



# AGV **L2**

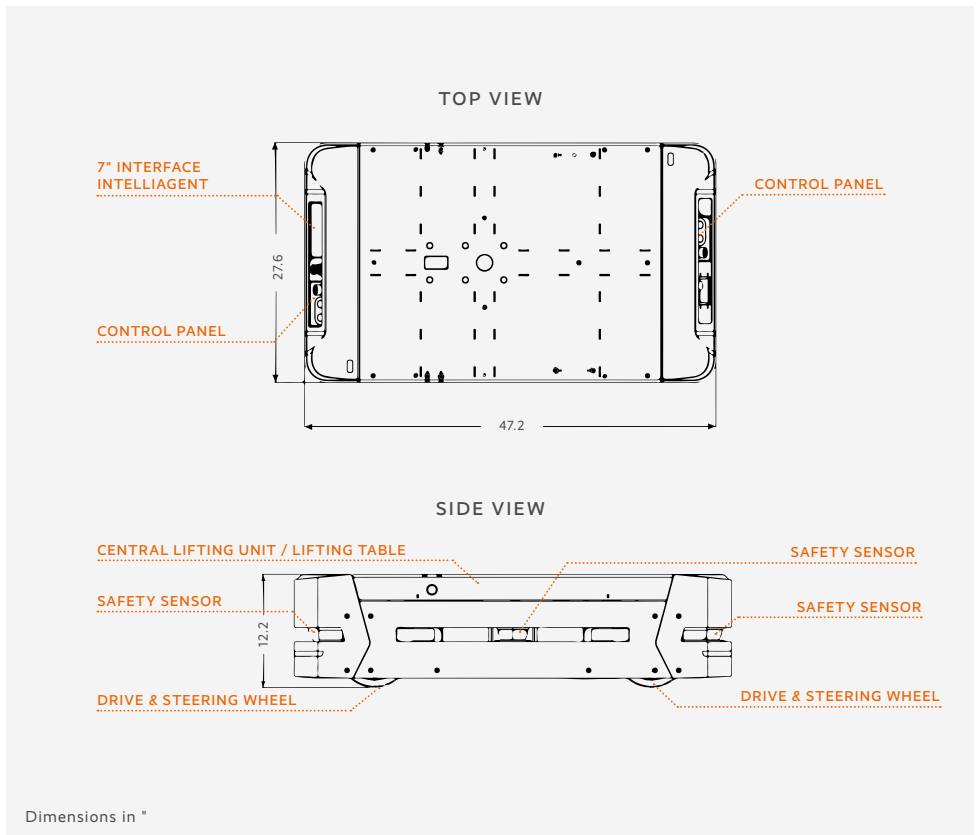
MOBILE TRANSPORT ROBOT

DATASHEET (PRELIMINARY)

**SAFELOG**

# GENERAL INFORMATION

- Omnidirectional movement
- Wear-free charging during operation due to inductive charging system
- Scalable battery capacity with LiFePO4 batteries to adapt to process requirements
- 7" touch user interface for easy interaction
- Agent-based system that enables communication between the AGVs and their environment
- Electric lifting unit for picking up and delivering loads up to 3307 lbs\*
- Driving speeds from 0.05 mph up to 3.6 mph
- Lifting height of 6.3 "
- Navigation: track guided (magnetic track or virtual track) as well as free navigation in space
- Hybrid localization: grid-sensor, contour detection, camera, RFID, odometry and magnetic track
- Safety laser scanner in each direction of travel



# TECHNICAL INFORMATION (PRELIMINARY)

## PRODUCT

Product name	SAFELOG AGV L2
Article number	107366

## ELECTRIC DATA

Operating voltage AGV (V)	24 DC
Charging time with inductive charger (for 1/2/3 batteries) (min)	30   40   60*
Nominal voltage (V)	24
Capacity (for 1/2/3 batteries) (Ah)	21   42   63

## OPERATIONAL DATA

Temperature range (°F)	+41 to +95
Positioning accuracy (")	+/- 0.2*
Min. turning radius (")	196.9
Max. speed with/without payload (mph)	2.2   3.6*
Continuous driving without payload (for 1/2/3 batteries) (h)	4   8   12*

## MECHANICAL DATA

Casing material	Steel/technopolymers
Dimensions L   W   H (")	47.2   27.6   12.2
Weight AGV (lbs)	725.3
Max. topload AGV (")	3307*
Max. tow weight AGV (trolley) (")	4409*
Max. lifting height (lifting unit) (")	6.3

\*environment-dependent

