

HALE

TRAILER

BRAKE & WHEEL



A029405-A029429
VIN: 503201-503225

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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:	66,000 LB. (20' Container) & 74,000 LB. (40' Container)
* VIN Plate for Chassis:	US VIN Plate for Combo Chassis
* Tare Weight:	Estimated Chassis Tare Weight 11,000 Lbs (± 3%)
* GVWR:	Trailer to meet 85000 Pound GVWR

GEOMETRY

* Overall Length & Type:	20'/40' Gooseneck Frame, Combo Chassis w/ Sliding TRI-Axle Suspension & Retractable Rear Bolster
* Frame Bogie Type:	W/ Sliding Tridem Bogie (3-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:	17-1/2" from the rear face of the front bolster
* Fifth Wheel Height:	48"
* Landing Gear Location:	117-1/2" from the Rear Face of the Front Bolster (20'/40' Combo Chassis TRI-AXLE & 109# spread Axle)

TIRES & WHEELS

Tire Furnished:	Factory Furnished
* Tire Manufacturer:	WESTLAKE
* Tire Size:	255/70R22.5
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:	TR-572 Valve Stem# 8900HALNC for use w/PSI; w/o Cap

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 Long-Support:	1/4" (6.4mm) thick fabricated channel king pin Long-support (20'/40' Combo Chassis TRI-AXLE & 109# Spread Axle)
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 A440-T1-17, Low Profile Sand Shoe
* Crank Handle:	Located at Roadside

FRAME-CC/CD

- * Main Beam: Fabricated H-Beam with 1/2" Flanges Grade 130 & 3/16" Web Grade 80 For 20'/40' Combo Chassis TRI-AXLE & 109# spread Axle
- * G/N Beam & Height: 6.3# Deep Fabricated H-beam having 4-3/4" (120.6mm) Standard Deep Tunnel Gooseneck Height, 20'/40' Combo Chassis TRI-AXLE & 109# spread Axle
- * G/N or FWD Beam Spec: 1 1/2" thick x 5" Wide Top & Bottom Flanges GR130, 3/8" thick Web GR80 and 3/8# Thick X 4# Wide Reinforcement Transition GR130 (20'/40' Combo Chassis TRI-AXLE & 109# Spread Axle)
- Crossmember: Fabricated channel crossmember w/ gusset integrated, A572GR50
- * Crossmember Thickness: 3/16" thick
- * L/G Support Bracket: 3/8" thick Angle type bracket with "K" brace and 4" x 5 Lb/Ft channel brace
- * Front Gusset Spec.: Front Gusset, t3/16" x 9" x 26", 20'/40' Combo Chassis TRI-AXLE & 109# Spread Axle.
- * Rear Gusset Spec.: Rear Gusset w/ Bending Rib, 1/4" thick x 8" x 16" X 30#, 20'/40' Combo Chassis TRI-AXLE & 109# Spread Axle.
- * FT Bolster Spec.: 6.7# W x 7.7# H x 1/4# Thick #C# Channel GR50, 20'/40' Combo Chassis TRI-AXLE & 109# spread Axle
- * FT Bolster Mat'l: 1/4" thick (A572GR50)
- * FT Bolster Locking Device: Locking Pin & Twist Lock, 20'/40' Combo Chassis TRI-AXLE & 109# Spread Axle.
- * FT Locking Spec.: Locking Pin - Buffer part 1103-1213 L/R & Twist Lock 1102-1690 R/L
- * Front Bolster for 20# Cont loaded Spec: 5.9# Wide x 3/8# thick top plate, 1/4# web and 5.9# x 5/16# thick I-Beam Type Bolster with Cantilever Twist Locks
- * FT & RR Bolster Locking Device & Spec: Retractable Twist Locks, Cantilevered type, Buffer #BU3623-R
- * FT Bolster for 20# Container Empty Spec: 5# Wide x 4.82# Deep x 1/4# thick #U# Type Channel with Cantilever Twist Locks
- Front Bolster Miscellaneous Parts: Mounting Plate for Air & Electric Lines
- * PSI Bracket Installation: Meritor PSI Tire Inflation System
- * RR Bolster Spec.: 5-13/16 Wide x 6# Deep, #U# Type Channel
- * RR Bolster Channel Mat'l: 1/4" (A572GR50)
- * RR Bolster Top Plate Mat'l: 3/8" (A572GR50)
- * RR Bolster Swivel for 20# Container Spec: 5# Wide x 4.82# Deep x 1/4# thick #U# Type Channel with Cantilever Twist Locks
- * RR Bolster for 40# Container Spec: 4# Wide x 6.7# Deep Fabricated Rectangular Tube with 1/2# Top & BTM plates and Retractable Mechanism with Cantilevered Twist Locks
- * RR Bolster Locking Device: Retractable Twist Locks, Cantilevered type, Buffer #BU3623-R
- 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 of Slider Frame or Slider Bogie
- * Mud Flap Material: 3/16#Thick Mud Flap Bracket Included w/ Outrigger Channel 20# S/L
- * Slider Ext. Beam: 14.65# Deep with 6# Wide top Flange and 9# Wide Bottom Flange GR130 & Web GR80 Fabricated H-Beam.
- * Slider Pin: 1-7/8" Diameter Slider Pin with Bolted Mechanism for Combo TRI-Axle & 109" Spread
- * Slider Pin Mechanism: Slider Pin W/ Pneumatic Mechanism
- 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 with Anti-skid "Pooched" Step Guard to Prevent Slipping off.

