extendable Frame, Gooseneck Frame, Combo Chassis
Frame Bogie Type:	W/ Fixed Tandem Bogie (2-Axle)
Overall Frame Width:	96" over Bolster
Overall Width over Tire:	96"
Main Frame Width:	40"
Rear Height:	48" +/- 1" nominal from ground to the top of the rear bolster in unladen condition
* King Pin Location:	24" from the rear face of the front bolster (40' Tridem STD)
* Fifth Wheel Height:	48"
* Landing Gear Location:	118" from the Rear Face of the Front Bolster (20'/40' Combo Chassis)

TIRES & WHEELS

Tire Furnished:	Factory Furnished
* Tire Manufacturer:	WESTLAKE
* Tire Size:	295/75R22.5
Wheel Furnish:	Factory Furnished
Wheel Material:	All Steel Wheel
Wheel Manufacturer:	Accuride
Wheel Size:	8.25 x 22.5, 5-Hand Hole (Steel, Inner & Outer)
Wheel Color:	White
Rim Spacer:	None due to Disc Wheel & Hub Application
Valve Stem & Cap:	Myers TR-572-F19 Valve stem

Rev.B

UPPER COUPLER

* Pick-Up Plate:	5/16" (8.0mm) thick pick-up plate w/ sufficient 2" dia. water drain holes
King Pin Trans-Support:	1/4" (6.4mm) thick fabricated channel king pin Trans-support
King Pin:	Standard (Jost) Cruciform King Pin

LANDING GEAR

L/Gear Mt'g Method:	Outboard Mounting
L/Gear Shoes:	10" X 10" X 2" Sand Shoe Low Profile
L/Gear Ground Clearance:	Nom. 12" Ground Clearance
* Landing Gear:	Jost HT420.T18.17.159- 42.4"+ HDG, Low Profile Sand Shoe w/ Solid Axle.
* Crank Handle:	Located at Roadside

Rev.B

FRAME-CC/CD

Main Beam:	12" Deep x 19 lb/ft main beam, A572GR50
* G/N Beam & Height:	5-1/4" Deep Fabricated H-beam having 4-3/4" (120.6mm) Standard Deep Tunnel Gooseneck

	Height, Chassis Combo 20'/40'
* G/N or FWD Beam Spec:	5/8" Thick x 4" Wide Top Flange, 1/2" Thick x 4" Wide Bottom Flanges and 3/8" thick Web, A572GR50
* G/N Misc. Option:	Fabricated Channel Crossmember w/ gusset integrated, for Beam Transition for Extendable chassis Only, A572GR50
Crossmember:	Fabricated channel crossmember w/ gusset integrated, A572GR50
* Crossmember Thickness:	3/16" thick
L/G Support Bracket:	3/16# Thick Channel Type GR80 Bracket and 3/16# 3/16" thick skirt type supports with 4" x 5 Lb/Ft channel brace
* Front Gusset Spec.:	Front Gusset, t1/4" x 18" x 18" for 40'GN & Middle Gusset t1/4" x 13-9/16" x 20-1/4" for 20'SL
Rear Gusset Spec.:	Rear Gusset w/ bending rib, 1/4" thick x 16" x 16"
FT Bolster Spec.:	8" wide x 10" deep x 3/16 thick GR80, open section. Rear web shall be tapered forward at the top approx. 3-1/2" x 45° to provide container gather
FT Bolster Mat'l:	3/16" (A572GR80)
FT Bolster Locking Device:	Locking Pin Type
FT Locking Spec.:	Locking Pin - Penz part # 90-19
* Front Bolster for 20# Cont loaded	Spec: 8# Wide X 6# High X 5/16# Thick Rect. tube A500GRB Center FT. Bolster w/ with Cantilever Twist Locks Buffer 3633R
* Front Bolster Miscellaneous Parts:	PSI Lamp Bracket
* PSI Bracket Installation:	Meritor PSI or Tiremaax Tire Inflation System w/ Thermal Alert
RR Bolster Spec.:	6-7/8" wide x 7-1/2" deep, "U" type bottom channel (For 53')
RR Bolster Channel Mat'l:	3/16" (A572GR80)
RR Bolster Top Plate Mat'l:	5/16" (A572GR80)
RR Bolster Locking Device:	Non-retractable twistlocks, Insert type, Penz #90-36.
License Plate:	Temporary use (for Delivery) Fasten with Bolt and Nut GR5, Zinc plate finished
License Plate Bracket Install:	Standard Install Location
Mudflap Mounting:	24" Width Bracket Mounted on Rear Bolster Channel
Mud Flap Material:	1/8#Thick x 24# wide Mud Flap Bracket Welded to Rear Bolster
* Main Ext. Beam (Extendable):	Combo Ext Beam w/ Manual Pin Mechanism and Linkage Handle Protected Inside Frame & Slide Pads
* Ext. Beam Mechanism:	Manual
Rear Under Ride Bumper:	Weld on Vertical steel flange w/ horizontal member
Horizontal Member:	Weld On 4" x 4" Tube "C" channel horizontal step guard
Bumper Spec.:	Steel Bumper extended 2-3/16# from rear face of rear bolster

