



## Overview

Unlock the unlimited possibilities of robotics with Braccio!

You can assemble your Braccio in a multitude of ways. Because it is designed for versatility, the Braccio can also support various objects on the end of the arm. For example, you can use Braccio with your camera to follow a subject, by mounting your telephone or your tablet to follow you when you're at a video conference or with a solar panel to follow the sun. The TinkerKit Braccio is sold as a kit and requires assembly before use. A setup guide is included in the box. The included Braccio shield allows you to hook up the servos directly to your Arduino board.

## Summary

### General

Maximum operating distance	80 cm
Maximum Height	52 cm
Base Width	14 cm
Gripper Width	9 cm
Cable Length	40 cm
Load Capacity	Maximum weight at 32 cm operating distance: 150 g Maximum weight at the minimal Braccio configuration: 400g
Weight	0.792 Kg
Product Code	T050000

### The Kit Includes

Plastic Parts	21
Screws	63
Flat Washer	16
Hexagon Nut	7
Springs	2
Servo Motors	2 x SR 311, 4 x SR 431
Arduino compatible Shield	1
Power Supply 5V, 5A	1
Phillips Screwdriver	1
Double Hexagon Box Wrench	1
Spiral Cable Protection Wrap	1

### The Braccio Shield

Operating Voltage	5 V
Power Consumption	20 mW
Max current	1.1A from M1 to M4 connectors 750mA from M5 and M6 connectors

