

LAMSON ROBO



Powered by - ADEPT

AUTOMATED TRANSPORT

- Pathology
- Pharmacy
- Loading Dock
- Aged Care Facility
- Hospital
- Warehouse
- Library

THE LAMSON ROBO FOR ANY APPLICATION

The Lamson robot offers an efficient way of transporting goods. It dramatically reduces manual transport tasks, shortens turnaround time, enables “lean” workflow processes and increases operational efficiency by redeploying personnel to higher value-add tasks.

Lamson Robo Capabilities

The Lamson Robo is an Autonomous Mobile Robot (AMR) available for custom applications and payloads. The robot includes proprietary self-navigation software ideal for use in crowded environments, tight hallways, and applications where a compact automated vehicle is advantageous.

It can safely transport lab specimens, drugs, meals, drinks, linen, waste, books and other small/medium size goods.

The Lamson Robo is available in four configurations:

- ▶ Lamson RoboCourier
- ▶ Lamson RoboConveyor
- ▶ Lamson RoboCart
- ▶ Lamson RoboCasino

The on-board intelligence of the vehicle eliminates the need for additional infrastructure such as tracks, reflectors or magnets. Users can either use a simple push-button panel to dispatch the robot or a wireless button to call it to its next destination. It can also be configured to receive commands from an enterprise workflow system and operate as part of a fleet of Lamson Robo vehicles.

Advantages

- ▶ Increase efficiency of your workflow
- ▶ Easy setup (e.g. point-to-point within one hour)
- ▶ Client focused design of user interface
- ▶ Fully automated recharging of battery
- ▶ Long life battery lead to extended operation hours



The versatile design of Lamson Robo

SPECIFICATIONS

Payload:

60kg – 130kg

Speed:

1.35m/s – 1.8m/s

Battery:

60Ah, 22-29VDC, LifePO4

Run Time:

13hr continuous

Recharge Time:

3.5hr

Battery life:

7 years (16hr/day, 5days/wk)

Turning Radius:

0mm

Size:

500mm (W) x 620mm (L)

Options and Peripherals

- ▶ Fleet manager to run multiple robots in same layout
- ▶ Wi-Fi call buttons
- ▶ Door interface insightful
- ▶ Lift interface
- ▶ IOS mobile App for calling/sending robot
- ▶ Swapping battery pack between shifts enables continuous operation

Benefits in the key areas

Automation—The Lamson robot dramatically reduces manual transport tasks, shortens turnaround time, enables “lean” workflow processes and increases operational efficiency by redeploying personnel to higher value-add tasks.

Reliable—Safe operation in shared corridors with public enables retrofit to existing facility.

Timely—Urgent delivery of time-sensitive goods.

Simple—The high tech Lamson robot offers user friendly interface. No specific skills needed for operation.

Lamson Robo enables safe, reliable and efficient transport of goods allowing the customer to focus on skilled tasks

For more information or book a demonstration contact :

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