The RoboCourier AMR is designed to reduce waste and increase process efficiencies, and throughput, making it a great tool for hospitals interested in adopting a lean workflow solution. Eliminating Healthcare Wastes Through Automation:

- Waiting times
- Inefficient transportation
- Excess or unnecessary motion, and
- Overburdened staff

The RoboCourier Autonomous Mobile Robot eliminates many lean wastes commonly associated with healthcare, providing the means to optimize workflow, including:

**Work Standardization** - Creates a standard of work and provides reliability for specimen delivery.
- Queue (wait) time - Programmed, on-demand transport
  - Minimizes wait times.

**Transportation** - Automated transport reduces walking and frees personnel for more critical tasks.
- Unnecessary motion - Autonomous transport minimizes handling and distractions.
- Overburdened staff - Allows personnel to focus attention on patient-related tasks, while reducing the risk for error.

Swisslog Healthcare Solutions offers healthcare providers custom solutions for automated material transport. Contact us for more information on RoboCourier AMRs or to find out more about how automation reduces labor costs and improves workflow efficiency.

Visit our website to see the full suite of automated material transport solutions:

- Swisslog Healthcare Solutions
- swisslog.com/robocourier
- swisslog.com/transcar
- swisslog.com/translogic

Forward-thinking hospitals are demonstrating the impact of lean principles on cost and waste reduction, creating efficient and responsive systems for healthcare delivery.

**RoboCourier Specifications**

- **Dimensions:**
  - L: 27.4 in (69.6 cm)
  - W: 22 in (55.9 cm)
  - H: 4 ft 4 in (132.1 cm)

- **Weight of unit:**
  - 210 lbs (95 kg)

- **Payload:**
  - Up to 66 lbs (30 kg)

- **Dock:**
  - L: 15 in (38 cm)
  - W: 13.8 in (35.1 cm)

- **Shelving:**
  - L: 17.25 in (43.8 cm)
  - W: 16 in (40.6 cm)
  - H: 2 in (5.1 cm)

  Each sliding shelf (3) can hold up to 22 lbs (10 kg)

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The RoboCourier® Autonomous Mobile Robot (AMR) eliminates the need for manual transport of laboratory specimens, medications, supplies and other materials, allowing healthcare technicians to focus on patient-related tasks.

A bed-of-nailed automated transport solution, the RoboCourier AMR provides secure, hospital-wide automated transport of payloads up to 60 pounds. A simple, lean solution, RoboCourier enhances workflow process and efficiency, improving turnaround times and increasing throughput.

**Efficient**
Improves turnaround time and increases operational efficiency.

**Adaptable**
Navigates narrow hallways and tight quarters.

**User-Friendly**
Easy to install, use and program; requires no facility modification.

**Safe**
Multiple laser and radar sensors provide obstacle detection and avoidance to operate safely in all indoor environments.

**Advantages**
- Smallest footprint for automated transport
- Reduces lead times by 50 – 90%
- Supports lean process management without facility modification
- From the leading provider of healthcare automation for material transport
- Backed by the largest team of experienced service professionals in the industry

**Intra-Departmental Applications**
Safely and efficiently transport specimens and supplies on the same floor within a facility, including:
- Hospital laboratories
- Independent laboratories, reference labs and off-site central labs
- Nurses stations

**Inter-Departmental Applications**
Easily move materials—from controlled substances to patient food—from one floor to another throughout a facility, including:
- Central sterilization
- Inpatient, outpatient and out-patient pharmacies
- Materials management
- Food service
- Remote collection sites for laboratories

References: 1 Going Lean in Healthcare. Institute for Healthcare Improvement. 2005

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**RoboCourier AMR Features and Benefits**

**Drive-around mapping with loop adjustments**
Enables fast and easy route updates and additions.

**Door signal**
Sends signals to open doors.

**Pro-programmable destination buttons**
Implements staff productivity by removing non-value added tasks such as walking and waiting.

**Battery powered, chargers from standard wall outlet**
Automatically returns to wall charger when idle or battery is low.

