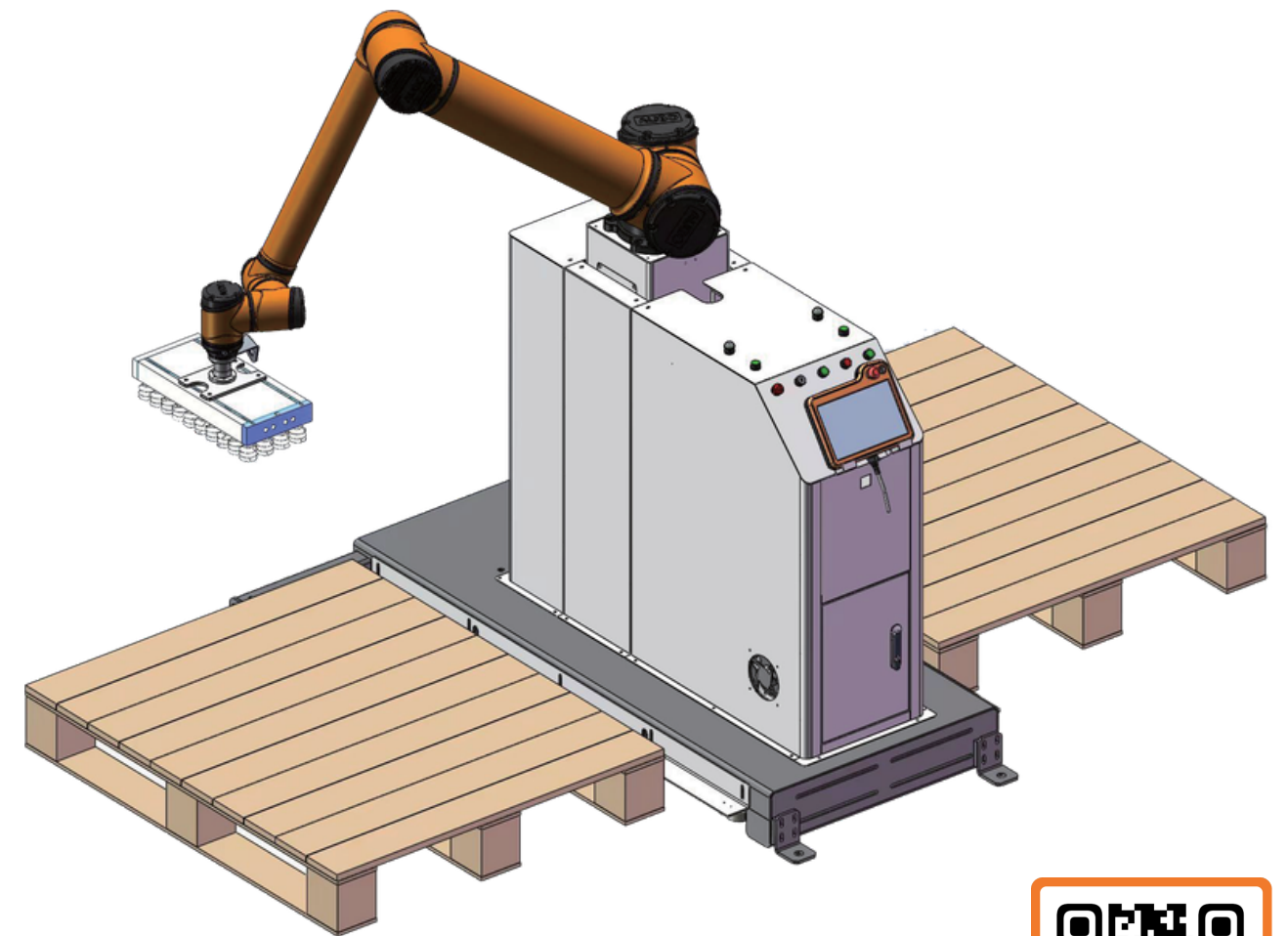
