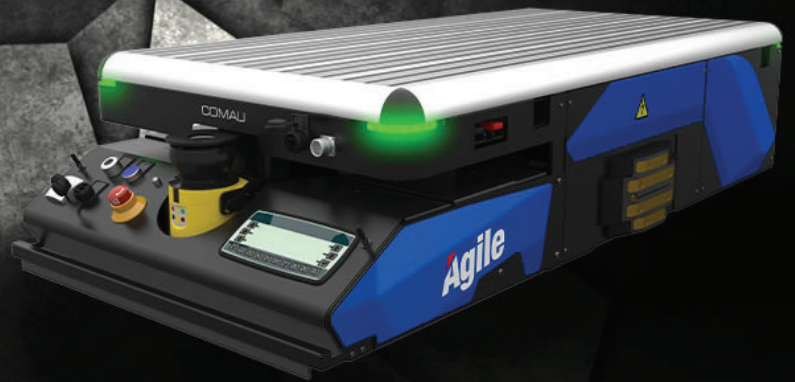


COMAU AGV AGILE 1500



Complete AGV fleet system

Complete system of 10 shuttles for the handling of semi-finished products between the different production areas and assembly phases.

In partnership with **Comau** and **Kollmorgen**, we are installing a **fleet of 10 AGVs Agile 1500** for a well-known British luxury car manufacturer.

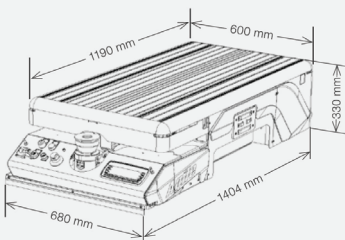
Agile1500 AGV represents the evolution of the market needs for **fully automated logistics**, and it is an important enabling factor within the Industry 4.0 paradigm.

With its **maximum payload of 1.5 tons**, it can be used within different production needs, different factory layouts and multi-purpose application possibilities. It is highly configurable and can be equipped with various accessories (optionals) for each specific function.

Agile1500 AGV uses **Natural Navigation technology**: through a **laser measurement system** it is able to recognize natural landmarks such as walls and other surfaces. No installation is required in the system and this makes the Agile 1500 AGV a highly flexible and reconfigurable choice for its use in different environments.

Technical Features

- High performance vehicle
- Best load-size ratio in its category
- Modular design
- Possibility to implement multi-use applications
- Possibility of multiple navigation systems



Advantages

- Complete reconfigurability of these AGVs guarantees the return on investment and reduces the total cost of ownership
- Full compatibility with other Kollmorgen-based AGV systems
- Intuitive programming interface
- Total connectivity and predisposition for Factory 4.0 diagnostics
- Human-robot collaboration (in safety)
- Improved safety and ergonomics compared to traditional solutions
- Simplified maintenance

SIZE AND WEIGHT

External dimensions (LxWxH) [mm]	1404 x 680 x 330
Weight [Kg]	350

SPEED AND PERFORMANCE

Maximum payload [Kg]	1500
Maximum speed [m/s]	1.7 (in natural navigation)
Positioning repeatability [mm]	+/-10
Maximum towing force [N]	2400*
Maximum grade [%]	1
Operating environment	Indoor

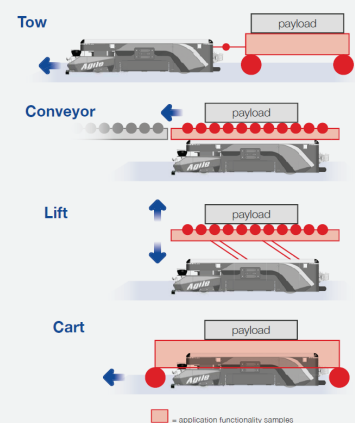
BATTERY AND POWER SYSTEM

Battery type	Maintenance-free Lead
Battery characteristics [V] - [Ah]	24 - 205

IMPLEMENTS INTERFACING AND COMMUNICATION

Power supply	24 Vdc Power, 24 Vdc Auxiliary
Communication	CANopen fieldbus

(*) friction 0.5 / 350 kg on vehicle plate



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