

HALE

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MP20 | Chassis Trailer

20-40' City Combo Intermodal Chassis

weight: 7,500 lbs | length: 29' 10"

General	This Chassis Is Designed For Transporting 40' or 20' ISO Dry Container. This Chassis Meets All DOT, AAR, ANSI, TOFC, FMVSS, SAE And TTMA Specifications
Feature	Description
Overall Length	29'-11" Retracted or 40'-10" Extended
Overall Width	96"
Overall Height	58"
Fifth Wheel Height	48 +/- 1"
Rear Deck Height	48 +/- 1"
King Pin Location	24" From rear face of front bolster
Landing Gear Location	100" From the kingpin center
Tandem Location	54" From rear face of rear bolster
Axle Spacing	49"
Tare Weight	7,700 lbs +/- 3%
Payload	44,800 lbs in 20' position; 67,200 lbs in 40' position
Front Main Beam	Fabricated I-beam with high strength Grade 100 steel flanges.
Extension Beam	Fabricated 7-5/8" tall x 5-1/4" wide I-beam with high strength Grade 100 steel flanges.
Rear Main Beam	W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.
Cross Member	Fabricated 3/16" thick channel with profiled bar type diagonal brace. Local supplier
Upper Coupler	5/16" pick up plate with JOST 2" diameter square type king pin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding.
Front Bolster	8" wide x 10" high x 1/4" thick open section, with 3-1/2" chamfer in full length for gathering container in operation. 7-way receptacle and glad hands are located in the center of front bolster. Cast corner caps.
Rear Bolster	8" wide x 3/8" thick top plate with 7" wide x 6-5/8" deep x 1/4" thick "U" type bottom channel. Local supplier.

Rear Bumper	4" x 4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam. Local supplier
License Plate Bracket	Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear fleet number & license plate. Local supplier
Front Locking Pin	BUFFERS 1103-1213-L/R.
Center Twist Lock	BUFFERS 1101-3623-R
Rear Twist Lock	BUFFERS 1102-1259-L/R.
Locking system	Air operated locking pins, Activated by HALDEX Goldseal 24/24 spring brakes on both sides of the trailer through third glad hand on front sill.
Landing Gear	SAF-HOLLAND ATLAS65 with 65,000 lbs capacity, 2-speed 17" travel with low "T" shoes. Crank handle is located on the driver's side of the chassis. Pre-painted BLACK color. Landing gear brackets are welded on the main beam as the layout.
Suspensions	HUTCH H9700 mechanical tandem suspension, overslung configuration with CASC high-arch 3-leaf spring (354-00). Pre-painted BLACK color.
Axles	YORK 5" round axles with 22500lb capacity; 71.5" track, Q+ 16.5"X7" 4515Q brake. Dust shields are provided. Pre-painted BLACK color. 1.5-28 spline, HALDEX 5.5" automatic slack adjusters. reserved PSI interface; Heat Sensing Labels. Axle Installation orientation: 90 degrees REAR, chambers DOWN (1 abs ready front, 1 non abs rear per unit).
Wheel End	YORK Hub & Drum Assembly. STEMCO 340-4370 Solid Aluminum Grease Hub Cap with umbrella valve. SKF seals P/N Scotseal plus XL 46305. ORBIT TN bearings. Spindle nut: YORK Double Nut.
Lubricant	MOBILITH SHC 007 Synthetic Semi-fluid grease lubricant.
Wheels	SUNRISE 22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted WHITE color.
Tires	SAILUN 11R22.5-16PR tubeless type, S665 tread.
Brake System	SEALCO 110800 spring brake priority valve system and WABCO 2S/1M ABS system. PHILLIPS glad hand 12-0061 and 12-0081. TECTRAN 3/8" blue air tube for control and 3/8" red for supply. HALDEX Goldseal T30/30, 3.0" stroke brake chamber. TCMC air tanks (Pre-painted BLACK color).
Electrical	PHILLIPS mold seal wiring harness, Reserved PSI and GPS connector. OPTRONICS (Taiwan) LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting.
Electrical Receptacle	PHILLIPS 16-724 plastic material with split pins.
Document Holder	TCMC. Installed on roadside near crank handle.
Conspicuity Tape	"3M" brand. Installed per federal regulations.
Paint	Black
Tire Inflation	Yes
Hub odometer	None
Anti-Sail Mud Flaps	Dorsey Intermodal Branded White