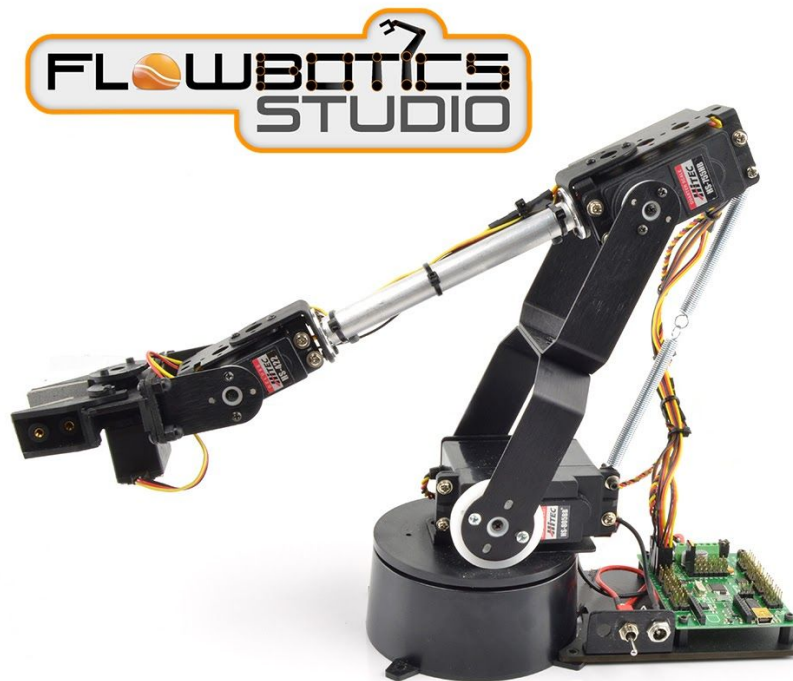




## Description

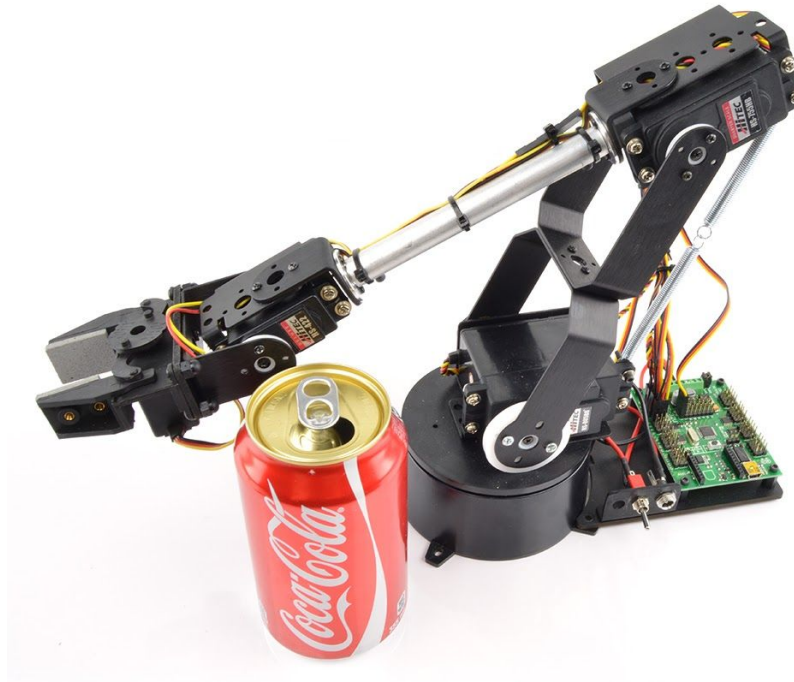
- AL5D arm with SSC-32U USB board and powerful PC software
- Advanced inverse kinematics positioning control using mouse
- Includes license for full version of FlowBotics Studio Programming Software
- Wrist rotate sold separately (three options)

The Lynxmotion AL5D 4DOF Robotic Arm SSC-32U Combo Kit (FlowBotics Studio) is controlled with the SSC-32U USB board and FlowBotics programming software. The AL5D robotic arm delivers fast, accurate, and repeatable movement. The robot features base rotation, single plane shoulder, elbow, wrist motion, a functional gripper, and optional wrist rotate. The AL5D robotic arm is an affordable system with a time tested rock solid design that will last and last. Everything needed to assemble and operate the robot is included in the kit.



