

ATS AGV

# CAREY

**DS**  
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**AUTOMOTION**



**Proven solutions with customers since decades.**

More than 20 years' experience in medical facilities and hospitals, our hospital vehicle is continuously improved and developed further.

CAREY is our proven AGV, specifically designed for medical facilities, designed and built with high standards of hygiene. It is an energy-efficient, low-maintenance AGV with focus on longevity in operation cycle.

CAREY is rated IP 54 and is compatible with all DS AUTOMOTION solutions.

**Technical Details**

Overview:

<b>Max. Payload</b>	500 kg (1100 lbs)
<b>Max. Speed</b>	1,6 m/s (5,25 f/s)
<b>Lift travel</b>	80 mm (3,15 in)
<b>Navigation</b>	Magnets, SLAM
<b>Power supply</b>	Automatic opportunity charging
<b>Battery</b>	Lithium battery (LiFePo4, 24V / 100Ah) or Lead Gel
<b>Low maintenance cost due to</b>	brushless drives

People Safety:

- Protected integrated laser scanner with 360° surround view
- Bumpers



**CAREY – Efficient, flexible and safe!**

- **2 variants:**
  - CAREY trike (3-wheels)
  - CAREY spin (differential drive)
- Long life span, due to high quality standards of component choices and robust vehicle design and construction
- Stainless steel cladding meets high hygienic requirements
- Accommodate large fleet of vehicles in the system
- Compact vehicle: minimal envelope
- Safe Zone: two laser safety scanners per vehicle
- RFID reader for identifying containers
- Compact and robust design
- **End 2 End Integrated System Provider**  
**Everything from a single supplier:**
  - Administration of the interface
  - AGV Control System
  - AGV Layout