CONVERTER DOLLY
D213-2-05

ENGINEERED TO PERFORM

max-atlas.com
CONVERTER DOLLY  
D213-2-05

This specification covers a D-2 converter dolly, tandem-axle spring ride, used in long combinations vehicles (LCV), to be able to attach two semi trailers together. This converter dolly is designed to use an airbag to lift the drawbar. There are no landing jacks that can be damaged during coupling operation. “Engineered to Perform”

DRAWBAR
Positioning of the drawbar is air activated and controlled by an air bag and a shut off valve.

STRUCTURE
Main Beams
I beam 6" x 6" x 15 lbs/ft hot rolled CSA G40.21 Grade 50W. The hinged drawbar consists of HSS 3" x 3", hot rolled CSA G40.21 Grade 50W. Length of drawbar depends on operation.

CROSS MEMBER
Structural channel 5" hot rolled CSA G40.21 Grade 50W.

RUNNING GEAR
Suspension
Spring ride tandem (2) fixed suspension with one (1) leaf spring.

Axles
Axle Quantity: 2
Axle Description: 5" round diameter, 77 1/2" track, 1/2" wall with 22,500 lb capacity.

Axle Spread: 49".

Brakes
Drum & Hub: 10 stud steel hub piloted hubs, outboard mounted cast steel drums.
Brake: 16.5" x 7" non asbestos lining.

Lubrication
Oil or synthetic grease.

Brake System Type
25/1M, 30/30 brake chambers, automatic slack adjusters.

Wheels
Rims: Steel 8.25 in. X 22.5 in. hub piloted tubeless.
Rims Color: White.

Tires
Tire Sizes: 11R22.5, 16 ply (14 ply available).

Tire Inflation System: Optional.

ELECTRICAL
LIGHTING
Wires: Fully sealed and certified, meets all FMVSS and CMVSS regulations.

Lamps: Flange mounted, LED.

GENERAL SPECS
Conspicuity Tape: “Conspicuity marking per latest Federal Safety Standards”.

Fasteners: All structural fasteners are Grade 5 or better and are zinc coated.

Tow Hook & Chains: Two (2) safety chains 5/8 Grade 80 with hooks to be installed on both left and right side of the converter dolly.

Document Holder: Plastic with pressure fit see through cover lens.

Mud Flaps: Two (2) Max-Atlas anti-sail 24" x 24" black rubber mud flaps.

Lettering: Optional.

FINISH
Metal Preparation: Clean, dry steel and NACE No. 3 /SSPC-SP-6 “Commercial Blast Cleaning”.

Primer: Rich epoxy primer.

Topcoat: Polyurethane top coat.

Premium Primer Optional: R1 epoxy primer 10 year warranty.

Optional: Galvanized.

DIMENSIONS
Overall Chassis Length: 12’ 7/8”
Overall Chassis Width: 102’
Maximum Rear Height: 47” fifth wheel height

TARE WEIGHT
Tare Weight (KG): +/- 2% 2,230 kg
Tare Weight (LB): +/- 2% 4,916 lb
GVWR: USA 40,000 lb - CAN 40,000 lb
GCVWR: USA 80,000 lb - CAN Consult with your sales representative

Max-Atlas Equipement International Inc.
371, chemin Grand-Bernier Nord
Saint-Jean-sur-Richelieu (Québec) CANADA
T 450 346-8848 - F 450 358-5077
max-atlas.com

Engineered to Perform

D213-2-05 ANG - 03/2017