

MANAC

HOPPER BOTTOM 172413, 173526 - 173528 2018

TYPE

Semi-Trailer, Grain hopper "straight ends"
(cubic capacity of 1390 cubic feet 1117 bushels)

DIMENSIONS

Length: 40'-0"
Width: 96"
Height: 68", outside dimension from bottom rail to top rail

Sub-Structure

Coupler Plate: 3/8"
Kingpin Location: 18" from front
Coupler Height: 50"
Inside Structure: (2) hoppers, tilted towards the doors, slope of 40 degrees on sides and 33 degree on front and rear.
Doors: (2) 24" x 24" hopper doors gear operated
Both doors open to the rear

Front Wall

Panels: Corrugated 14 gauge steel plate
Construction: Welded
Front Corners: Square
Ladder: (1) "galvanized" located on outside front wall road side
(1) "galvanized" fixed platform

Side Walls

Panels: Corrugated 14 gauge steel plate
Construction: Welded
Top Rails: 4" x 4" 3/16" 50W steel tubing
Bottom Rails: 4" x 3" x 3/16" 50W steel tubing

REAR END

Panels: Corrugated 14 gauge steel plate
Construction: Welded
Ladder: (1) "Galvanized" located in center rear wall

BOWS

Tarp Support: (5) welded steel, 7" height
Steel ridge poll

TARPING SYSTEM

Tarp: Side roll tarp, manual position, 18oz vinyl
Black – tarp cover
Cover: Quick release shurco type tarp brackets. Deflector includes tarp roll support

ELECTRICAL

Front Connector: 7-Way (SAE J560), Grote brand
Electrical System: Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108
Main System: Grote Ultra Blue LED sealed beams.
Flashers: Sealed beams LED

LANDING GEAR:

Jost
Sans Shoes: 10" x 12"

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.

Crank: Road side

MECHANICAL

Suspension: Hutch H-9700 tandem straddle mount 49" spread
Springs: 3 leaves high arch model TRA 2740, 12000lbs capacity
Axle(s): 5" round 25K capacity
AXN
Spiders: Welded
Track: 71 1/2"
Brakes: 16 1/2" standard
Bearings: HM 218248 and HM 212049
Slack Adjusters: Meritor, automatic, 28 splines (5.5)
Seals: Stemco, "Guardian" type with "Gearlube" mineral oil, SAE 80W90
Brake Chambers: T.S.E. brake, "Omnibrake" (30-30)
Hubs & Drums: Meritor 10 long stud disc hubs, drums 112 lbs
Outboard mount 285.75mm B.C., single flange nuts
Tires: 11R 24.5 all position (plant choice radials) 14 ply
Exterior Wheel: 24.5 x 8.25 disc (10 holes) steel
285.75mm B.C. single flange nuts, 2 hand holes
Interior Wheel: 24.5 x 8.25 disc (10 holes) steel
285.75mm B.C. single flange nuts, 2 hand holes

AIR SYSTEM

Gladhands: Fixed
Air Valves: ABS 2 sensors 1 modulator

ACCESSORIES

Mud Flaps: One set, rubber with logo and grooves to reduce spray

FINISHING:

Paint: Shot blasted, one coat of epoxy primer and one acrylic urethane top coats. White code PPG AT 450H- XXX/05
Reflective Tapes: Conspicuity striping in compliance with CMVSS 108 Grey and red each side.
Fully covers rear sill and horizontal underride protection bar

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