



ADVANCING INDUSTRIAL ROBOTICS EDUCATION

Embrace the future of industrial robotics education with the Astorino. A unique and remarkably affordable educational robot for North American industrial/technical education providers.

6 DEGREES OF FREEDOM EDUCATION ROBOT

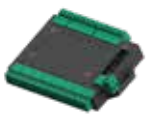
The ASTORINO, a 1kg 6-axis robot, with a structure and programming environment almost identical to that of a Kawasaki industrial robot. This interactive learning approach prepares students for real-world application environments while sparking their interest in the field.



Astorino | General Features

- 3D printed robot construction (PET-G filament)
- Training materials & manuals for teachers
- Complete control system (with a microcontroller)
- Dedicated software for control, visualisation and robot programming
- E-stop (24V)
- USB / Ethernet communication
- Modbus TCP protocol
- 8 I/O 3.3V module
- 24V power supply
- Brakes for 2nd and 3rd axis
- Accelerometer for collision detection
- STL files for parts reprint

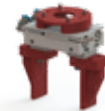
Astorino | Add Ons



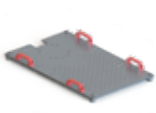
24V IO Module
8 Inputs + 8 Outputs. PNP.
Included in order



Teach Pendant
Touch Screen, 3m Cable
Included in order



2-jaw Gripper
Gripper, fingers, valve Air lines, IO Cable, Arm IO box.
**Requires air compressor (not included)*



Pre-Drilled Robot Plate
180 mounting holes



Cube Feeder Station
6 Cubes, Photo Sensor, Valve, Piston
**Requires air compressor (not included)*



Magnetic Gripper
20N Holding force, IO Cable, Arm IO box.



Electric Gripper
8-20N Holding Force, Fingers, IO Cable, Arm IO box



Vacuum Gripper
5N Holding Force, Cup, Valve, Air lines, IO Cable
**Requires air compressor (not included)*

**A heavy duty, 3L air compressor can be purchased separately.*