

# Data Sheet AGV M3

Automated Guided Vehicle



## Safelog AGV M3

- **Forward and backward** driving
- **In-Process charging** by using **sliding contacts**
- **Low-profile AGV**, just 260 mm (10.2 inch) in height, perfectly suited for driving underneath carriers (Drive Under Tractor)
- **7" Touch display** for simple operation
- **Agent based Software** communicates decentralized with other AGVs and its environment
- **Electrical pin** for automatized pick-up, transportation and drop-off of carriers
- **Driving speeds** up to **1.0 m/s (2.4 mph)**
- **Transports** up to **1.5 t (3300 lb)**
- **Laser safety sensor** in every direction

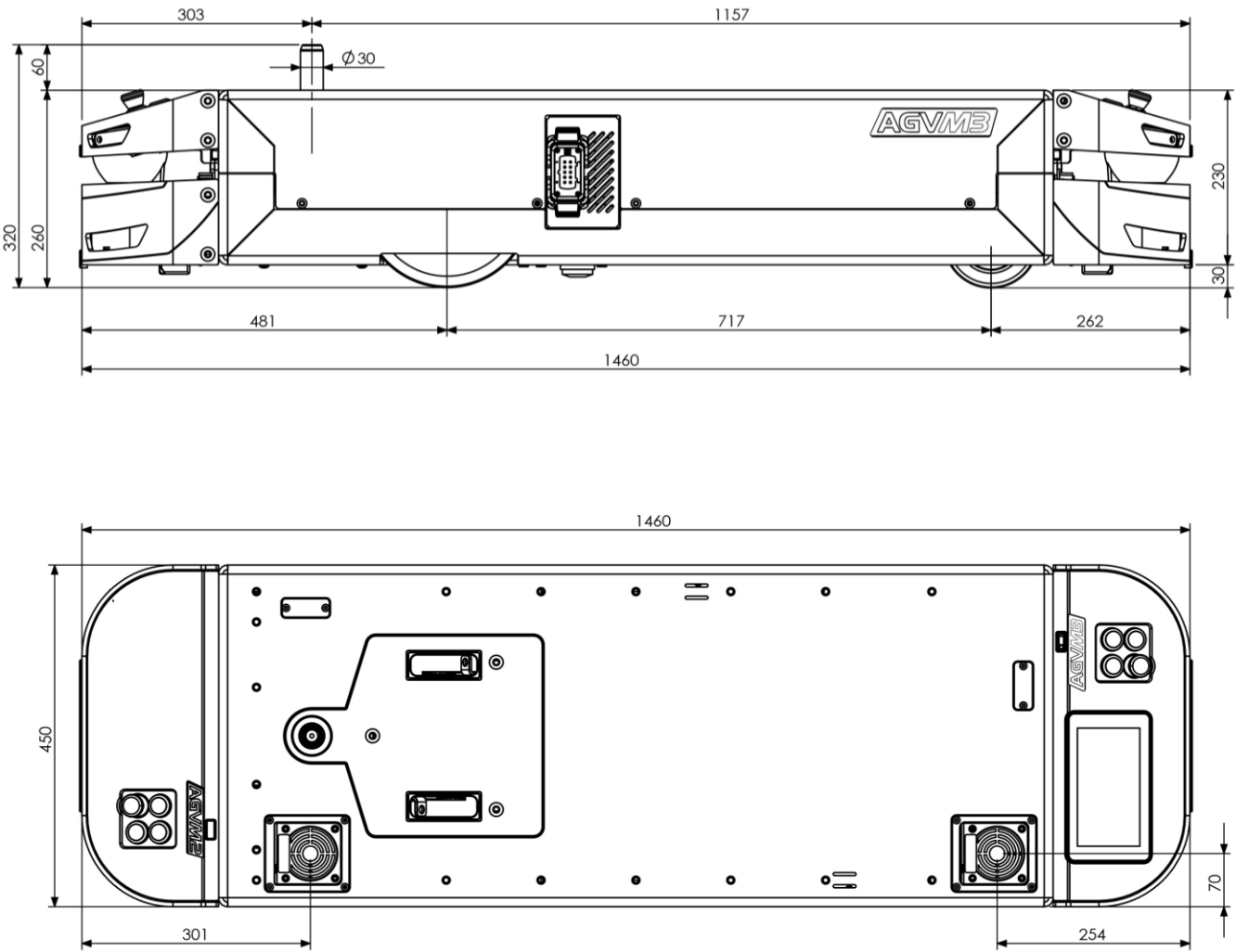
## Technical data

Description	SAFELOG AGV M3	
Article Number	104827	
Electrical data	AGV with battery	AGV with Capacitor
Operating voltage AGV [V]	24 DC	
Operating voltage charging station [V]	48 DC	
Charging time at 48V / 32A	4 h*	4,5 min*
Nominal voltage battery unit [V]	24	48
Capacity [Ah]	95 Ah	330 F
Max. current [A]	70	40
Operation		
Temperature [°C] / ([°F])	5 – 40 / (41 – 104)	
Accuracy for positioning [mm] / ([inch])	+ / - 10* / (+ / -0.4)*	
Min. turning radius [m] / ([inch])	1,0 / (39.4)	
Max. speed [m/s] / ([mph])	1,0* / (2.4)*	
Endurance driving [min] without load	800*	50*
Mechanical data		
Housing material	Powder-coated aluminum, bottom plate steel-reinforced	
Dimensions ( L / W / H) [mm] / ([inch])	1460 (57.5) / 450 (17.7) / 260 (10.2)	
Weight AGV [kg] / ([lb])	190 / (418.9)	165 / (363.8)
Additional weight (for towing) [kg] / ([lb])	68 / (150)	
Max. load capacity AGV (Topload) [kg] / ([lb])	200* / (440.9)*	
Max. pulling capacity (carrier) [kg] / ([lb])	1500* / (3306.9)*	

The imperial units are only for orientation. If there is any deviation in the specification, the metric system is valid.

\* This value depends on the application environment.

Dimensions



Dimensions displayed in millimeters

## SAFELOG GmbH

Henleinstr. 4  
85570 Markt Schwaben

Telefon: +49 (89) 215 4261-0

Fax: +49 (89) 215 4261-19

[www.safelog.de](http://www.safelog.de)

[info@safelog.de](mailto:info@safelog.de)