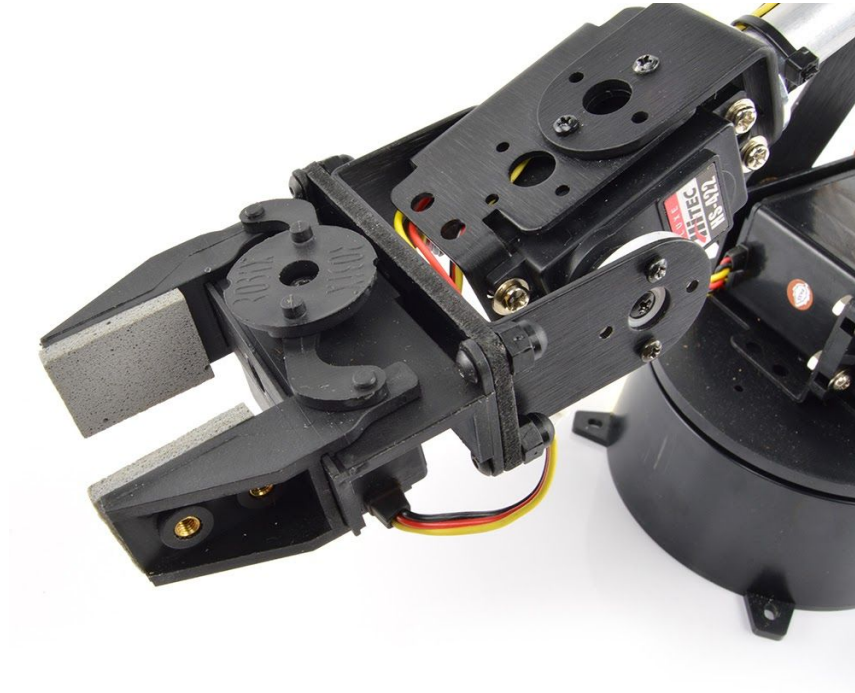
### Arm Control Options

FlowBotics Studio is an easy to use graphical program which allows you to easily get your AL5 robot up and running without the need to create code. Use the AL5 Arm project included with the software to manipulate the real arm using the virtual arm, and create, record and play back your own sequences. Software allows for wrist rotation and additional servos.



### **The Mechanics**

The aluminum robotic arm is made from Servo Erector Set components for the ultimate in flexibility and expandability. The kit consists of black anodized aluminum brackets, Aluminum tubing and hubs, custom injection molded components, and precision laser-cut Lexan components. The arm uses 1 x HS-485HB in the base, 1 x HS-805BB in the shoulder, 1 x HS-755HB in the elbow, 1 x HS-645MG in the wrist, and 1 x HS-422 in the gripper.

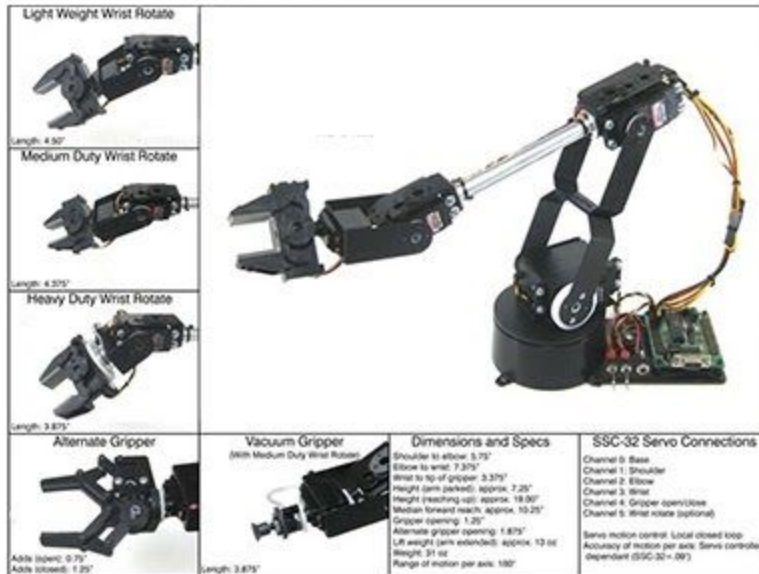


## Features

- AL5D arm with SSC-32U USB board and powerful PC software
- Includes license for full version of FlowBotics Studio programming software
- Advanced inverse kinematics positioning control using mouse
- Easily control up to TWO arms with a single Servo Controller
- Includes everything you need to control the arm from a personal computer (USB port)



## Specifications



## What's Included

- All required hardware for AL5D
- Gripper and attachment gripper kit
- [Lynxmotion Base Rotate Kit \(no servos\)](#)
- Electronics carrier
- [Lynxmotion SSC-32U USB Servo Controller](#)
- USB Data Cable
- [Power Supply Output 6VDC 5A Input 100-240VAC](#)
- [FlowBotics Studio \(CD\)](#)
- 1 x [Hitec HS-422 Servo Motor](#)
- 1 x [HS-485HB Servo Motor](#)
- 1 x [Hitec HS-645MG Servo Motor](#)
- 1 x [HS-755HB Giant Scale Servo Motor](#)
- 1 x [HS-805BB Giant Scale Servo Motor](#)
- Includes FlowBotics Studio Software

## Useful Links

Website



- [Lynxmotion user and assembly guides](#)

#### Blog

- [How to Choose a Lynxmotion Robotic Arm](#)

## Multimedia

<https://www.youtube.com/watch?v=EMy26Q6rC2g>

<https://www.youtube.com/watch?v=njkyA37yOr0>

[https://www.youtube.com/watch?v=JV8Unhsgu\\_M](https://www.youtube.com/watch?v=JV8Unhsgu_M)