



AGV X1

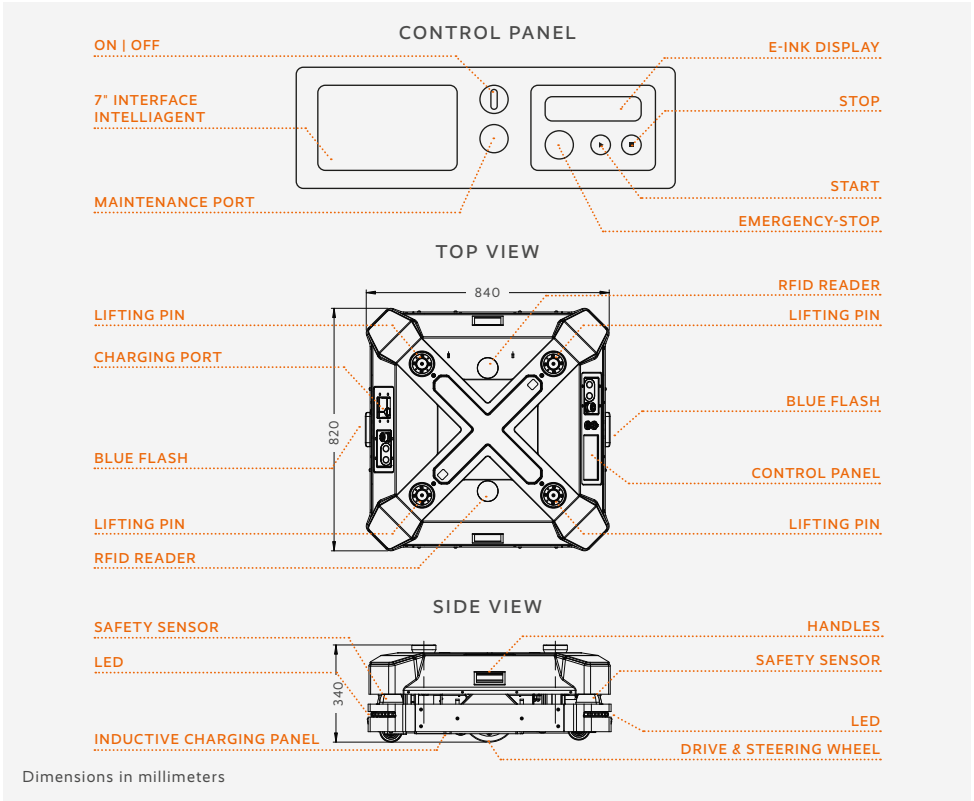
MOBILE TRANSPORT ROBOT

DATASHEET (PRELIMINARY)

SAFELOG

GENERAL INFORMATION

- Forward and reverse drive
- Differential drive enables turning on the spot
- 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 pin for lifting payloads up to 1500 kg
- Driving speeds from 0.02 m/s up to 1.6 m/s
- Hybrid navigation using magnetic track, contour detection, camera and odometry
- Laser safety sensors in each direction of travel



TECHNICAL INFORMATION (PRELIMINARY)

PRODUCT

Product name	SAFELOG AGV X1
Article number	106967

ELECTRIC DATA

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

OPERATION DATA

Temperature range (°C)	+5 to +35
Positioning accuracy (mm)	+/- 5*
Min. turning radius (m)	1
Max. speed with/without payload (m/s)	1.0 1.6*
Continuous driving without payload (for 1/2/3 batteries) (h)	4 8 12*

MECHANICAL DATA

Casing material	Steel
Dimensions L W H (mm)	840 820 340**
Weight AGV (kg)	215
Max. toplod AGV (kg)	1500*

*environment-dependent

**without optional accessories

