Atlas®

EMBODIED MANUFACTURING INTELLIGENCE



Atlas isn't just built for our world — it's built to transform it, revolutionizing industrial workspaces with unmatched strength and intelligent autonomy.

The robot's dexterous manipulation enables it to perform a wide array of tasks, from material handling to order fulfillment. Atlas learns new tasks quickly, adapts to dynamic environments, and works autonomously with minimal supervision.

Deploy without disruption

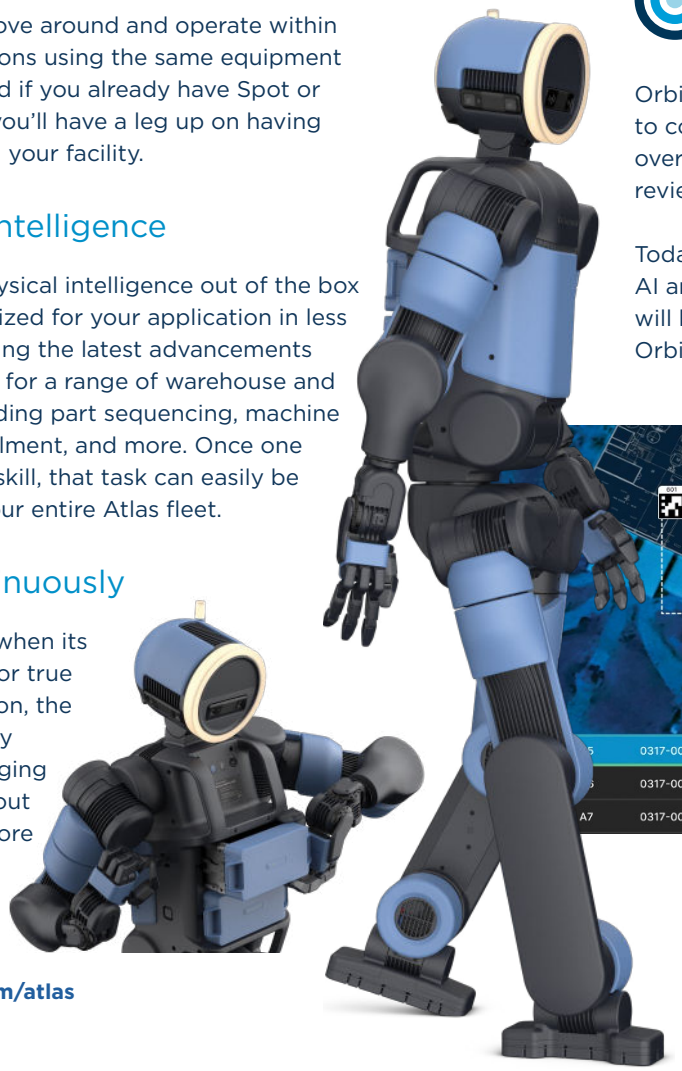
Atlas is made to move around and operate within the same workstations using the same equipment your staff does. And if you already have Spot or Stretch deployed, you'll have a leg up on having Atlas operational in your facility.

Shared fleet intelligence

Atlas ships with physical intelligence out of the box and can be customized for your application in less than a day. Built using the latest advancements in AI, Atlas is ready for a range of warehouse and factory tasks, including part sequencing, machine tending, order fulfillment, and more. Once one Atlas learns a new skill, that task can easily be deployed across your entire Atlas fleet.

