The Leading Manufacturer of Container Chassis in North America



20/40/45' Combo HD Tridem

Extended Length	Closed Length	Overall Width	Axle Spread	Tare Weight	GVWR
46'-2''	34'-6''	102''	61''	5,760 kg (12,700 lb)	40,830 kg (90,000 lb)

Quality. Reliability. Durability.

Specifications

20/40/45' Combo HD Tridem

Key Features

This Max-Atlas chassis is designed to carry one (1) 20' or one (1) 40' or one (1) 45' or two (2) 20' empty ISO containers.

Meets all DOT, C(F)MVSS, AAR, TOFC, ISO, ANSI, SAE, and TTMA specifications.

General Specifications

Overall Length:	34'-6'' (Retracted), 46'-2'' (Extended)
Overall Width:	102''
Fifth Wheel Height:	48'' ± 1''
Rear Deck Height:	49'' ± 1''
King pin Location:	15.5'' (From the rear face of the front bolster)
Landing Gear Location:	100'' (From the center of the king pin)
Axle Spread:	61''
Tridem Location:	Variable with 6'' increments in travel
Tare Weight:	5,760 kg (12,700 lb) ±3%
GVWR:	40,830 kg (90,000 lb)

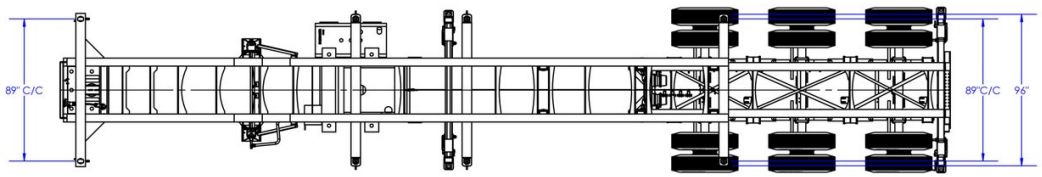
Steel Structure & Chassis Components

Main Beam:	Fabricated or from Hot rolled beams. GN area will be fabricated in construction.
Cross members:	Channel types with integrated triangular ribs at both sides.
King pin:	Wallace Forge or Max-Atlas chosen equivalent of 2'' diameter Mushroom series king pin.
Upper Coupler:	Minimum ¼'' thick pick-up plate with water drain holes.
Front Bolster:	Fabricated in construction with twist locks & Pinlocks on both the ends.
Intermediate & Rear Bolster:	Fabricated in construction with twist locks on both the ends. Flip-ups design for rear intermediate bolster carrying 20' empty container.
Pin-locks:	Buffers USA or TOCA.
Twist locks:	Buffers USA or TOCA.
Landing gear:	JOST A440 or Max-Atlas chosen 2 speed with solid axle; 28,350 kg (62,500 lb). Lifting capacity with Low-profile sand shoes. Crank handle is located on the roadside of the chassis. Landing leg color is Black.
Suspension:	AXN, Eveley, Hutchens or Max-Atlas chosen Tridem mechanical suspension.
Leaf:	Standen, Dayton or Max-Atlas chosen Single leaf spring.
Axles:	AXN, Meritor or Max-Atlas chosen N-Series, 5'' round, 77.5'' track axles without Dust shields. Beam Capacity: 11,340 kg (25,000 lb).
Lubricant:	Semi-fluid grease.
Hubs:	Axle manufacturer standard hub piloted hubs with 10x M22 studs @ 11.25'' BC.
Drums:	Axle manufacturer standard outboard mounted steel drums with 16.5'' x 7'' brakes.
Slack Adjusters:	Haldex, TSE or Max-Atlas chosen 1.5-28 spline automatic slack adjusters
Brake Boosters:	Haldex, TSE or Max-Atlas chosen 30/30 Brake boosters to be mounted 270 degrees FRONT, chambers UP (ABS & Non-ABS versions).
Wheels:	Max-Atlas chosen 22.5 x 8.25 hub piloted white colored steel wheels.
Tires:	Mirage or Aeolus or Max-Atlas chosen 11R22.5-minimum 14 ply rated tubeless type tires.
Brake System:	2S/1M ABS system from Haldex or Max-Atlas chosen equivalent. Color coded air tubes and gladhands for supply and emergency lines. Air Tanks to meet the C(F)MVSS standards.
Electrical System:	Grote or Max-Atlas chosen 12 volt sealed and molded modular wiring harnesses with all LED lights.
Document Holder:	Installed on the roadside, near to the landing leg.
Painting:	Abrasive blast of all metal surfaces will be done to achieve clean bare steel. Surface will be coated with primer and topcoat. Coating supplier – PPG, Chassis Color – Black (RAL 9005).
Marking:	Max-Atlas standard (includes standard Decal layout, VIN plate).
Conspicuity tape:	Installed to meet the C(F)MVSS regulations.
Fasteners:	All structural fasteners are Grade 5 or better and are Zinc coated.
Mudflaps:	Black rubber mudflap with Max-Atlas Logo.
Options available:	Automatic Tire Inflation System, BlackBerry GPS, Customer Decals, Genset Ready, Hubodometer & PPG paint colors.