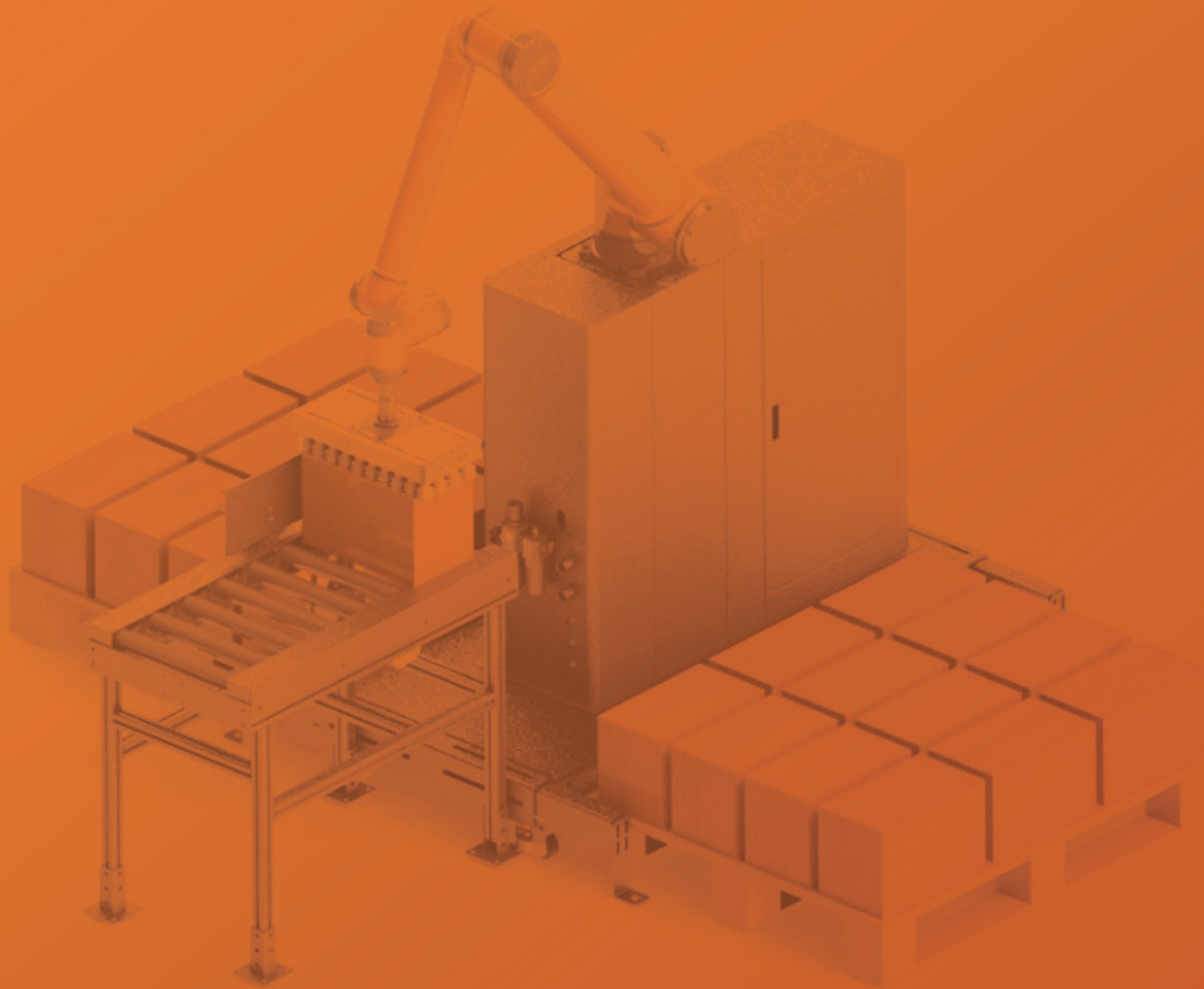