Operate continuously

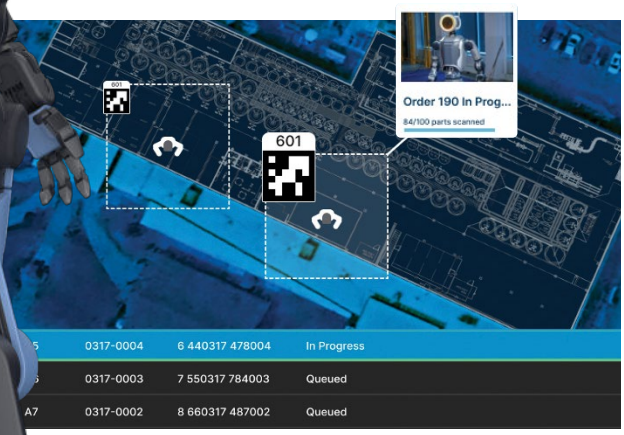
Atlas doesn't stop when its battery depletes. For true continuous operation, the robot autonomously navigates to a charging station and swaps out its own battery before getting right back on task.



Orbit™

Orbit is your single source of truth: your tool to connect Atlas to MES and WMS systems, to oversee Atlas' work and performance, and to review fleet metrics.

Today, our customers are supercharging their AI and enterprise data strategy with Orbit, and will be able to integrate Atlas into their existing Orbit platform.



bostondynamics.com/atlas

BostonDynamics

SPECIFICATIONS

PHYSICAL ROBOT

Height
1.9 m (6.2 ft)

Weight
90 kg (198 lbs)

Degrees of Freedom
56

Sensing
- **Tactile fingers and palm**
- **360° camera view**

BATTERY AND CHARGING

Battery Life
4 hrs

Battery Life with Heavy Lifting
2 hrs

Autonomous Battery Swap Time
3 min (Charge Time 1.5 hrs)

Charge Power Requirements
110 V (220 V Optional)

SERVICEABILITY

- **Modular components**
- **Field replaceable**
- **Customer self-repair certification**

MADE IN THE USA

CAPABILITIES

Weight Capacity:

Instant
50 kg (110 lbs)

Sustained
30 kg (66 lbs)

One-Handed
20 kg (44 lbs)

Reach
2.3 m (7.5 ft)

Safety System
- **Fenceless guarding**
- **Human detection**

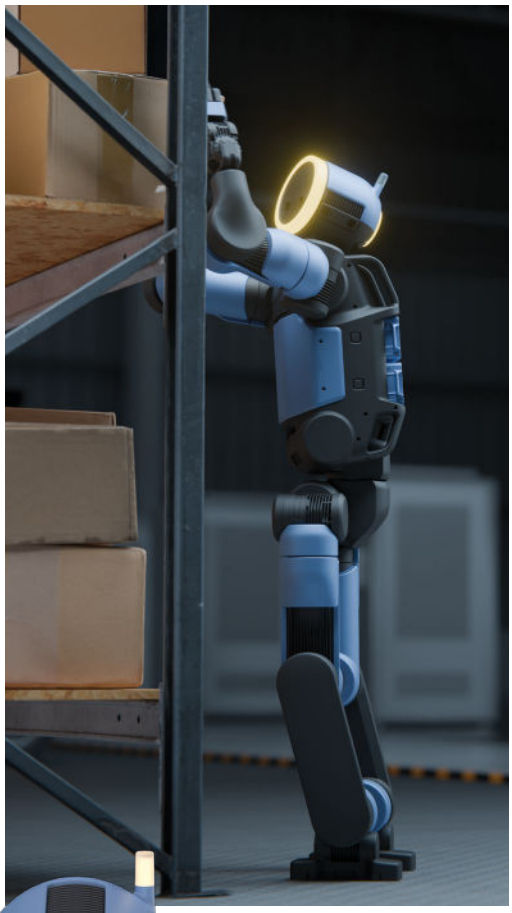
Workflow Integrations
- **Barcode scanner**
- **RFID**

Operating Modes
- **Autonomous**
- **VR teleoperated**
- **Tablet control**

ENVIRONMENT

IP Rating
IP67

Operating Temperature
-20° to 40° C
(-4° to 104° F)





Contact
sales@bostondynamics.com
bostondynamics.com/atlas

Rev: 10/15/2026

Boston Dynamics