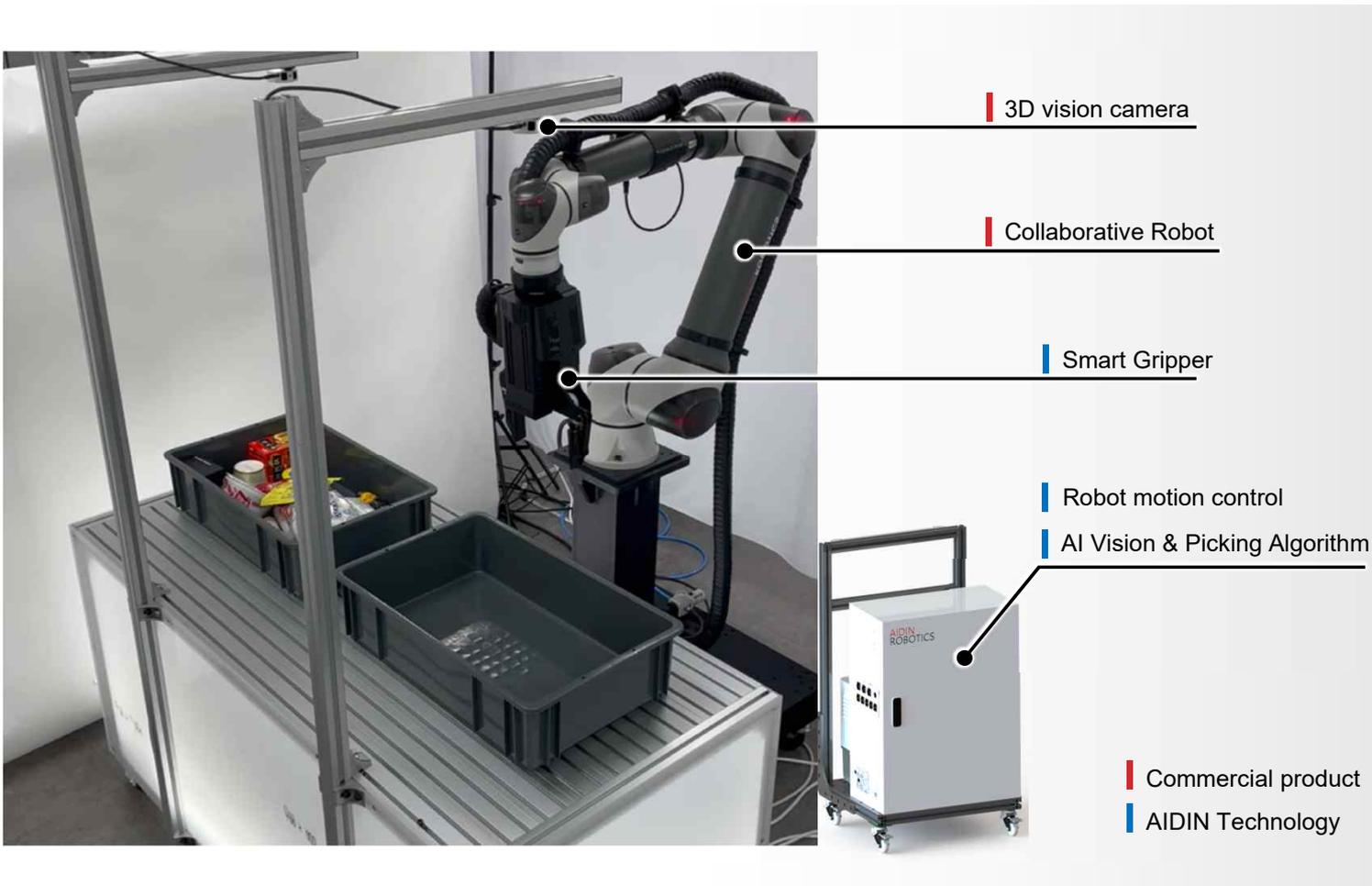


Solution

Robotic Picking Solution for Logistics

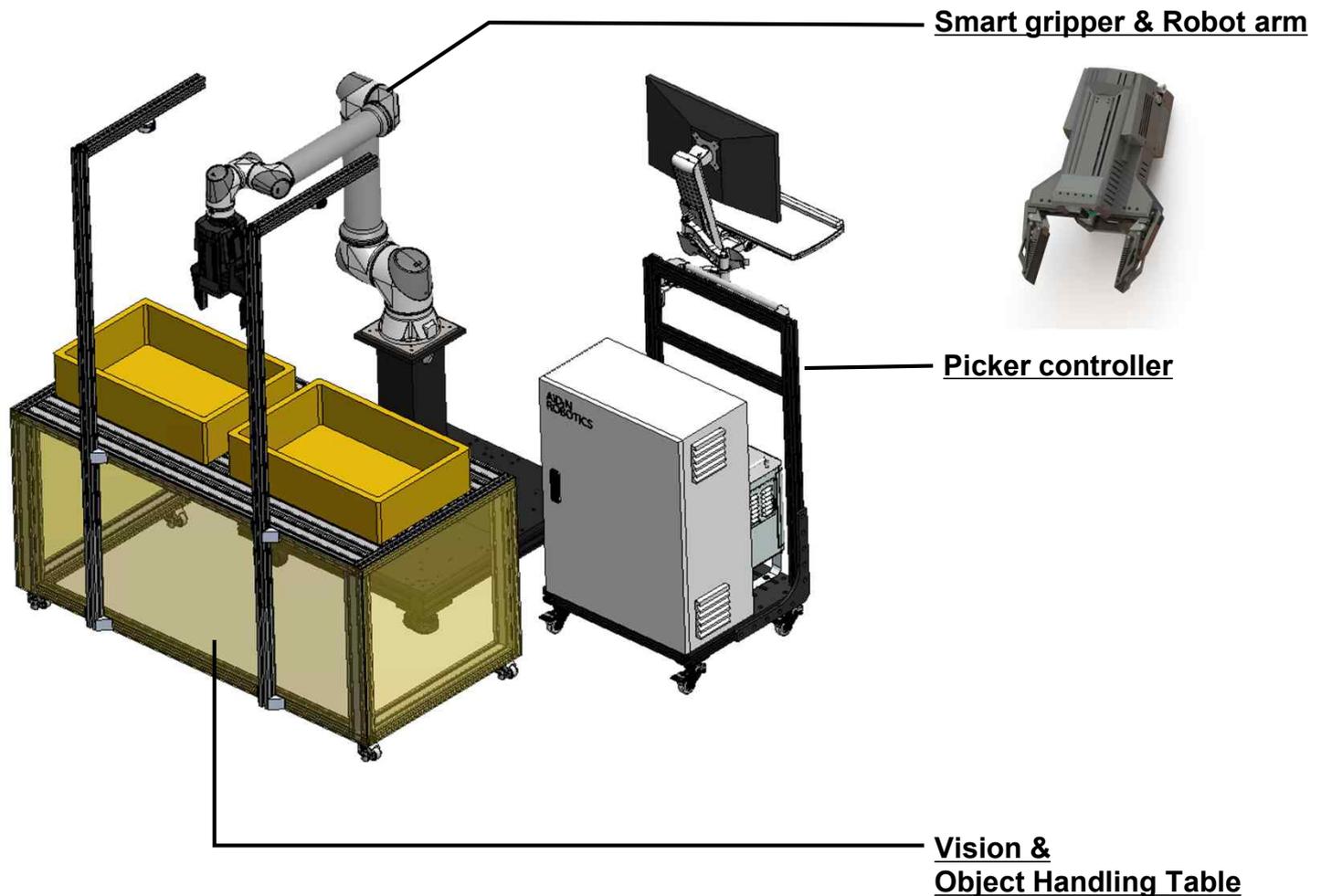
- ▮ **Effortless Object Recognition and Grasping:** Our cutting-edge logistics robot picking system is designed to recognize and grasp random objects without the need for any pre-registration process.
- ▮ **Integrated AI Vision Technology:** We've developed our own AI vision algorithm, seamlessly integrated with a smart gripper capable of handling objects of various types and sizes. This integration allows our system to adapt to all objects found in logistics environments.
- ▮ **Optimized Object Handling:** Through the unified control of both suction and the gripper, our system employs suitable grasping strategies to effectively handle objects, ensuring a seamless and efficient logistics operation.



