



The Mobile Robot Company

Knowledge Center — Installation · 2026-08-04

<https://info.mobilerobot.com/support/faq/installation>

Installation

Common questions about [getting a J1600 running](https://info.mobilerobot.com/documentation/getting-started/j1600-quick-start-guide/) in your facility.

Does the J1600 really work out of the box?

Yes. The standard J1600 is [ready to use on delivery](https://info.mobilerobot.com/documentation/getting-started/delivery-and-unpacking/): no building modifications, tracks, wires, or reflectors; [Wi-Fi optional](https://info.mobilerobot.com/documentation/installation/network-and-wi-fi-requirements/); no mandatory [WMS, fleet-manager, or IT integration](https://info.mobilerobot.com/applications/results/lower-integration-complexity/). An on-device or online tutorial guides the [first-time setup](https://info.mobilerobot.com/documentation/getting-started/first-time-setup/). [Typical setup takes hours or one day](https://info.mobilerobot.com/applications/results/faster-deployment/), [depending on scope](https://info.mobilerobot.com/applications/planning/deployment-scope-examples/).

What are the basic setup steps?

1. Power on the J1600 and follow the on-screen tutorial.
2. [Drive manually through the facility](https://info.mobilerobot.com/documentation/getting-started/creating-the-first-map/) with the tiller — the robot learns the environment continuously while you drive.
3. Drive to each desired autonomous [floor-drop point](https://info.mobilerobot.com/documentation/installation/mapping-and-drop-point-setup/).
4. **Tap Save location, name the point** [\(https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/\)](https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/), and repeat for all destinations.

There is no software limit on saved locations. See [Navigation and mapping](https://info.mobilerobot.com/support/faq/navigation-and-mapping/).

How much training do operators need?

[About 30 minutes](https://info.mobilerobot.com/documentation/getting-started/operator-training/) for an operator who already uses an electric pallet jack. The manual behavior is

deliberately familiar, and [task creation](https://info.mobilerobot.com/documentation/user-guides/task-management/) (<https://info.mobilerobot.com/documentation/user-guides/task-management/>) is no-code touchscreen work.

What does my facility need to provide?

- [indoor operation](https://info.mobilerobot.com/documentation/installation/operating-environment-requirements/) (<https://info.mobilerobot.com/documentation/installation/operating-environment-requirements/>), 5–40 °C (41–104 °F), 20–80% relative humidity, non-condensing;
- [level floors for autonomous driving](https://info.mobilerobot.com/applications/planning/ro-ute-and-floor-suitability/) (<https://info.mobilerobot.com/applications/planning/ro-ute-and-floor-suitability/>) (0% automatic gradeability), flatness to TR34 FM3 (FF 25 / FL 20);
- bumps no higher than 25 mm and gaps no wider than 20 mm on autonomous routes;
- [power for the manual or automatic charger](https://info.mobilerobot.com/documentation/installation/charger-installation/) (<https://info.mobilerobot.com/documentation/installation/charger-installation/>) — see [Charging and battery](https://info.mobilerobot.com/support/faq/charging-and-battery/) (<https://info.mobilerobot.com/support/faq/charging-and-battery/>).

The robot's ingress protection is IP21.

Is there a formal installation service?

Yes — an optional 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/>) at €10,000 end-user list price, designed to reduce go-live risk:

Phase	Content
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	Performance monitoring; on-site troubleshooting and support; additional operator training as needed
Day 5	Acceptance test; handover

Add-ons include integration with other software or equipment, 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/>).

Do I need the commissioning package to use the robot?

No. The package is an optional deployment service — it should not be confused with the machine's basic out-of-box usability. Many deployments need only the basic setup steps above.

Can I try the J1600 before installing it permanently?

Yes. 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, you can test at 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/>), or a [proof of concept](https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/) (<https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/>), can be run at your own plant. See [Pricing and purchasing](https://info.mobilerobot.com/support/faq/pricing-and-purchasing/) (<https://info.mobilerobot.com/support/faq/pricing-and-purchasing/>) and [Partners and availability](https://info.mobilerobot.com/support/faq/partners-and-availability/) (<https://info.mobilerobot.com/support/faq/partners-and-availability/>).

Who performs the installation?

Local partners (<https://info.mobilerobot.com/products/buying-and-deployment/find-a-local-partner/>) deliver demonstrations, trials, deployment, and service, with the company supplying training, parts, software, and technical support. See Partners and availability (<https://info.mobilerobot.com/support/faq/partners-and-availability/>).