

INTRODUCING  
**PRO-HAUL CHASSIS**

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# 40'-45' PRO-HAUL TANDEM INTERMODAL CHASSIS



## FEATURES

- Gooseneck frame
- All LED Lights
- Hutch 9700 series three leaf spring suspension, 22,400 LB GAWR\*
- 5" Round 25,000 LB axle with oil bath hubs
- Two speed 50,000 LB lift capacity landing gear, 10 x 10 sand shoes
- 10 Hole Hub piloted wheels with 11R22.5 Tubeless Radial Tires
- 16-1/2 x 7 quick change brakes, Haldex ABS brake system\*
- 30/30 brake chambers
- GVWR 65,000 LB
- 36" Kingpin Setting
- Grade 50, 12" x 19 LB/ft. I-BEAM construction
- Tare weight approx. 6,800 LB
- Slide pins lock in positions to hold 40' or 45' ISO container

\*or equivalent

+Pro-Haul reserves the right to correct all errors and omissions



# 40'-45' PRO-HAUL TANDEM INTERMODAL CHASSIS

## PRODUCT

- Feature: New Chassis designed for the 21st century
- Designed for repeated use in transportation of intermodal cargo containers
- Meets DOT, AAR, ANSI, TOFC, FMVSS, ISO, SAE and TTMA requirements in effect at the time of manufacture in USA
- Maximum Gross Weight: 65,000 LB
- VIN Plate for Chassis: Standard US VIN Plate
- Tare Weight: 6,800 LB

## GEOMETRY

- Overall Length & Type: 40'9" Closed and 45'9" Extended, Gooseneck Frame
- Frame Bogie Type: With Fixed Tandem Bogie (2-Axle) 25,000 LB Axles
- Overall Frame Width: 96" over Bolster
- Main Frame Width: 40"
- Rear Height: Approximately 48" from ground to the top of the rear bolster in unladen condition
- King Pin Location: 30" from the rear face of the front bolster
- Landing Gear Location: 128" from the rear of the front bolster

## TIRES & WHEELS

- Tires: Factory Furnished
- Tire Manufacturer: Atlas\*
- Tire Size: 11R22.5
- Wheels: Factory Furnished
- Wheel Material: 8 Steel Wheel
- Wheel Manufacturer: Butler\*
- Wheel Size: 8.25 x 22.5
- Wheel Color: White
- Valve Stem & Metal Dome Cap

## UPPER COUPLER

- Pick-Up Plate: 5/16" thick pick-up plate with 2" diameter drain holes
- King Pin Trans-Support: 5/16" (6.4mm) thick fabricated channel king pin Trans-support
- King Pin: Standard (Buyers Product) King Pin\*

## LANDING GEAR

- L/GEAR Shoes: 10" X 10" Sand Shoe Low Profile
- L/Gear Ground Clearance: Approximately 12" Ground Clearance
- Landing Gear: Butler 50,000LB lift/180,000LB Static with 2 Speed Gearbox\*
- Crank Handle: Located at Driver's Side

\*or equivalent

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# 40'-45' PRO-HAUL TANDEM INTERMODAL CHASSIS

## FRAME

- Main Beam: 12" Deep x 19 LB/ft main beam, A572GR50
- G/N Beam & Height: 5" deep fabricated H-beam having 4-5/8" standard deep tunnel with Standard 4-5/8" (120 mm) Gooseneck Height
- G/N or FWD Beam Spec: 1/2" thick x 4" wide top and bottom flanges and 1/4" thick web, A572GR50
- Cross Member: Fabricated channel cross member with triangle gusset, A572GR50
- Cross member Thickness: 3/16"
- L/G Support Bracket: 1/4" channel type bracket with 4" channel brace
- Front Gusset Spec: Front Gusset, 3/16" Triangular
- Rear Gusset Spec: Rear Gusset with bending rib, 3/16" thick Triangular
- Front Bolster Spec: 8" wide x 10" deep, open section. Tapered bolster to provide container guiding operation
- Front Bolster Material: 1/4" thick (A572GR50)
- Front Bolster Locking Device: Locking Pin Type
- Front Locking Spec: Locking Buffers 1103-1175 or Toca 900-905-00\*
- Rear Bolster Spec: 8" wide x 7-3/8" deep, 3/8" L Shape

