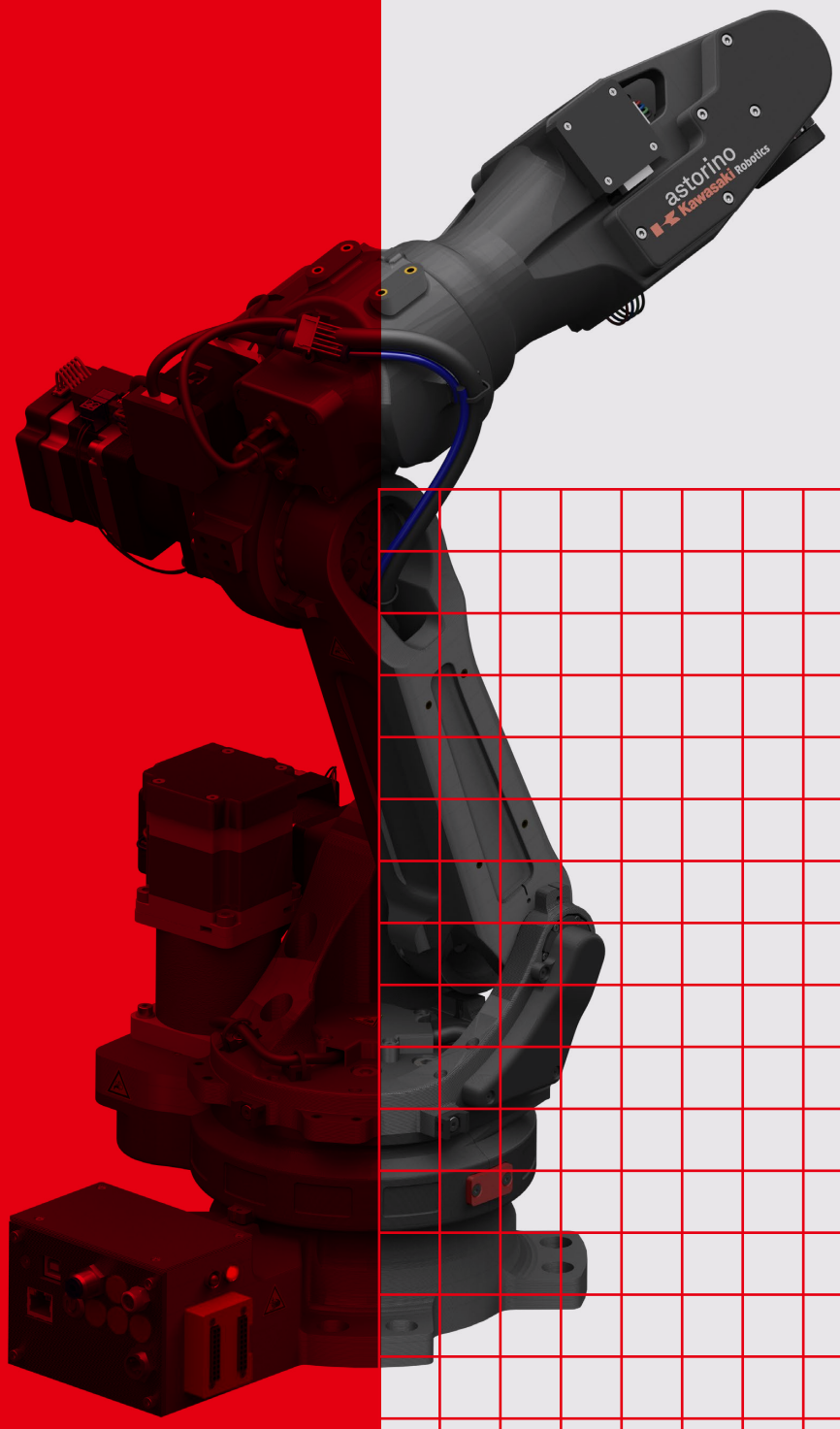
astorino

Kawasaki Robotics

Educational robot programmed like industrial robots

Robot variants
(B-version and DIY-version)