# AUBO Palletizer



<https://aubo-robotics.com>

# AUBO

AUTOMATION WITHOUT BOUNDS

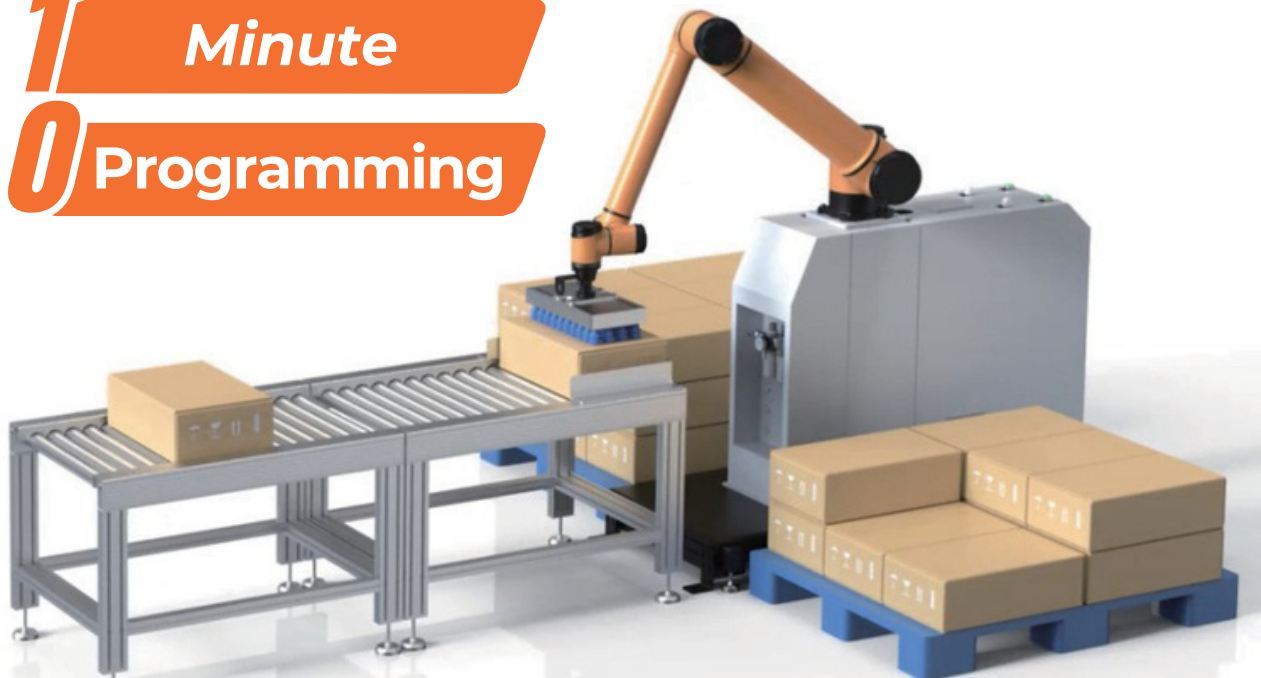
## AUBO PALLETIZING WORKSTATION

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- Palletizing Workstation
- Palletizing Robot
- End-of-Arm Accessories

# Product Advantages

1 Person  
1 Minute  
0 Programming



## Simple Installation

- Lightweight, compact design with a minimal footprint
- Effortless repositioning
- Pre-configured for plug-and-play



## High Precision

- Millisecond Response Time
- $\pm 0.05\text{mm}$  Repeatability



## Zero Programming

- One-click palletizing pattern generation
- New projects created in under 1 minute
- Any operator can learn to use it quickly



## Versatile

- Proven across food & beverage, pharmaceuticals, home appliances, and household chemicals
- Multiple EOAT configurations available to match any product type or application



## Safe & Reliable

- 10 levels of collision detection
- Robot arm automatically locks during power failure — no product drop risk
- 8 dedicated safety I/O ports to support all required safety functions



## Open & Flexible

- Compact and mobile design makes relocation and line changes fast and simple
- Seamlessly integrates with existing lines via Modbus-RTU/TCP, TCP/IP, and EtherNet/IP



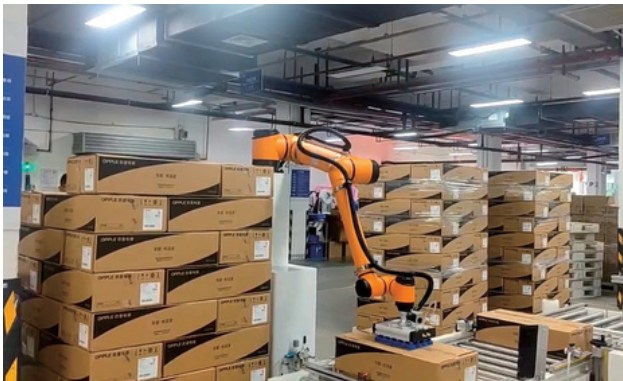
## Modular Design

- Joint Replacement within 30 minutes
- Minimal maintenance keeps downtime minimal
- Full spare parts inventory stocked in the USA for fast turnaround