- Rear Bolster Channel Material: 3/8" (A572GR50)
- Rear Bolster Top Plate Material: 1/2" (A572GR50)
- Rear Bolster Locking Device: Non-retractable twistlocks, Butler 1101-1206\*
- License Plate Bracket Install: Standard Install Location
- Mudflaps: 24" x 36" white factory furnished mudflaps mounted on Vertical steel flange with horizontal member
- Rear Under Ride Bumper: Weld on Vertical steel flange with horizontal member
- Horizontal Member: 4" C-channel horizontal step guard
- Bumper Spec: Bumperless Type. Vertical flange shall be directly extended from rear bolster
- Extendable Frame Section: Fabricated 7.5" I-beam, 1/2"x5" Flanges A572, 1/4"Web A572
- Extendable Frame Cross Members: 3/16" Cross Members 3/16" Triangular Gusset

## RUNNING/SUSP

- Axle Spacing: 49" Axle Spacing
- Axle ABS System: Tandem Axle with 2S1M ABS System
- Bogie & Axle Location: Location to be Fixed at 55" from the rear face of rear bolster
- Susp. Spec: Hutchens Undermount Hanger, H-9700\*
- Spring Spec: 3 Leaf- High Arch 354-00
- Axle Supplier: Butler\*

\*or equivalent

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## 40'-45' PRO-HAUL TANDEM INTERMODAL CHASSIS

- Axle-General Spec: Axle- Tandem (2) Axle with 2S1M
- Axle-Track Length: 71-1/2"
- Axle-Wall Thickness: 5/8"
- Axle Spindle: Tapered Spindle
- Brake Lining: 16.5" x 7" Rockwell Q Type shoes\*
- Brake Control System: 2S/1M Haldex ABS\*
- Air Tank: (2) 9-1/2x27 air tanks
- Air Line: Black Gates Nylon DOT Tubing
- Air Hose: Standard Hose Application
- Slack Adjuster: Meritor Style Auto - 5.5", 28 Spline\*
- Brake Chamber: TGI 30/30 Standard Stroke\*
- Brake Chamber Stroke Length: Standard Stroke Length
- Brake Chamber Other Spec: Manufacturer's Standard Components
- 10 Stud Hub Piloted Outboard Iron Hub with 16-1/2" x 7" cast steel brake drum
- Bearing Specification: Set 413 HM212011 & HM212049 Cone/Cup Set 414 HM218210 & HM218248 Cone/Cup
- Lubrication Spec: Shell Spirax 80w-90\*
- Wheel Seals: Stemco\*
- Hub Cap: Stemco metal 340-4009 oil type hub cap\*
- Gladhands: Velvac Gladhands, Service 035042 & Emergency 035045\*
- Gladhand Location: Located at Center of Front Bolster

### ELEC/AIR

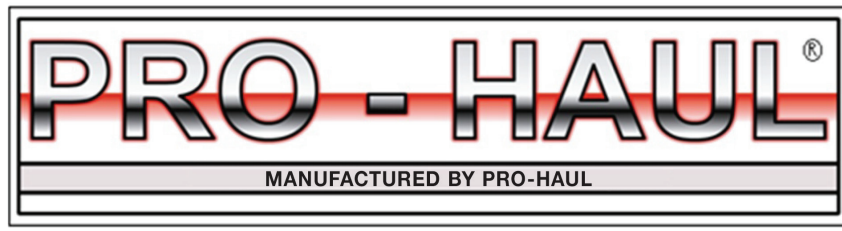
- Harness-Chassis: Molded Truck Lite 88 Series Harness with junction box\*
- 7-Way Connector Pollack 7-Way without Circuit Breakers
- Front Marker Lights: Trucklite 10275Y LED Rivet Mounted\*
- Mid-Marker Lights: Trucklite 3050A LED Rivet Mounted/ Trucklite 6050A MidTurn With TL 99152 WIDE TURN LENS\*
- Rear Side Marker Lights: Trucklite 3050 LED Rivet Mounting\*
- Rear Lights: (3) Trucklite 3050 LED Rivet Mounting\*
- Rear Stop/Turn/Tail Lights: Trucklite 4050 LED Rivet Mounting\*
- ABS Light: Trucklite 30200Y with 10728 Lamp Mounting Bracket & ABS Decal\*
- License Light: Trucklite 15040 LED\*
- Registration Holder: (1) Trucklite 97960\*
- Decals Standard: Factory Furnished
- Conspicuity Markings: Conspicuity Stripe per Federal Regulation

### PAINT

- Metal Preparation: Commercial Shot Blast
- Primer: Zinc Phosphate Epoxy
- Top Coat: Plural Component Acrylic Urethane
- Paint Color: Black, unless otherwise requested

\*or equivalent

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Our goal is to exceed your expectations by providing quality  
products paralleled with exceptional customer service.**

**Thank you,  
PRO-HAUL Management & Staff**



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