RUNNING/SUSP-CC

Axle Spacing:	49" Axle Spacing
Axle ABS System:	Tandem Axle w/ 2S1M ABS System
Bogie & Axle Location:	Location to be Fixed at 54" from the rear face of rear bolster (2-Axle STD)
* Susp. Spec.:	Hutchens Undermount Hanger w/ TOP PLATE H-9700
Spring Spec.:	3 Leaf - High Arch
Axle Supplier:	Meritor
Axle-General Spec.:	Axle - Tandem (2) Axle for 2S1M System
Axle-Track Length:	71-1/2"
* Axle-Wall Thickness:	Nom. 1/2"
Axle-Spindle:	Tapered Spindle
Brake Lining:	16.5" x 7", Meritor MA212 Q+
* Brake Control System:	2S/1M Wabco iABS
Spring Brake Control:	Sealco 110500 Springbrake Priority
* Air Tank:	1 - Large air tank
* Drain Valve:	Drain Valve w/ Pull Handle Cable
Air Line:	Standard Color Coded Nylon Tube for Both Service (Ø3/8#) & Emergency (Ø1/2#)
Air Hose & etc.:	Standard Hose Application
* Slack Adjuster:	TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Spline for Meritor Axle.
Brake Chamber:	TSE 3030 Tamper Resist

Brake Chamber Stroke Length:	Standard Stroke Length
Brake Chamber Other Spec.:	Manufacturer's Standard Components
* Hub or 5-Spoke Wheel:	Conmet 10 Stud Hub Piloted Outboard Iron Hub SH-ST & Cast Steel B. Drum, TN Type for Steel D-W with Casting 10083937
* Bearing Specification:	Stemco
Lubrication Spec.:	Chev Delo (Syn) Grease
* Wheel Seals:	Stemco Discover
* Hub Cap:	Stemco Sentinel 358-4009 TN Axle Type Hub Cap, Grease Application
Wheel Nut:	Stemco Pro-torq Spindle Nut Type TN 447-4743
* Tire Inflation Spec.:	Meritor PSI Tire Inflation System w/ Thermal Alert
* Tire Inf. Pressure Pre Set:	100 PSI Pre-Set
Gladhands:	Phillips Gladhands, Service #12-0061 & Emergency #12-008123 W/FILTER
Gladhand Location:	Located at Center of Front Bolster Together with 7-Way Connector and Bolt Type

ELC/ATR-CC/CD

* Harness-Chassis:	Molded Color-Coded Phillips QCS Harness w/ GPS Drop Out cable & Locking Device connector.
7-Way Connector:	Integrated in QCS Harness with Split Pins #16-724
Front Marker Lights Spec.:	Phillips 51-HY37323 AMBER LED-PC Mounting w/Anti-theft Hardware
Rear Lamps MT'G Location:	Mounted on Rear Bolster
Mid-Marker Lights Spec.:	Phillips 51-HY37323 AMBER LED-PC Mounting w/Anti-theft Hardware
Rear Side Marker Lights Spec.:	Phillips 51-HY37322 RED LED-PC Mounting w/Anti-theft Hardware
Rear Side Marker Lights Location:	Rear Bolster
Rear Lights Spec.:	Phillips 51-HY37322 RED LED-PC Mounting w/Anti-theft Hardware
Rear Lights Location:	(3) Lamps Mounted on Rear Bolster
Rear Stop/Turn/Tail Lights Spec.:	Phillips 51-HY40202-0 4" Round Red STT w/Flange Mounting
Tail Light Protector:	"U" type Eyebrows & Center Bar (Standard)
Anti-Theft Bracket:	HT Standard 121-15021
Air & Electric Holders:	Mtg. Base w/Nylon Tie (STD)
ABS Light:	Phillips 51-HY37323 Amber 3/4" Penny, PC Rated w/ Anti-theft Hardware
ABS Light Location:	Rear Bolster
License Light:	Phillips 51-HY37721-0 (Button Style, Clear) with Grommet (19mm Hole Required)
License Light Location:	Rear Bolster Bottom offset to the Right
Registration Holder:	Factory Choice Phillips 16-802
Decal:	Factory Furnished Hyundai Information & Regulatory Decal Package With FMCSA
Option Related Decal:	Standard Application
Conspicuity Markings:	Conspicuity Stripe 7"x11" (7" white & 11" Red) 3M
* Paint Spec.:	Hot Dip Galvanized, Primer & Paint Only for Axles, Suspension Components & Air Tank
* Paint Supplier:	CMP
* Paint Color:	Hot Dip Galvanized & Silver CMP UNIX25A CSC-9191 for Axles, Suspension Components & Air Tank
* Primer:	Hot Dip Galvanized & CMP Epicon Zinc HB232 Redish Brown for Axles, Suspension Components & Air Tank
Mudflaps Furnished:	Factory Furnished Mudflaps
Mudflap Specification:	24"x30" White Plastic Anti-Sail with Hyundai Logo for 4 Holes Bracket
Mud Flap Mounting Ground Clearance:	6" Min. Ground Clearance (STD)
Mud Flap Mounting Location:	Mounted on Rear Bolster Channel (STD)

DISCLAIMER

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Equipment availability, prices and specifications are subject to change without notice.