Broaden the range of Spot’s capabilities on your worksite with the Spot Arm.

**Maneuverability**
Manipulate and inspect objects to perform tasks in places that are difficult or dangerous for people to reach—autonomously or remotely controlled.

**Integrated**
When equipped with the Arm, Spot uses its full body to balance and position itself for manipulation tasks, improving its range of motion without sacrificing mobility.

**Accessible**
An intuitive tablet interface and API make it easy to control the Arm. Operators can perform complex manipulation tasks with minimal training.

**API options**

**Joint space control**
- Specify joint angles and velocities
- Move to predefined configurations

**End effector control**
- Specify position, velocity, and force trajectories in Cartesian space
- Point the end-effector at a point in the world
- Perform tasks in contact with the environment (e.g. drawing, wiping, etc.)

www.bostondynamics.com/products/spot/arm/
Specifications

General
Degrees of freedom = 6 + gripper
Length (at full extension) = 984 mm (38.7 in)
Mass/Weight (including gripper) = 8 kg (17.6 lbs)
Max. Endpoint Speed = 10 m/s
Max. Lift Capacity* = Up to 11 kg (24.3 lbs)
Continuous Lift Capacity* (at 0.5 m extension) = 5 kg (11 lbs)
Max. Drag Capacity* (on carpet) = Up to 25 kg (55.1 lbs)

On Robot
Total Mass/Weight = 39.7 kg (87.5 lbs)
Max. Reach Height = 1800 mm (70.9 in)

*Payload capacities measured at 22°C

Gripper
Depth = 90 mm (3.5 in)
Max Aperture = 175 mm (6.9 in)
Peak Clamp Force (at tip of opening) = 130 N
Integrated Sensors = ToF, IMU, 4K RGB
Accessory Port = Gigabit Ethernet, 50W power, camera sync (PPS)
Environment
Operating Temp. = -20°C to 45°C
Ingress Protection = Water and dust resistant

Joint range of motion + link lengths