

CASE REPORT

LOW-COST AGV Automated Guided Vehicle

This project is implemented through the CENTRAL EUROPE Programme co-financed by the ERDF.



LOW-COST AGV AUTOMATED GUIDED VEHICLE

Summary

We developed a low-cost mobile robotic system, which is followed by a magnetic stripe stuck on the floor. Our product is designed for applications in industrial area for distributing material in manufacturing plants around a manufacturing facility.

Technology

Basic parameters:

- Speed: 0-1m/s
- Load variants: 350Kg, 500Kg, 1300Kg, 2000Kg
- Orders: remote system, RFID tags on the floor
- Nr. of variant lines: 4
- Automatic charging
- Personal remote system
- Computer remote system
- WIFI control system.

Development stage

This product is ready for a market. We are starting a serial production for the EU market at the end of April 2010.

Market/Opportunity

Markets for our AGV vehicles are both domestic and foreign market of producers, mainly assembly producers with need of moving the material/components from supermarket to right place of assembly at production line.

The main advantage of this solution is low cost, high speed feature with comparison to competitors, automatic charging, personal and computer remote system, WIFI control system, intelligent system of solving crossroads in a unique kind of way.

Potential customers/users of this product can be any producer using internal logistic for moving material/components from supermarket to place of final assembling for any time of companies from small up to big companies of any kind of industry. The product is more intelligence, has more possibility of applications than possible competitors.

IP

The intellectual property of this product is protected.

Contact Details

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