

Boston Dynamics' legacy robots

The foundation of today's portfolio: Our future is built on the groundwork of our previous research. Each of Boston Dynamics' legacy robots has contributed towards crucial milestones in the advancement of applied robotics.

— Handle

Spot Classic
Wildcat
Sandflea
LS3
RHex
RISE
BigDog

Our History Through The Years

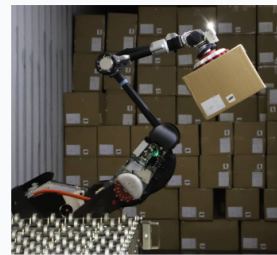
2017

Handle

Handle served as a research venture into wheeled robots.

- Led to the development of Stretch
- Truck unloading and pallet building
- Dynamic balance on two wheels

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2015

Spot Classic

Spot Classic laid the groundwork for the agility and compactness seen in Spot today.

- Quadrupedal movement
- Indoor and outdoor operation
- Boston Dynamics' first fully electric robot

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2011

Wildcat

WildCat was built for speed, making it the fastest quadruped robot on Earth.

- 19 mph on flat terrain
- Dynamic balance
- Variable gait and mobility options

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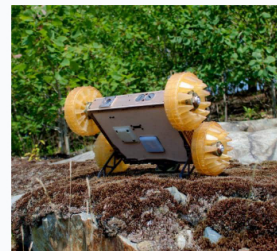
2012

Sandflea

Earning its moniker, the compact, 11lb Sandflea was built to vault high in the sky.

- Capable of jumping 30ft in the air
- Remote controlled
- Built-in stabilization system

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2010

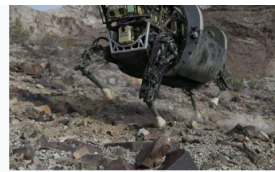
LS3

LS3 (Legged Squad Support System) was a rough-terrain robot with significant carrying capacity.



- 400 lbs of payload
- Could travel 20 miles before refueling
- Sensors for navigating obstacles

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2007

RHex

RHex was a 30lb, six-legged robot designed for mobility on rough terrain.

- Operated remotely
- Could travel upside down
- Rugged construction

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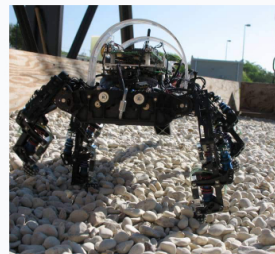
2006

RISE

RISE was a six-legged robot designed to climb without any special adhesion.

- Lightweight with strong legs
- Each foot consisted of approximately 50 fishing hooks
- Climbed at a rate of 5 cm/s

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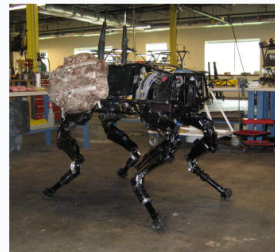
2004

BigDog

BigDog was our first legged robot to leave the lab.

- Navigates rough terrain
- Sensor and control system
- Dynamic balancing

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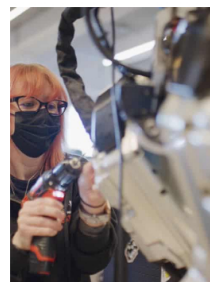


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