Additional options



Designed and manufactured in the EU

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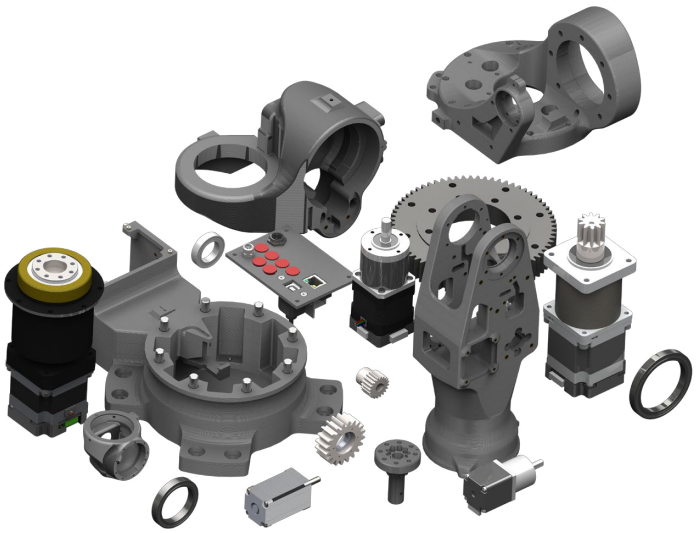
Basic product

→ astorino educational robot, 3D printed, basic variant, assembled, NEW 2023: B-version

- complete control system (with a microcontroller)
- dedicated astorino 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
- simplified CAD file of the robot
- STL files for parts reprint
- user manual, programming manual, calibration manual, training materials for teachers
- safety manual
- technical support

Additionally: on-site training for teachers



→ The astorino robot in Do-It-Yourself variant for self assembly

- complete control system (with a microcontroller)
- dedicated astorino software for control, visualisation and robot programming
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- USB / Ethernet communication
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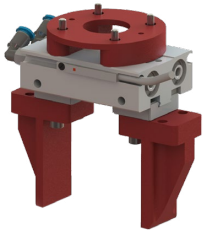
Additional options

→ astorino robot vision system

– OpenMV camera
– Python programming
– communication with the robot through serial port

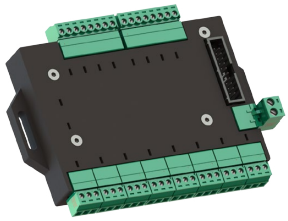


→ astorino robot pneumatic gripper

– electrovalve
– installation harness
– mounting brackets

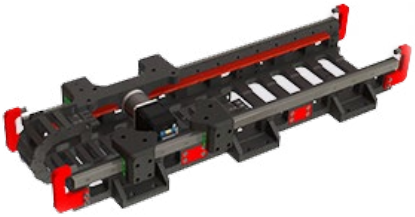
→ astorino robot magnetic gripper

– 24V electromagnet
– linear compensator
– installation harness
– mounting brackets



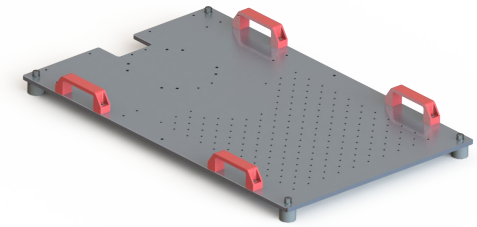
→ 24V I/O module for the astorino robot

– power supply 24V
– PNP or NPN outputs
– PNP inputs
– installation harness



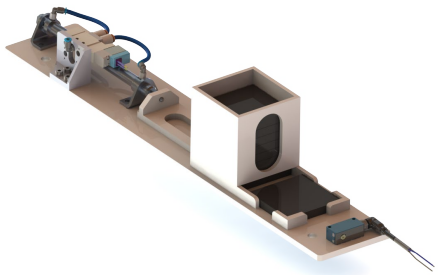
→ Linear track for the astorino robot

– standard length: 60 cm
– additional axis for the robot
– 3D printed
– compatible with the astorino robot



→ astorino robot base plate

– dimensions: 800 × 500 × 10 mm
– made from aluminum
– 180 mounting holes
– added 4 plastic grips for handling



→ Cube feeder for the astorino robot

– equipment for cube feeder application
– dedicated program for cube feeding
– actuator
– optic sensor
– electrovalve

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