

## 40' TANDEM INTERMODAL CHASSIS

### PRODUCT:

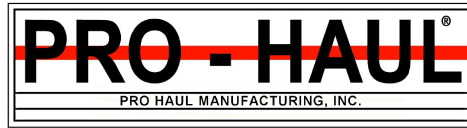
Feature: New Chassis designed for the 21st century  
Designed for repeated use in transportation of intermodal containers  
Meets DOT requirements  
Maximum Gross Weight: 65,000 LB  
Standard US VIN Plate  
Tare Weight: 6,500 LB

### GEOMETRY:

Overall Length & Type: 40' fixed, Gooseneck Frame  
Frame Bogie Type: Fixed Tandem Bogie (2-Axle) with 25,000 LB axles  
Overall Frame Width: 96" over Bolster  
Main Frame Width: 40"  
Maximum Rear Height: Approximately 48"  
King Pin Location: 30" from the rear face of the front bolster

### FRAME:

Main Beam: 12" Deep x 19 LB/ft main beam, A572GR50  
Grade 50, 12" X 19 LB/ft. I-BEAM construction with frame ribs for increased strength  
G/N Beam & Height: 5" deep fabricated H-Beam having 4 3/4" standard deep tunnel with standard 4 3/4" (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  
Crossmember: Fabricated channel crossmember with triangle gusset, A572GR50  
Crossmember 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: 3/16" with bending rib  
Front Bolster Spec: 6" wide x 10" deep, open section. Tapered uprights for container guiding  
Front Bolster Material: Channel 1/4" (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, 1/4" L Shape  
Rear Bolster Channel Material: 1/4" (A572GR50)  
Rear Bolster Top Plate Material: 1/2" (A572GR50)  
Rear Bolster Locking Device: Non-retractable twistlocks, Butler 1101-1206\*  
License Plate Bracket: Standard Install Location  
Mud flaps: 24"x36" white factory furnished mud flaps 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



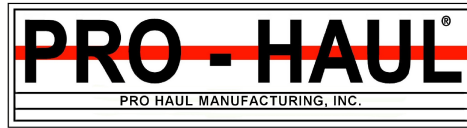
## **40' TANDEM INTERMODAL CHASSIS**

### **RUNNING/SUSPENSION:**

Axle Spacing: 49" Axle Spacing  
Axle ABS System: Tandem Axle with 2S/1M ABS System  
Bogie & Axle Location: Equalizers located at 54" from rear face of rear bolster (2 Axle STD)  
Suspension Spec: Hutchens Undermount Hanger, H-9700\*  
Spring Spec: 3 Leaf - High Arch 354-00  
Hutch 9700 series three leaf spring suspension, 22,400 LB GAWR\*  
Axle Supplier: Butler\*  
Axle-General Spec: Axle - Tandem (2) Axle with 2S/1M or 2S/2M System  
Axle-Track Length: 71 1/2"  
Axle-Wall Thickness: 5/8"  
Axle Spindle: Tapered Spindle  
5" Round 25,000 LB axle with oil bath hubs  
Brake Lining: 16.5" x 7" Rockwell Q Plus Type shoes\*  
Brake Control System: 16 1/2" x 7" quick change brakes, 2S/1M Haldex ABS\*  
Air Tank: (2) 9.5x27 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  
Wheel: 10 Stud Hub Piloted Outboard Iron Hub with 16 1/2" x 7" cast steel brake drum  
Lubrication Spec: Shell Spirax 80w-90\*  
Wheel Seals: Stemco\*  
Hub Cap: Stemco metal 340-4009 oil type hub cap\*  
Hubodometer: None  
Slack Adjusters: Automatic  
Gladhands: Velvac Gladhands, Service 035042 & Emergency 035045\*  
Gladhand Location: Located at Center of Front Bolster (HT G/N STD)

### **TIRES & WHEELS:**

Tires: Factory Furnished  
Tire Manufacturer: Atlas Tire\*  
Tire Size: 11R22.5  
Tire Inflation System: None  
Wheel Size: 8.25 x 22.5  
Hub Type: Hub piloted for disc wheels  
Wheel Color: White



## **40' TANDEM INTERMODAL CHASSIS**

### **UPPER COUPLER:**

Pick-Up Plate: 5/16" thick pick-up plate with 2" diameter drain holes

### **LANDING GEAR:**

L/Gear Shoes: 10" x 10" sand shoe low profile

L/Gear Ground Clearance: Approximately 12" Ground Clearance

Landing Gear: Butler 50,000 LB lift/180,000 LB static with 2 speed gearbox\* or Evolution 48,458 LB lift/138,765 LB static\*

Crank Handle: Located at drivers side

### **ELECTRIC/AIR:**

All LED Lights

Harness-Chassis: Molded Phillips Harness\*

7-Way Connector without Circuit Breakers\*

Front Marker Lights: Trucklite 3050A LED Rivet Mounting\*

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/OTHER:**

Metal Preparation: Commercial Shot Blast

Primer: Urethane Epoxy

Top Coat: Plural Component Acrylic Urethane

Paint Color: Black, unless otherwise specified

### **Options :**

Steps: 36" Rear Step Up Platform (changes Tandem location from rear of chassis)

Axles: 102" Wide TP axles w/ Haldex Slack Adjusters

ABS: Wabco 1S/2M

Tires: 275/80R22.5 Michelin XTE

Landing Gear: A440.G8.19 Landing Gear

Accessories: Alum. Fenders (Front and Rear)