### **Tesla Bot**

WORLD BUILT BY HUMANS, FOR HUMANS

**FRIENDLY** 

ELIMINATES DANGEROUS, REPETITIVE, BORING TASKS



HEIGHT CARRY CAPACITY

5'8" 45 LBS

WEIGHT DEADLIFT 125 LBS 150 LBS

SPEED ARM EXTEND LIFT
5 MPH 10 LBS



#### **Technical Details**

5'8" | 125 LBS

**SCREEN FOR USEFUL INFORMATION** 

LIGHTWEIGHT MATERIALS

**HUMAN-LEVEL HANDS** 



**40 ELECTROMECHANICAL ACTUATORS** 

ARMS

NECK

12

2

12

TORSO

HANDS

LEGS

12

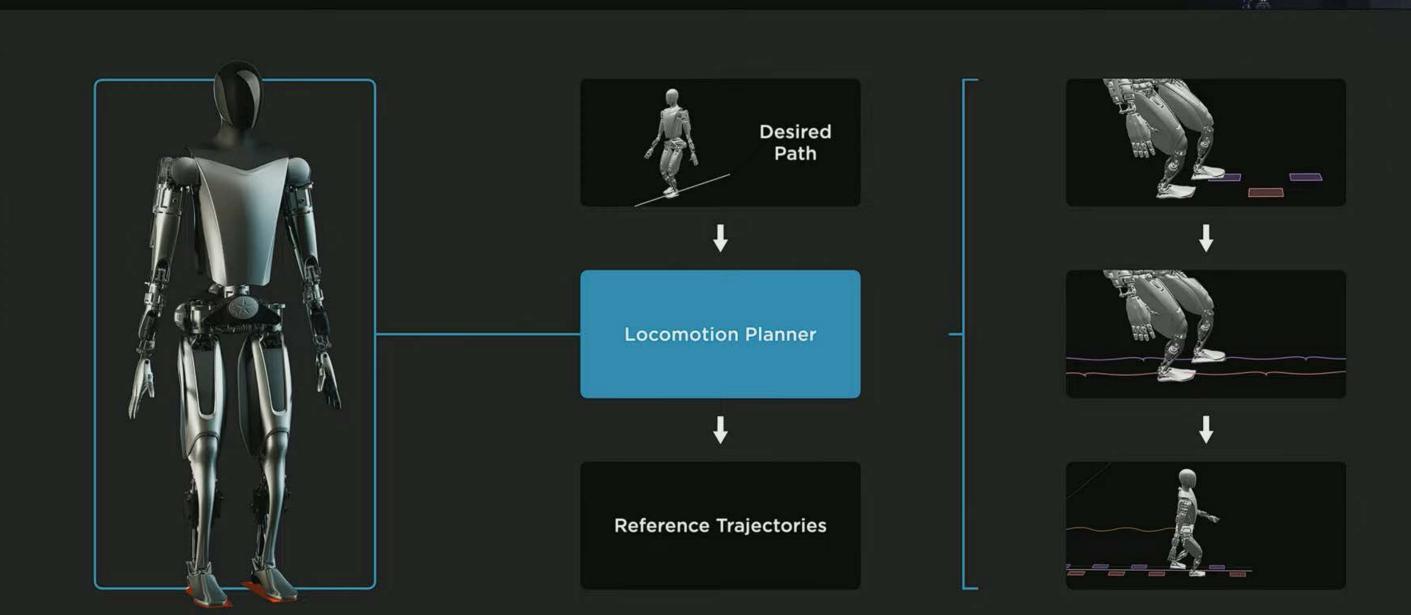


