



TAIPRORA
Software & Automation Engineering

Innovate your production with Taiprora's AGVs

Taiprora is an Italian company that has been developing software and automation systems since 1993.

The new LGV's Taiprora is the result of over 15 years of experience with AGVs throughout Europe. It is a made in Italy product, completely customizable.

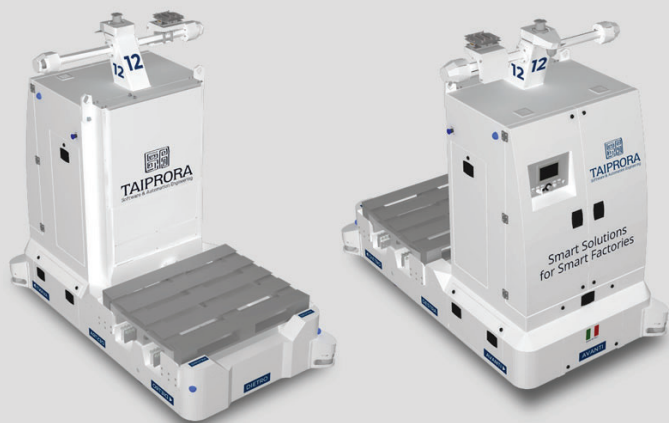
Customers are absolutely satisfied and recognize the high manageability, ease of installation and use, quietness and robustness.

Logistics Solutions with Automatic and Laser Guided Vehicles

Some Features

- Design and implementation ad hoc for the customer's needs;
- High performance vehicles;
- Integration with MES and company ERP;
- Interconnection with other existing systems (eg. Automatic warehouse, palletizer, etc.);
- Complete integration with the existing logistic flow;
- Compliant with safety standards;
- Compliant with CFR 21 part 11 (pharmaceutical sector).





TECHNICAL DATA

Dimensions max (mm)	H 2400 L 2500 W 1400
Speed max	1,7 m/s (forward and backward)
Positioning accuracy	5 mm +/-
Load type	Bilateral with variable height
Power: Battery type	Lithium ion
Communication	WiFi
Tools	Barcode/RFID identification system
Software	Fleet management software

Weight	2300 Kg
Payload max	1500 kg
Loading tools	Telescopic forks
Lifter (mm)	min 0-800 max 0-3000
Power: Charging Time	10%-98%: 30 min - 10%-20%: 5 min
Navigation System	Laser and Natural Vision
HMI	Colour touch screen operator panel
Safety	Perimeter safety laser scanners Safety laser scanner to protect the load

COMPLIANCE

EMC	EN61000-6-2, EN61000-6-4
FDA	CFR 21 Part 11

Safety standards for industrial vehicles	CE, 2006/42/EU 2014/30/EU, EN1525, ANSI B56.5, ISO3691-4, ISO13849-1, ISO13849-2
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Main References



Main Fields of Application



Pharmaceutical



Automotive



Textile



Food & Beverages



Packaging

We offer a complete range of services in material handling (transport, storage and control) of boxes, pallets and semi-finished products.

We design, build and manage hardware and software systems for complex handling and end-of-line flows with conveyors, palletisers, AGV - LGV - AIV - AMR shuttles, semi-automatic and automatic warehouses.

Our SCADA and MES track batches and provide real-time information useful to Decision Makers: we constantly monitor production targets to generate efficiency!