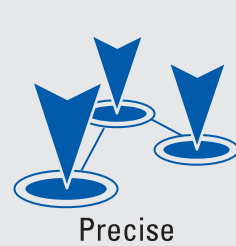


AUTOMATED GUIDED VEHICLE FOR SEAPORT





Precise



Enhanced
Safety



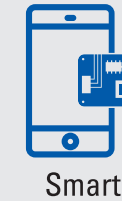
Efficient



Reduced
Carbon Footprint



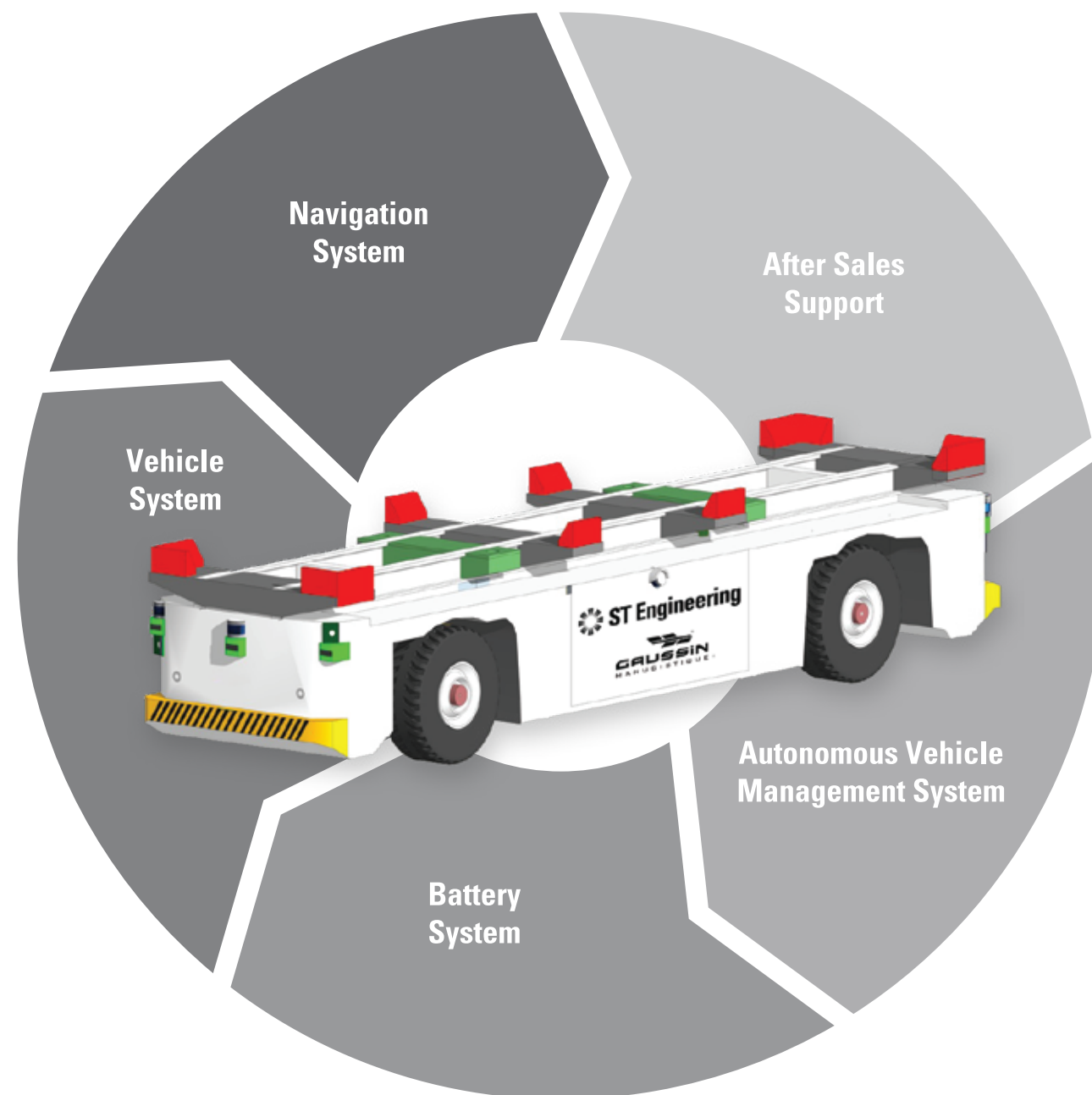
Customisable



Smart



Improved
Productivity



End-to-End Solution

Customised Seaport Automation

Smart, precise and customisable, our Automated Guided Vehicle (AGV) can be designed according to your needs.

Features

- Accurate and reliable positioning
- LIDAR system for obstacle detection and avoidance
- Accurate and safe onboard navigation system
- Easy integration into seaport operations
- Removable battery system
- Bi-directional
- Crabbing movement
- Ultra-fast and automatic charging

Benefits

- Better utilisation of port space
- Improved productivity
- Easy planning and scheduling of maintenance
- Efficient deployment of resources
- Minimise human error

TECHNICAL SPECIFICATIONS

| | | |
|-----------------------------|----------------------------|-------------------------|
| General Specifications | Applications | ISO container types |
| | Energy | Fully electric |
| | Rated Payload | Up to 65 tonnes |
| | Weight with Battery System | 29 tonnes |
| Operational Characteristics | Max Speed (Straight) | 7 m/s |
| | Max Speed (Curve) | 2.5 m/s |
| | Max Speed (Crab) | 2 m/s |
| | Acceleration | 0.33 m/s ² |
| | Steering | 4 steerable wheels |
| | Inner Turn Radius | < 7.5 m |
| Power System | Operating Cycle | 5 hours |
| | Time to Charge | 10 minutes |
| | Power Unit Type | Battery powered |
| | Battery Capacity | 156 kWh to 226kWh |
| | Peak Power Output | 320 kW for 30s/instance |



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