**2 AXIS FEET FOR BALANCING** 

**FORCE FEEDBACK SENSING** 

# **Locomotion Planning Overview**

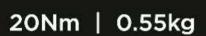




## Actuator Portfolio - Six Unique Designs











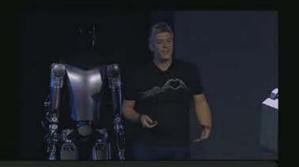


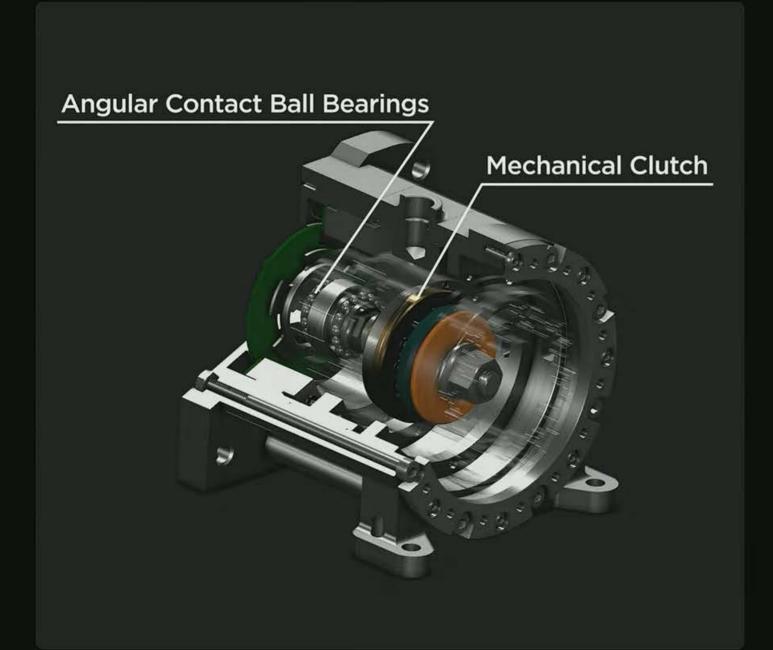


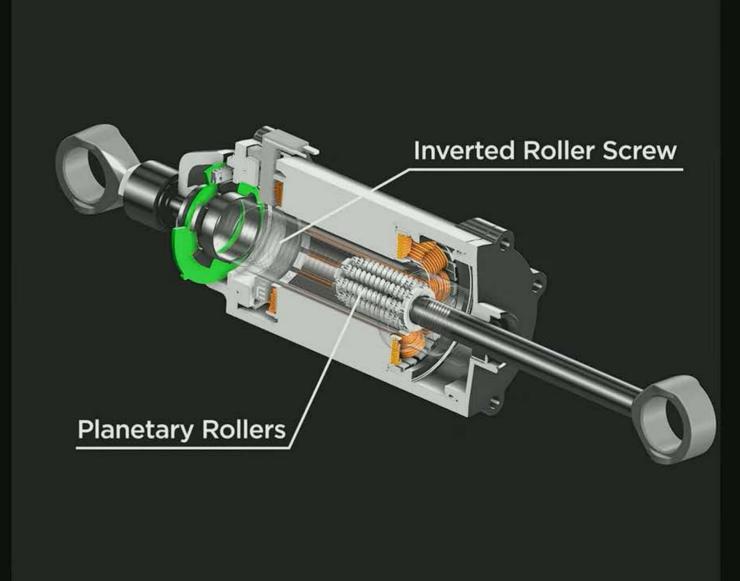




# **Actuator Configuration**

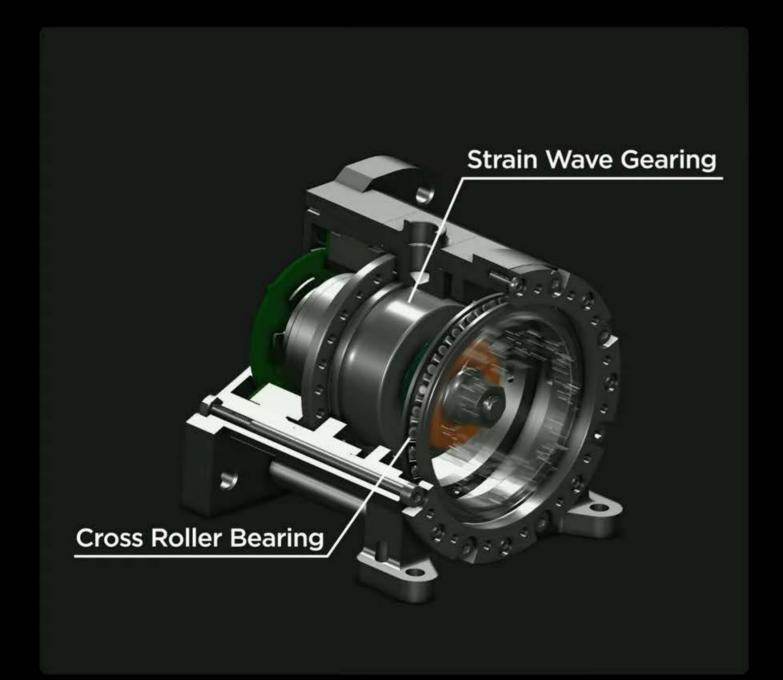


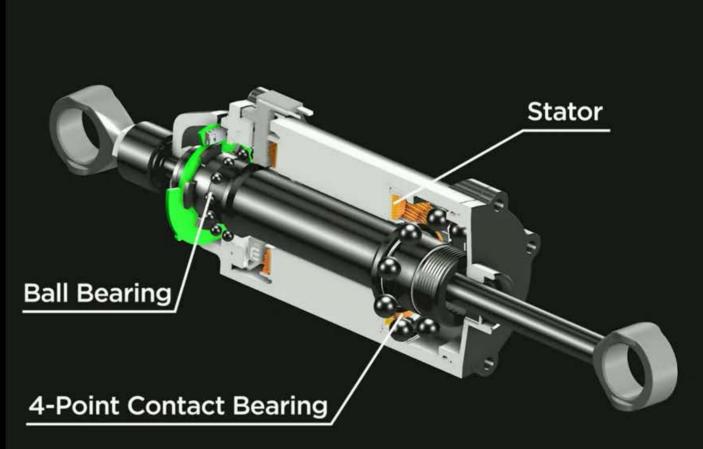




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