- ▮ **Productivity: 600 pieces per hour**
- ▮ **Weight of graspable objects : < 5kg**
- ▮ **Size of graspable objects: 160mm**

Specification

System configuration



Picker capabilities

Grasp Range

- | Weight: : Up to 5kg (finger gripper), 1kg (suction alone)
- | Size: : Up to 160mm (finger gripper), 300mm (suction alone)

Productivity

- | Up to 750 pieces/hour (distance between bins: 1400mm)
Varies with installation environment.

Robot arm

- | Rainbow Robotics RB10
Compatible with other collaborative robots.

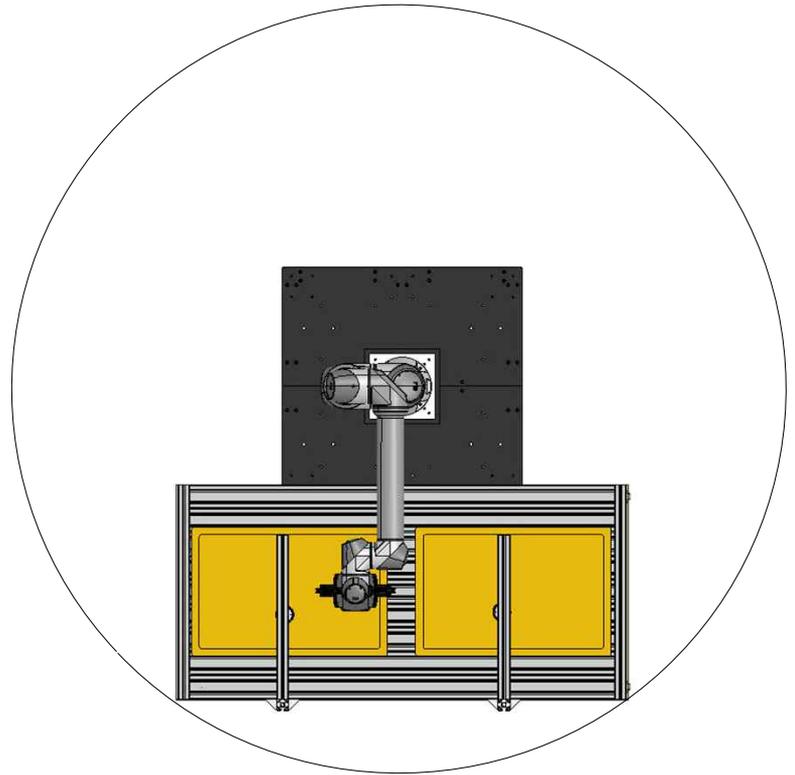
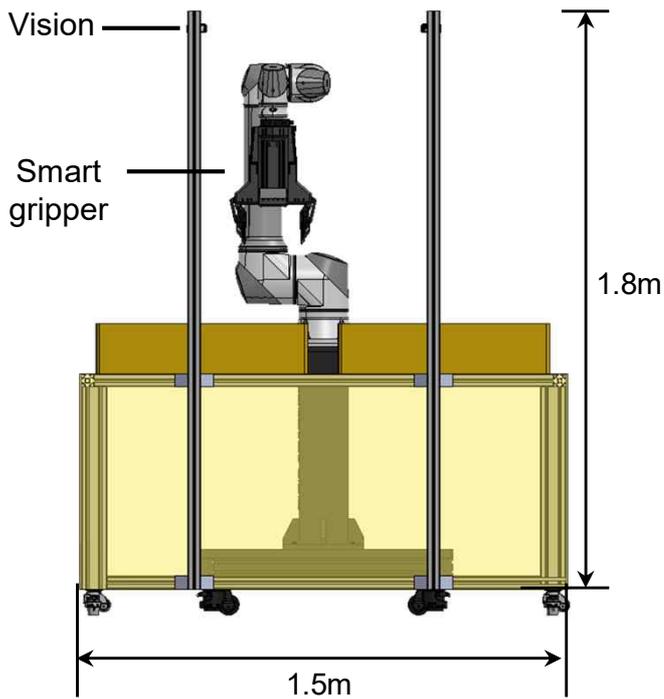
Installation Requirements

- | Power: : 100-240V, 50-60Hz, 2200W
- | Compressed Air: : 4hp+ compressor recommended.



Specification

System dimensions



Radius: 1.3m
(Robot arm: RB10)

Picker controller