RUNNING/SUSP-CC

- * Axle Spacing: 61" Axle Spacing
- * Axle ABS System: Tridem Axle w/ 4S2M iABS System
- * Bogie & Axle Location: Location to be Fixed at 21-1/4" \pm 1/2# from Rear Face of Rear Bolster to Rear Axle Center (20#/40# Combo 3-Axle)
- * Susp. Spec.: Hutchens 61# TRI US, UN-MT, 5# RD Axle, 1.25# SS, 325-01 Spring Leaf, Combo 20/40 TRI-AXLE
- * Spring Spec.: 2 Leaf - Med Arch
- Axle Supplier: Meritor
- * Axle-General Spec.: Axle - Tridem (3) Axle for 4S2M 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:	4S/2M Wabco iABS
Spring Brake Control:	Sealco 110500 Springbrake Priority
* Air Tank:	3 - Small air tanks
* 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
* Brake Cont-Filter & etc.:	Install Haldex Quick Release Valve
* 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, TP Type for Steel D-W with Casting 10083939
* Bearing Specification:	Stemco
Lubrication Spec.:	Chev Delo (Syn) Grease
* Wheel Seals:	Stemco Discover
* Hub Cap:	Stemco Sentinel 340-4370 TN Axle Type Hub Cap for PSI, Grease Application
Wheel Nut:	Stemco Pro-torq Spindle Nut Type TN 447-4743
* Tire Inflation Spec.:	Meritor PSI Tire Inflation System w/ Thermal Alert, w/o Lamp & Delphi Connectors
* Tire Inf. Pressure Pre Set:	110 PSI Pre-Set
Gladhands:	Phillips Gladhands, Service #12-0061 & Emergency #12-008123 W/FILTER
* Gladhand Location:	Located at Road Side of Front Bolster

ELEC/ATR-CC/CD

Harness-Chassis:	Molded Color Code Phillips Harness with QCS Plug with 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 Slider Rear Bolster 20/40 Combo Chassis TRI-Axle
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:	Mounted on Slider
Rear Lights Spec.:	Phillips 51-HY37322 RED LED-PC Mounting w/Anti-theft Hardware
* Rear Lights Location:	(3) Lamps Mounted on Slider Rear Bolster 20/40 Combo Chassis TRI-Axle
Rear Stop/Turn/Tail Lights Spec.:	Phillips 51-HY40202-0 4" Round Red STT w/Flange Mounting
* Tail Light Protector:	"L" Type Eyebrows for Cantilever Twist Lock
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:	Mounted on slider
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.:	Top Coat : Poly-Urethane, Primer : Zinc Rich Primer
Paint Supplier:	PPG
Paint Color:	Black Urethane PPG DelFleet HSI993519 W/ Zinc Rich Primer Spectracron SEP79745
Primer:	PPG Zinc Rich Spectracron 65% Zinc #SEP79745 W/ Cure Agent #GXM77957A
Mudflaps Furnished:	Factory Furnished Mudflaps
* Mudflap Specification:	24"X17" Black Rubber Anti-Sail without Logo
Mud Flap Mounting Ground Clearance:	6" Min. Ground Clearance (STD)
* Mud Flap Mounting Location:	Mounted on Bogie Slider

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.