



Industry 4.0
solutions by WAMECH

AGV TYP M

Automated Guided Vehicle



AGV TYP M

- 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 2 t (4400 lb)
- Laser safety sensor in every direction

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Technical data

Electronical Data	AGV with battery	AGV with Capacitor
Operating voltage AGV [V]	24 DC	
Operating voltage base station [V]	48 DC	
Charging time at 48V / 32A	4 h*	4,5 min*
Nominal voltage electrical unit [V]	24	48
Capacity [Ah]	95 Ah	330 F
Maximum current [A]	70	40

Operation

Temperature [C] / ([F])	5 - 30 / (41 86)	
Accuracy of positioning [mm] / ([inch])	+ /- 10* / (+ / 0.4)*	
Min. turning radius [m] / ([inch])	1,0* / (39.4)	
Maximum speed [m/s] / ([mph])	1,0* / (2.4)*	
Endurance driving [min] without load	800*	50*

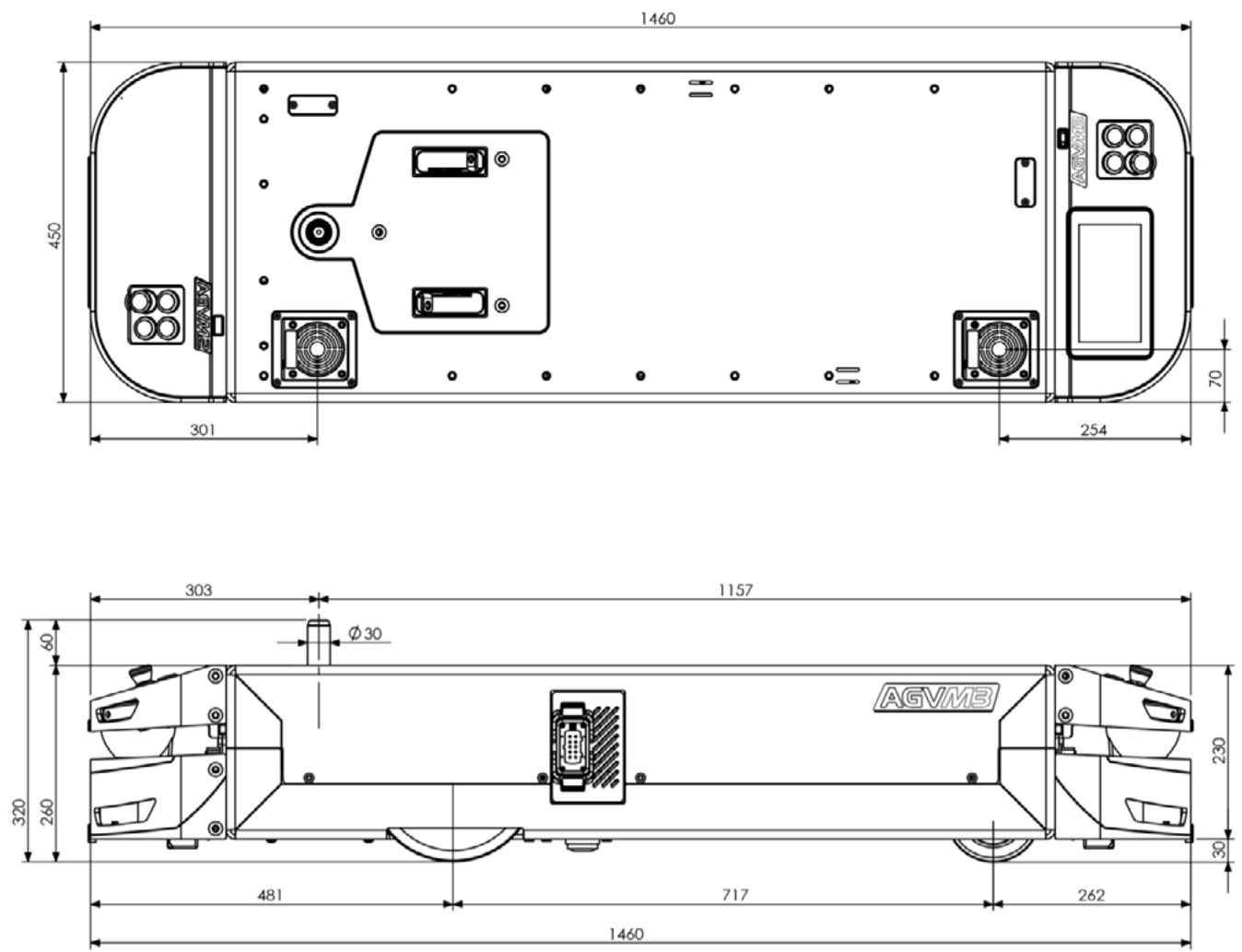
Mechanical data

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. ulling capacity (carrier) [kg] / ([lb])	2000* / (4409.2)*	

* 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





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