**Looking mechanism on container**
Supports chain of custody by securely transporting medications, supplies and other materials. Robot is also available in open model—without RFID-controlled access.

**24/7 usability**
Provides around the clock transport capabilities.

**Ease of installation, use and service**
Simple, small footprint. Easy to reconfigure or reprogram.

**Special features**
Door signal
Pro-programmable destination buttons
Battery powered, chargers from standard wall outlet
Looking mechanism on container
24/7 usability
Ease of installation, use and service

**Door signal**
Sends signals to open doors.

**Pro-programmable destination buttons**
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**Battery powered, chargers from standard wall outlet**
Automatically returns to wall charger when idle or battery is low.

**Looking mechanism on container**
Supports chain of custody by securely transporting medications, supplies and other materials. Robot is also available in open model—without RFID-controlled access.

**24/7 usability**
Provides around the clock transport capabilities.

**Ease of installation, use and service**
Simple, small footprint. Easy to reconfigure or reprogram.

**Doors signal**
Sends signals to open doors.

**Pro-programmable destination buttons**
Implements staff productivity by removing non-value added tasks such as walking and waiting.

**Battery powered, chargers from standard wall outlet**
Automatically returns to wall charger when idle or battery is low.

**Looking mechanism on container**
Supports chain of custody by securely transporting medications, supplies and other materials. Robot is also available in open model—without RFID-controlled access.

**24/7 usability**
Provides around the clock transport capabilities.

**Ease of installation, use and service**
Simple, small footprint. Easy to reconfigure or reprogram.

**Laser guidance system**
Assures precise navigation, obstacle avoidance and human safety.

**Elevator interface**
Commands elevators for autonomous access to different floors.

**Door signal**
Sends signals to open doors.

**Pro-programmable destination buttons**
Implements staff productivity by removing non-value added tasks such as walking and waiting.

**Battery powered, chargers from standard wall outlet**
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The RoboCourier AMR is designed to reduce waste and increase process efficiencies, and throughput, making it a great tool for hospitals interested in adopting a lean workflow solution.

Eliminating Healthcare Wastes Through Automation:

- Waiting times
- Inefficient transportation
- Excess or unnecessary motion, and
- Overburdened staff

The RoboCourier Autonomous Mobile Robot eliminates many lean wastes commonly associated with healthcare, providing the means to optimize workflow, including:

Work Standardization - Creates a standard of work and provides reliability for specimen delivery
Queue (wait) time - Programmed, on-demand transport within stated times
Transportation - Automated transport reduces walking and frees personnel for more critical tasks
Unnecessary motion - Autonomous transport minimizes handling and distractions
Overburdened staff - Allows personnel to focus attention on patient-related tasks, while reducing the risk for error.

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RoboCourier Specifications

- **Dimensions:** L: 27.4 in (69.6 cm), W: 22 in (55.9 cm), H: 4 ft 4 in (132.1 cm)
- **Weight of unit:** 210 lbs (95 kg)
- **Payload:** Up to 66 lbs (30 kg)
- **Dock:** L: 15 in (38 cm), W: 13.8 in (35.1 cm)
- **Shelving:** L: 17.25 in (43.8 cm), W: 16 in (40.6 cm), H: 2 in (5.1 cm)
  Each sliding shelf (3) can hold up to 22 lbs (10 kg)

Swisslog Healthcare Solutions is a leading provider of systems and services for hospitals, healthcare providers, and other industries. Our solutions help reduce waste, improve processes, and increase efficiency. For more information, visit us online at swisslog.com/robocourier.

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The RoboCourier® Autonomous Mobile Robot (AMR) eliminates the need for manual transport of laboratory specimens, medications, supplies and other materials, allowing healthcare technicians to focus on patient-related tasks.

A top-of-the-line automated transport solution, the RoboCourier AMR provides secure, hospital-wide automated transport of payloads up to 60 pounds. A simple, seamless solution, RoboCourier enhances workflow process and efficiency, improving turnaround times and increasing throughput.

