NAME
Autonomous transport of loads for internal logistics using a low-cost mobile robot

CHALLENGE
Automation of logistics processes / Reduction of logistics operation costs / Ergonomics and safety

SOLUTION
Low-cost autonomous mobile robot using a localization system based on natural contours of the environment and/or beacons detection to carry out internal logistics tasks. The transfer of the load is carried out using a roller conveyor.

APPLICATION
Internal logistics tasks in an industrial environment with possible automatic warehouse integration.

TECHNOLOGIES
Advanced Automation Control & Industrial Robotics
Mobile Robotics & Internal Logistics

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