

Industrial robots

MOBOT® AGV EcoRunner robot

MOBOT AGV EcoRunner (Automated Guided Vehicle) is a mobile robot for transport of goods, in which movement is executed on an appointed path. It allows execution of an autonomic movement to selected point along path made on a magnetic tape. Robot recognizes selected stations on base RFID marks located next to the robot movement path, in front of proper station.

Safety

Safety is guaranteed by using of two safety switches (one in front, second in back of the robot). Pushing of some safety switch cause turning off of drives and immediate stop of the device.

Collision avoidance

Robot is equipped with laser range finder with safety function (conform with SIL2). With the help of his, it is possible to scan the space in front of the robot to react in to objects on robot movement path to avoid collision. Scanned space is divided into several areas. Detection of an odstacle can slow down or stop the robot, depends on area of detection of an obstacle.

Advantages

- Operating time up to 12 h
- Weight of towed carriage up to 350 kg
- Wi-Fi communication
- Option of control the robot with tablet or smartphone

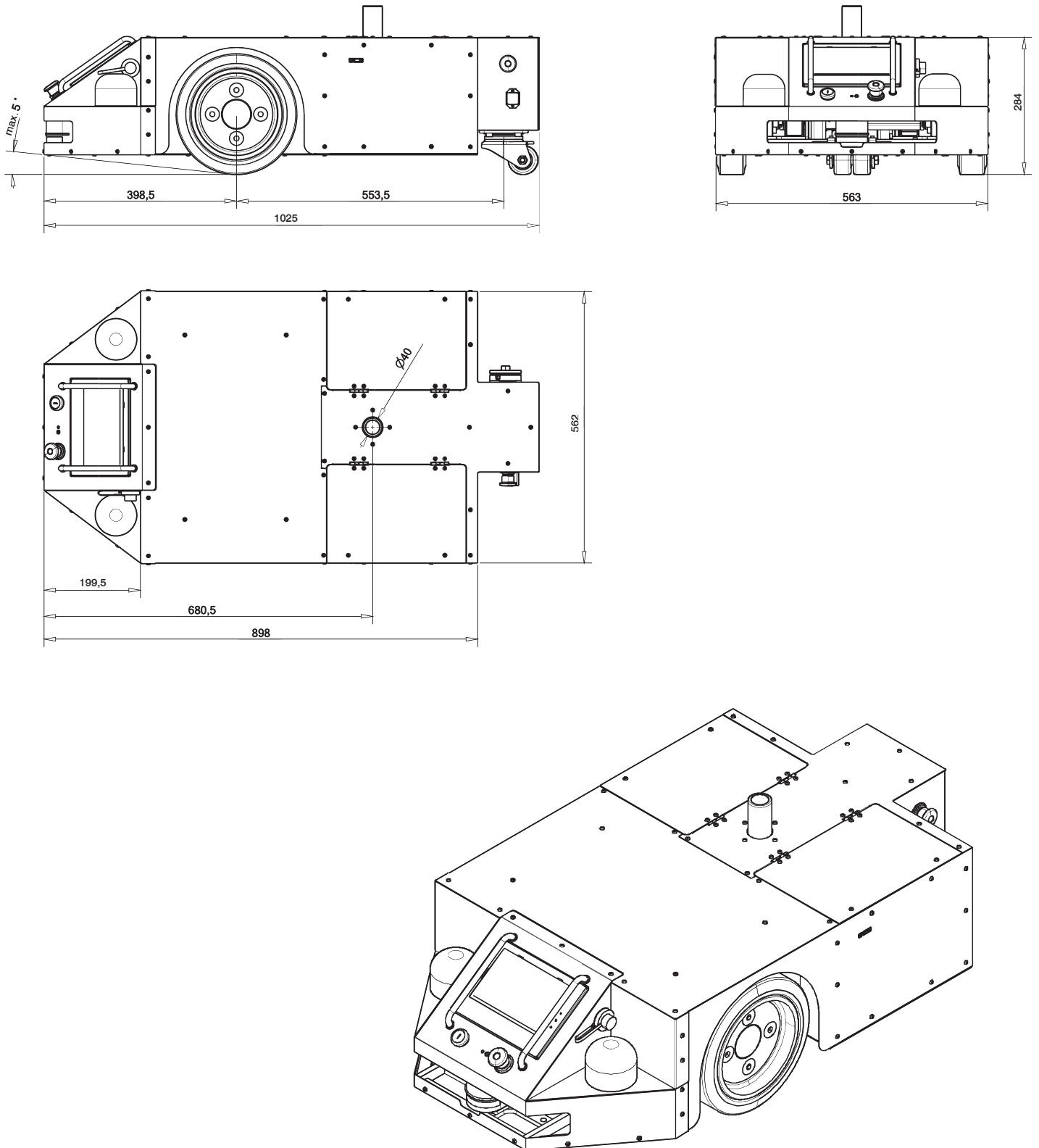
Applications

- Automatic transport of goods
- Automation of production lines
- Option of operation with palletising robots



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Dimensional drawing of MOBOT® AGV EcoRunner robot



All dimensions are approximate values and can change.