



# The Mobile Robot Company

Knowledge Center — First-Time Setup · 2026-08-04

<https://info.mobilerobot.com/documentation/getting-started/first-time-setup>

# First-Time Setup

Setting up a J1600 is a no-code process an operator performs directly on the machine. Typical setup takes hours or one day, [depending on scope](https://info.mobilerobot.com/applications/planning/deployment-scope-examples/) (<https://info.mobilerobot.com/applications/planning/deployment-scope-examples/>). This page covers the self-setup path and the optional commissioning service.

## What setup does not require

- No building modifications: no tracks, wires, reflectors, or markers.
- No mandatory Wi-Fi. [Connectivity is optional for basic use](https://info.mobilerobot.com/documentation/installation/network-and-wi-fi-requirements/) (<https://info.mobilerobot.com/documentation/installation/network-and-wi-fi-requirements/>).
- [No warehouse-management system \(WMS\), fleet manager, or IT integration](https://info.mobilerobot.com/applications/results/lower-integration-complexity/) (<https://info.mobilerobot.com/applications/results/lower-integration-complexity/>).
- No programming. [Task creation](https://info.mobilerobot.com/documentation/user-guides/task-management/) (<https://info.mobilerobot.com/documentation/user-guides/task-management/>) is [teach-and-repeat](https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/) (<https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/>) on the touchscreen.

## Self-setup steps

1. **Power on** the J1600 with the key switch and follow the on-screen tutorial. The tutorial is also available online.
2. **Drive the facility manually** with the tiller. The robot continuously learns and updates its 3D understanding of the environment while you drive. See [Creating the First Map](https://info.mobilerobot.com/documentation/getting-started/creating-the-first-map/) (<https://info.mobilerobot.com/documentation/getting-started/creating-the-first-map/>).
3. **Drive to each desired autonomous drop point** (<https://info.mobilerobot.com/documentation/installation/mapping-and-drop-point-setup/>). Autonomous delivery is at floor level, so choose floor-drop positions.
4. **Tap Save location**, name the point, and repeat for every destination. There is no software limit on the number of saved locations. See [Saving the First Location](https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/) (<https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/>).

After the locations exist, the robot is ready for its first task: pick a pallet manually, select a destination, and [confirm autonomous mode](https://info.mobilerobot.com/document) (<https://info.mobilerobot.com/document>

ation/user-guides/autonomous-operation/). See [Creating the First Task](https://info.mobilerobot.com/documentation/getting-started/creating-the-first-task/) (https://info.mobilerobot.com/documentation/getting-started/creating-the-first-task/).

## Adding and changing locations later

Locations are not fixed at setup time. Operators add a new point in minutes by driving to it once and saving it — no automation expert needed. This makes the J1600 suitable for changing layouts, [temporary storage points](https://info.mobilerobot.com/applications/use-cases/temporary-storage/) (https://info.mobilerobot.com/applications/use-cases/temporary-storage/), and [brownfield sites](https://info.mobilerobot.com/applications/use-cases/brownfield-automation/) (https://info.mobilerobot.com/applications/use-cases/brownfield-automation/). See [Location Management](https://info.mobilerobot.com/documentation/user-guides/location-management/) (https://info.mobilerobot.com/documentation/user-guides/location-management/).

## The commissioning package

A separate five-day [installation and commissioning package](https://info.mobilerobot.com/products/buying-and-deployment/installation-and-commissioning/) (https://info.mobilerobot.com/products/buying-and-deployment/installation-and-commissioning/) (€10,000 end-user list price) is available for customers who want a structured, validated go-live. It should not be confused with the machine's basic out-of-box usability — it is an optional service intended to reduce go-live risk.

| Phase            | Scope                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-installation | Feasibility check for all selected tasks and loads; risk assessment; project plan                                                                  |
| Day 1            | Unboxing; Wi-Fi connection if desired; automatic-charging setup if purchased; creation of up to 25 drop points; task validation; safety validation |
| Day 2            | Group training for all operators; individual hands-on practice for up to six operators                                                             |
| Days 3–4         | Monitoring of robot performance; on-site troubleshooting and support; additional operator training as needed                                       |
| Day 5            | Acceptance test; handover                                                                                                                          |

Add-ons include [integration with other software and equipment](https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/) (https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/), additional validated

drop points, and [Fleet Management System setup](https://info.mobilerobot.com/documentation/technical-integration/fleet-manager-guide/) (https://info.mobilerobot.com/documentation/technical-integration/fleet-manager-guide/).

## Trying before deploying

A [two-week paid trial](https://info.mobilerobot.com/products/buying-and-deployment/two-week-trial/) (https://info.mobilerobot.com/products/buying-and-deployment/two-week-trial/) (€4,000 including setup and support) is available, and proofs of concept can be run at your own plant or in the company's [Copenhagen demo and test area](https://info.mobilerobot.com/company/locations/test-and-demonstration-facility/) (https://info.mobilerobot.com/company/locations/test-and-demonstration-facility/). Contact points are listed at [mobilerobot.com](https://www.mobilerobot.com) (https://www.mobilerobot.com).

## Next steps

- [Operator Training](https://info.mobilerobot.com/documentation/getting-started/operator-training/) (https://info.mobilerobot.com/documentation/getting-started/operator-training/)
- [Creating the First Map](https://info.mobilerobot.com/documentation/getting-started/creating-the-first-map/) (https://info.mobilerobot.com/documentation/getting-started/creating-the-first-map/)
- [Manual and Autonomous Modes](https://info.mobilerobot.com/documentation/getting-started/manual-and-autonomous-modes/) (https://info.mobilerobot.com/documentation/getting-started/manual-and-autonomous-modes/)