**Efficient**
Improves turnaround time and increases operational efficiency.

**Adaptable**
Navigates narrow hallways and tight quarters.

**User-Friendly**
Easy to install, use and program; requires no facility modification.

**Safe**
Multiple laser and sonar sensors provide obstacle detection and avoidance to operate safely in all indoor environments.

**Advantages**
- Smallest footprint for automated transport
- Reduces lead times by 50 – 90%1
- Supports lean process management without facility modification
- From the leading provider of healthcare automation for material transport
- Backed by the largest team of experienced service professionals in the industry

**Drive-around mapping with stop-programming**
Enables fast and easy route updates and additions.

**Safety**
Pre-programmable destination buttons
Automatically return to wall charger when idle or battery is low.

**Locking mechanism on container**
Supports chain of custody by securely transporting medications, supplies and other materials. Robot is also available in open model—without RFID-controlled access.

**Battery powered, charges from standard wall outlet**
Automatically returns to wall charger when idle or battery is low.

**Large compartments and adjustable shelves**
Accommodates a variety of transport needs, hospital-wide.

**Laser guidance system**
Assures precise navigation, obstacle avoidance and human safety.

**Pre-programmable destination buttons**
Increase staff productivity by removing non-value added tasks such as walking and waiting.

**Door signal**
Signals motorized doors to open for passage.

**Elevator interface**
Commands elevators for autonomous access to different floors.

**Wireless call button/arrival indicator**
Users summon robot for loading and are alerted (audible/visual) upon robot arrival.

**Intra-Departmental Applications**
Safely and efficiently transport specimens and supplies on the same floor with a facility, including:
- Hospital laboratories
- Independent laboratories, reference labs and off-site central labs
- Nurses stations

**Inter-Departmental Applications**
Easily move materials—from controlled substances to patient food—from one floor to another throughout a facility, including:
- Central sterilization
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**References:**
1 Going Lean in Healthcare - Institute for Healthcare Improvement. 2005

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*Multiple robot applications require a wireless internet connection.
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A best-of-breed automated transport solution, the RoboCourier AMR provides secure, hospital-wide automated transport of payloads up to 80 pounds. A simple, lean solution, RoboCourier enhances workflow process and efficiency, improving turnaround times and increasing throughput.

Efficient
Improves turnaround time and increases operational efficiency.

Adaptable
Navigates narrow hallways and tight quarters.

User-Friendly
Easy to install, use and program; requires no facility modification. Monitor and call robot from personal computer using wi-fi connection.

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Multiple laser and sonar sensors provide obstacle detection and avoidance to operate safely in all indoor environments.

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RoboCourier AMR Features and Benefits*

Drive-around mapping with lap-map adjustments
Enables fast and easy route updates and additions.

Door signal
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Pre-programmable destination buttons
Improves staff productivity by removing non-value added tasks such as walking and waiting.

Battery powered, charges from standard wall outlet
Automatically returns to wall charger when idle or battery is low.

Laser guidance system
Assures precise navigation, obstacle avoidance and human safety.

Large compartments and adjustable shelves
Accommodates a variety of transport needs, hospital-wide.

Roomba®

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Laser guidance system
Assures precise navigation, obstacle avoidance and human safety.

Ease of installation, use and service
Simple, small footprint. Easy to reconfigure or reprogram.

Turtle® 360° in place and navigation narrow hallways
Operates safety even in tight and crowded spaces; accommodates traffic in shared spaces.

Door signal
Signals motorized doors to open for passage.

Pre-programmable destination buttons
Improves staff productivity by removing non-value added tasks such as walking and waiting.

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USA: 800.764.0300  Canada: 877.294.2831 | 905.629.2400
swisslog.com/robocourier

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Each sliding shelf (3) can hold up to 22 lbs (10 kg)

Swisslog Healthcare Solutions is a member of the swisslog Group, a global logistics and automation company with operations in over 100 countries worldwide. swisslog.com

Healthcare Solutions: RoboCourier® Autonomous Mobile Robot

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