



The Mobile Robot Company

Knowledge Center — Deployment Scope Examples · 2026-08-04

<https://info.mobilerobot.com/applications/planning/deployment-scope-examples>

Deployment Scope Examples

J1600 deployments range from a single robot unboxed and working the same day to commissioned, multi-robot, fleet-integrated installations. This page describes three representative scopes so you can match the deployment effort to your application.

Scope 1: out of the box, single unit

The standard J1600 is [ready to use on delivery](https://info.mobilerobot.com/documentation/getting-started/delivery-and-unpacking/) (<https://info.mobilerobot.com/documentation/getting-started/delivery-and-unpacking/>). A typical setup takes [hours to one day](https://info.mobilerobot.com/applications/results/faster-deployment/) (<https://info.mobilerobot.com/applications/results/faster-deployment/>), depending on scope:

- no building modifications, tracks, wires, or reflectors;
- Wi-Fi optional; [no mandatory WMS, fleet-manager, or IT integration](https://info.mobilerobot.com/applications/results/lower-integration-complexity/) (<https://info.mobilerobot.com/applications/results/lower-integration-complexity/>);
- operator tutorial on the device or online;
- about 30 minutes of [training](https://info.mobilerobot.com/documentation/getting-started/operator-training/) (<https://info.mobilerobot.com/documentation/getting-started/operator-training/>) for an existing electric-pallet-jack operator;
- [locations added by driving to a point](https://info.mobilerobot.com/applications/scenarios/temporary-location-setup/) (<https://info.mobilerobot.com/applications/scenarios/temporary-location-setup/>) and tapping **Save location**;
- [manual charging](https://info.mobilerobot.com/documentation/user-guides/charging/) (<https://info.mobilerobot.com/documentation/user-guides/charging/>) with a wall charger during breaks.

This scope fits a [single work cell](https://info.mobilerobot.com/applications/use-cases/local-work-cell-automation/) (<https://info.mobilerobot.com/applications/use-cases/local-work-cell-automation/>), or one repetitive flow — for example [production supply](https://info.mobilerobot.com/applications/use-cases/production-supply/) (<https://info.mobilerobot.com/applications/use-cases/production-supply/>) from a staging area, or a [receiving-to-storage leg](https://info.mobilerobot.com/applications/use-cases/inbound-receiving/) (<https://info.mobilerobot.com/applications/use-cases/inbound-receiving/>). It is the standard scope for SMEs with one to five pallet-jack operators on a single shift.

Scope 2: commissioned deployment

The [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) is an optional five-day service that reduces go-live risk through structured preparation, validation, and handover:

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

Available add-ons: integration with other software or equipment, additional validated drop points, and Fleet Management System setup. The package should not be confused with the machine's basic out-of-box usability — it is a commercial deployment service for sites that want a validated, accepted go-live.

This scope fits deployments with many drop points, multiple operators and shifts of training needs, formal [risk-assessment requirements](https://info.mobilerobot.com/safety-compliance/safe-deployment/site-risk-assessment/) (<https://info.mobilerobot.com/safety-compliance/safe-deployment/site-risk-assessment/>), or automatic charging.

Scope 3: scaled and integrated

When the application grows, the same hardware platform scales through [software and infrastructure options](https://info.mobilerobot.com/documentation/technical-integration/integration-overview/) (<https://info.mobilerobot.com/documentation/technical-integration/integration-overview/>):

- **[Advanced software upgrade](https://info.mobilerobot.com/products/software/advanced-software/)** (<https://info.mobilerobot.com/products/software/advanced-software/>) (€14,500 list): VDA 5050 interoperability, [REST API](https://info.mobilerobot.com/documentation/technical-integration/rest-api-documentation/) (<https://info.mobilerobot.com/documentation/technical-integration/rest-api-documentation/>), Fleet Manager compatibility, advanced mission planning, and advanced system integration. The upgrade is easiest to install at the factory when the robot is ordered; a partner can perform it later, but a customer cannot.
- **[Fleet Manager](https://info.mobilerobot.com/products/software/fleet-manager/)** (<https://info.mobilerobot.com/products/software/fleet-manager/>) (€6,500 per robot, list): orchestrated multi-robot deployments.
- **[VDA 5050](https://info.mobilerobot.com/products/software/vda-5050/)** (<https://info.mobilerobot.com/products/software/vda-5050/>): full support, letting robots from different vendors work together under a compatible fleet layer.

The company works with established VDA 5050 fleet-management providers.

- **Automatic charging** (<https://info.mobilerobot.com/applications/scenarios/automatic-charging/>) (automatic charger €8,400 list; manual charger €3,600): the robot docks itself for opportunity charging, set up on installation Day 1 when purchased.
- **Come-to-me** (<https://info.mobilerobot.com/applications/scenarios/come-to-me/>): calling the robot via a mobile app or web interface, an advanced automation function.

This scope fits multi-robot flows, sites with existing mixed-vendor fleets, and applications that need [WMS or equipment integration](https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/) (<https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/>). See [software details](https://info.mobilerobot.com/products/j1600/technical-specifications/) (<https://info.mobilerobot.com/products/j1600/technical-specifications/>).

Matching scope to application

Application	Typical scope
One repetitive flow, one work cell, single shift	Out of the box
Cross-docking with many drop points	Commissioned
Formal acceptance and risk-assessment requirements	Commissioned
Multiple robots or mixed-vendor fleet	Scaled and integrated
High-utilization flows needing opportunity charging	Commissioned or scaled, with automatic charging

[Deployment](https://info.mobilerobot.com/documentation/installation/deployment-checklist/) (<https://info.mobilerobot.com/documentation/installation/deployment-checklist/>) starts with qualification: run the [application qualification checklist](https://info.mobilerobot.com/applications/planning/application-qualification-checklist/) (<https://info.mobilerobot.com/applications/planning/application-qualification-checklist/>), then validate with a [trial](https://info.mobilerobot.com/applications/planning/trial-planning/) (<https://info.mobilerobot.com/applications/planning/trial-planning/>) or [proof of concept](https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/) (<https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/>). Prices above are 2026 end-user list prices; a robot purchase itself [starts at €65,000](https://info.mobilerobot.com/products/j1600/pricing-and-roi/) (<https://info.mobilerobot.com/products/j1600/pricing-and-roi/>).