

INTRODUCING  
**PRO-HAUL CHASSIS**

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PRO-HAUL is a manufacturing based company located in Gallipolis, Ohio. For 30+ years, we have taken pride in fabricating a quality line of products. Our chassis are built in our Ohio manufacturing facility with domestic high quality steel. PRO-HAUL also builds **CUSTOM** chassis and class 8 trailers for multiple applications. Custom designs available; if you can imagine it, we can build it! We take pride in our products and workmanship. Our goal is to exceed our customer's expectations by providing quality products paralleled with exceptional customer service. Let PRO-HAUL be your **#1** source for your chassis needs!



# 20' PRO-HAUL TANDEM INTERMODAL CHASSIS



## FEATURES

- All LED Lights
- Hutch 9700 series three leaf spring suspension, 22,400 LB GAWR\*
- 5" Round 22,500 or 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
- Cable carrier system for air hose and electric harness protection
- Tandem Slider on roller bearings
  - Bearings integrated in slider for easy repositioning of axles to reduce equipment damage
- Tare weight approx. 6,500 LB

\*or equivalent

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



# 20' 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: 54,000 LB
- VIN Plate for Chassis: Standard US VIN Plate
- Tare Weight: 6,500 LB

## GEOMETRY

- Overall Length & Type: 23'6" Closed 27'6" Extended, Gooseneck Frame
- Frame Bogie Type: Sliding Tandem Bogie (2-Axle) with 22,500 or 25,000 LB Axles
- Overall Frame Width: 96" over Bolster
- Main Frame Width: 40"
- Rear Height: Approximately 52" from ground to the top of the rear bolster in unladen condition
- King Pin Location: 20" from front of chassis
- Landing Gear Location: 57" 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 Wheels
- 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" dia. 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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## FRAME

- Main Beam: 12" Deep x 19 LB/ft main beam, A572GR50
- G/N or FWD Beam Spec: 6" H Beam A572 GR50
- 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 with bending rib, 3/16" thick Triangular
- Rear Gusset Spec: Rear Gusset with bending rib, 3/16" thick Triangular
- Front Bolster Spec: 8" wide x 6 1/4" deep
- Front Bolster Material: Channel 1/4", Top Plate 3/8" (A572GR50)
- Front Bolster Locking Device: Twistlock Type
- Front Locking Spec: Non-retractable twistlocks, Butler 1101-1206\*
- Rear Bolster Spec: 8" wide x 7-1/8" deep
- Rear Bolster Channel Material: 1/4" (A572GR50)
- Rear Bolster Top Plate Material: 3/8" (A572GR50)
- Rear Bolster Locking Device: Non-retractable twistlocks, Butler 1101-1206\*
- License Plate Bracket: Standard Install Location

- Mudflaps: 24" x 30" 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
- Extendable Tandem Bogie: 4"x6" Rectangle Tube. Fitted with roller bearings for extending.
- Extendable Frame Cross members: 1/4" A572GR50 Cross members

## RUNNING/SUSP

- Axle Spacing: 49" Axle Spacing
- Axle ABS System: Tandem Axle with 2S1M ABS System
- Bogie & Axle Location: 52" from rear of sliding tandem bogie
- Susp. Spec: Hutchens Undermount Hanger, H-9700\*
- Spring Spec: 3 Leaf - 354-00
- Axle Supplier: Butler\*
- 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) 9.5x27 air tanks

\*or equivalent

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- 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 hubcap\*
- Gladhands: Velvac Gladhands, Service 035042 & Emergency 035045\*
- Gladhand Location: Located on mount plate at front of chassis

## ELEC/AIR

- Harness-Chassis: Molded Truck Lite 88 Series Harness\*
- 7-Way Connector Pollack 7-Way without Circuit Breakers

- Front Marker Lights: Trucklite 3050A LED Rivet or Grommet mounted, depending on inventory\*
- Rear Side Marker Lights: Trucklite 3050 LED Rivet or Grommet mounted, depending on inventory\*
- Rear Lights: (3) Trucklite 3050 LED Rivet or Grommet mounted, depending on inventory\*
- Rear Stop/Turn/Tail Lights: Trucklite 4050 LED Rivet or Grommet mounted, depending on inventory\*
- ABS Light: Trucklite 30200Y with 10728 Lamp Mounting Bracket & ABS Decal\*
- Hose Protection: Air Line and Electrical Harness enclosed in Igus Hose Carrier System to prevent damage from extending chassis.
- License Light: Trucklite 15040 LED\*
- Registration Holder: (1) Trucklite 97960\*
- Decals Standard: Factory Furnished
- Conspicuity Markings: Conspicuity Stripe per Federal Regulation

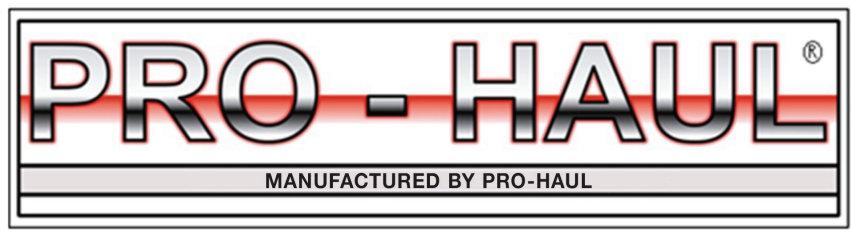
## PAINT

- 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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products paralleled with exceptional customer service.**

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



**MANUFACTURED IN GALLIPOLIS, OHIO**

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