

Model 472 Mantrip Vehicle

Designed for low seam heights 35" or lower.



MODEL 472 MANTRIP VEHICLE is an industry standard for section vehicles in seam heights less than 35" and incorporates the following power and performance features:

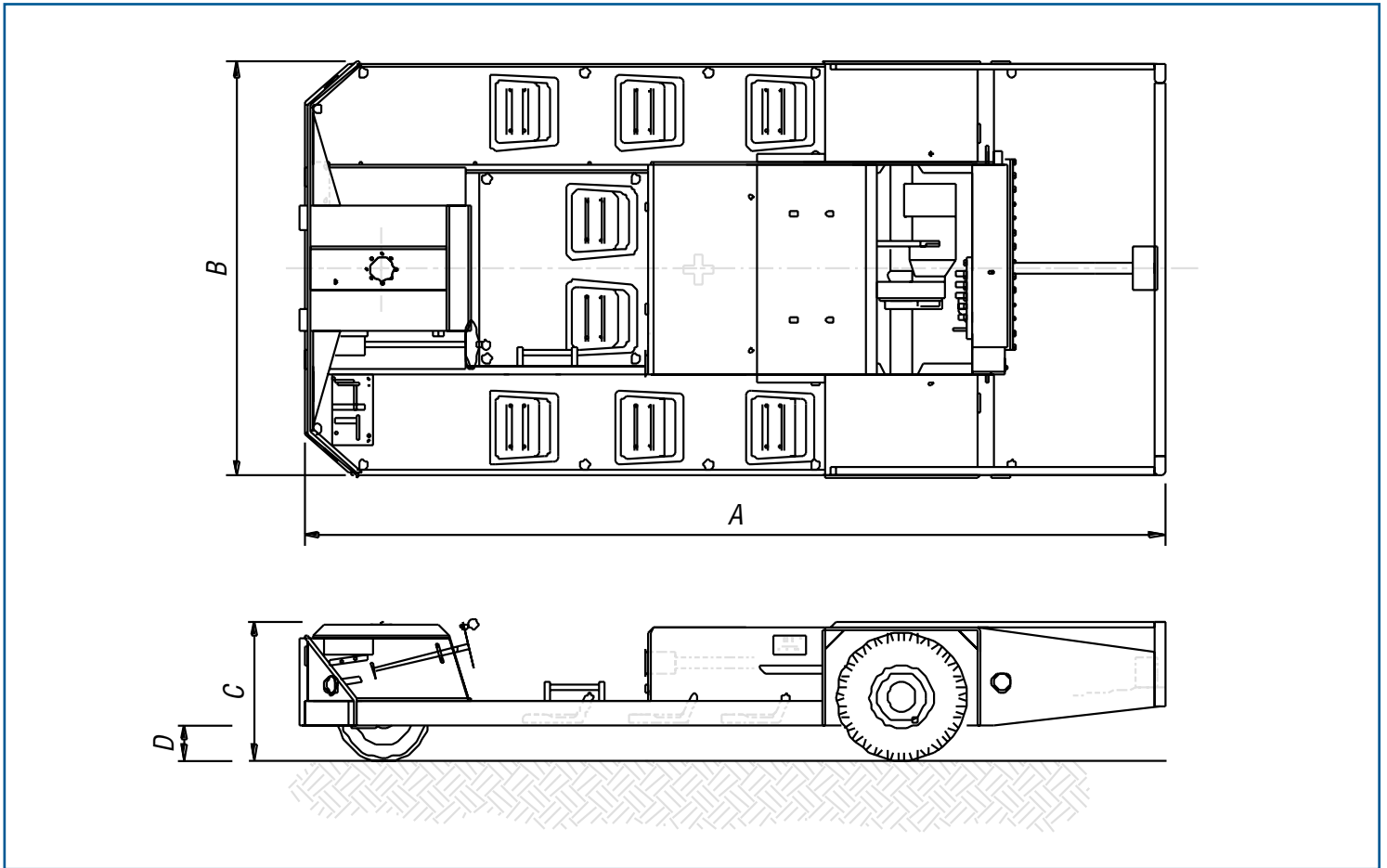
- 10 HP MSHA XP traction motor
- 72 volt battery pack
- 6½ mile/hour speed
- Spring suspension, all wheel; Flexible leaf spring, non-rigid, drive axle suspension for smooth ride
- Special one-piece drive line. Triple reduction transaxle provides single unit connection between motor and drive wheels
- Wheel mountings, 8 bolts on 8" bolt circle, stay tight under high torque traction drive loads
- Simplified motor control uses solid state EV100 control
- Large diameter heavy duty steering compensator reduces steering backlash

*MSHA Approved
Permissible Vehicles*

*JBLCo Provides
Profit Improvement/Cost Reduction*

John B. Long Co P.O. Box 50608 Knoxville, Tennessee 37950-0608 U.S.A.
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Website: <http://www.jblco.com> Email: sales@jblco.com
Engineered and Manufactured in the U.S.A.

Model 472 Inspector's Friend™ /Mantrip Vehicle Dimensions and Specifications



Mechanical:

A - Length: 15'
B - Width: 7' 2"
C - Height: 29"
D - Ground Clearance: 7.5"
Weight, CVW = 4,000 lbs.
Personnel Capacity = 12
Max. Load (rear deck) = 700 lbs.
Tire (front) = 6.00 x 9, 8-ply cleated
Tire (rear) = 26 x 12-12, 8-ply cleated
Suspension (front) = Dual coil springs & shock absorbers
Suspension (rear) = Leaf springs with optional shock absorbers
Speeds = 0-6.5 MPH
Steering = Heavy duty, automotive, recirculating ball type sector with compensator. Standard steering wheel location, side mounted (see options).

Electrical:

Motor: 10 HP, 72 VDC, Series traction type MSHA XP-TENV
Starter: 72 V, EV100, self-diagnostic
Batteries: High density, electric vehicle EV type, 72V, (12, 6V), 235 AH integrally mounted
Lights: Dual Bulb 50 W, Quartz Halogen front & rear
Charger: Mac Charger supplied with vehicle, 480/575 VAC or 240/480 VAC, single phase input, control timer

Options:

Charging Receptacle: J & R or Anderson
Seats/Laydown Pads: 1, 6, 12
Mac Charger: 480/575 volt, 120/240 volt, 480/575 volt PA
Fire Protection: Two 10 lb. Ext. or Fire Sup. & 10 lb. Ext
Transaxle: Standard or Limited Slip

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