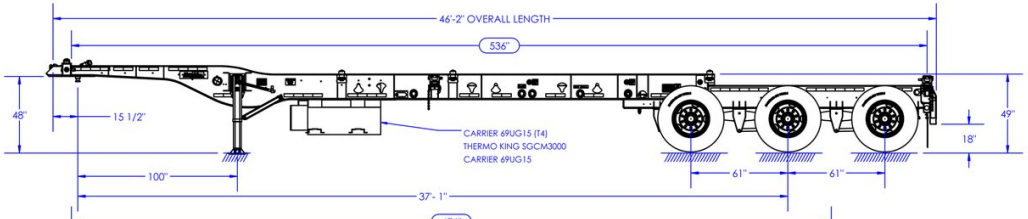
Max-Atlas International Inc.

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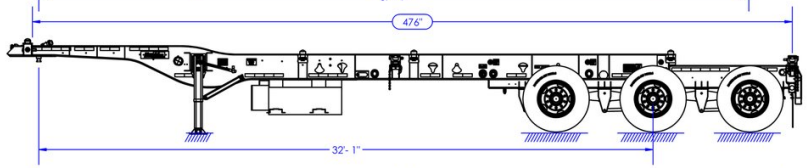
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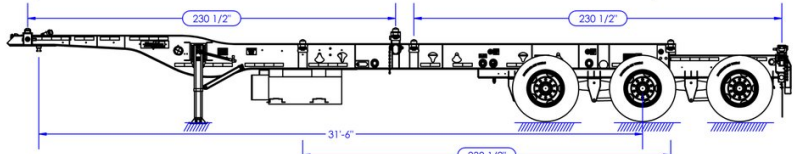
POSITION 45'



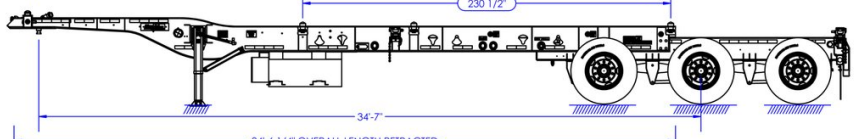
POSITION 40'



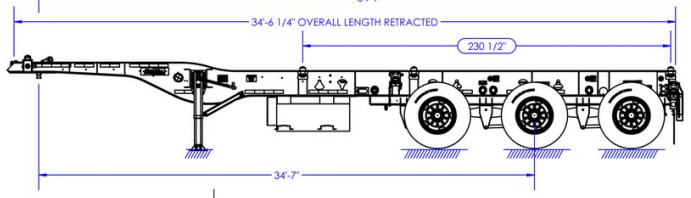
POSITION 20' FULL



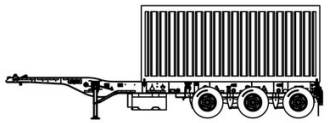
POSITION 2 X 20'



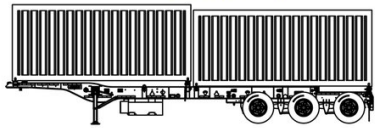
CLOSED



20' CLOSED



2 X 20' [EMPTY]



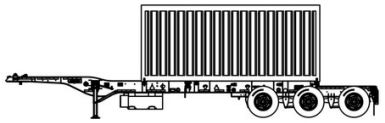
40'



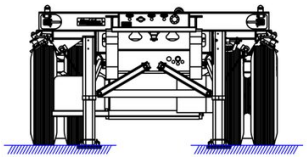
45'



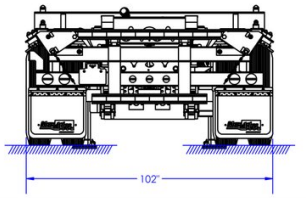
20' FULL



FRONT VIEW



REAR VIEW



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POSTES DE PRODUCTION					VERIFIE	MSR	DATE 26/02/02
POIDS	DESSINE	JSR	DATE 26/01/29		APPROUVE	ABB	DATE 26/02/02
PROJECTION	TITRE	20' / 40' / 45' COMBO HD TRIDEM					
FORMAT B	ECHELLE 1:75	No DESSIN CC3545-12-3S-05			REVISION A	FEUILLE 1 DE 1	

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