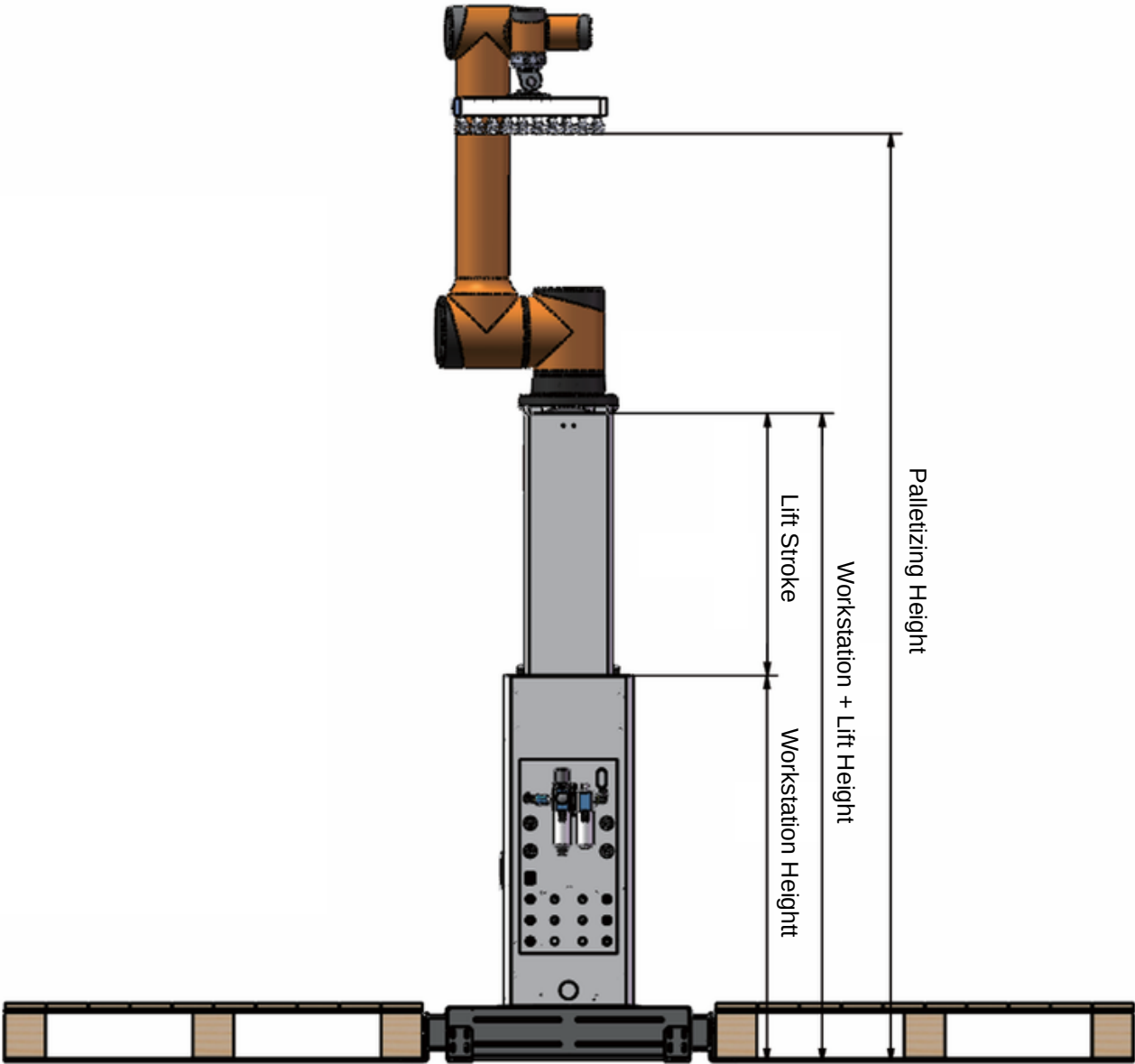
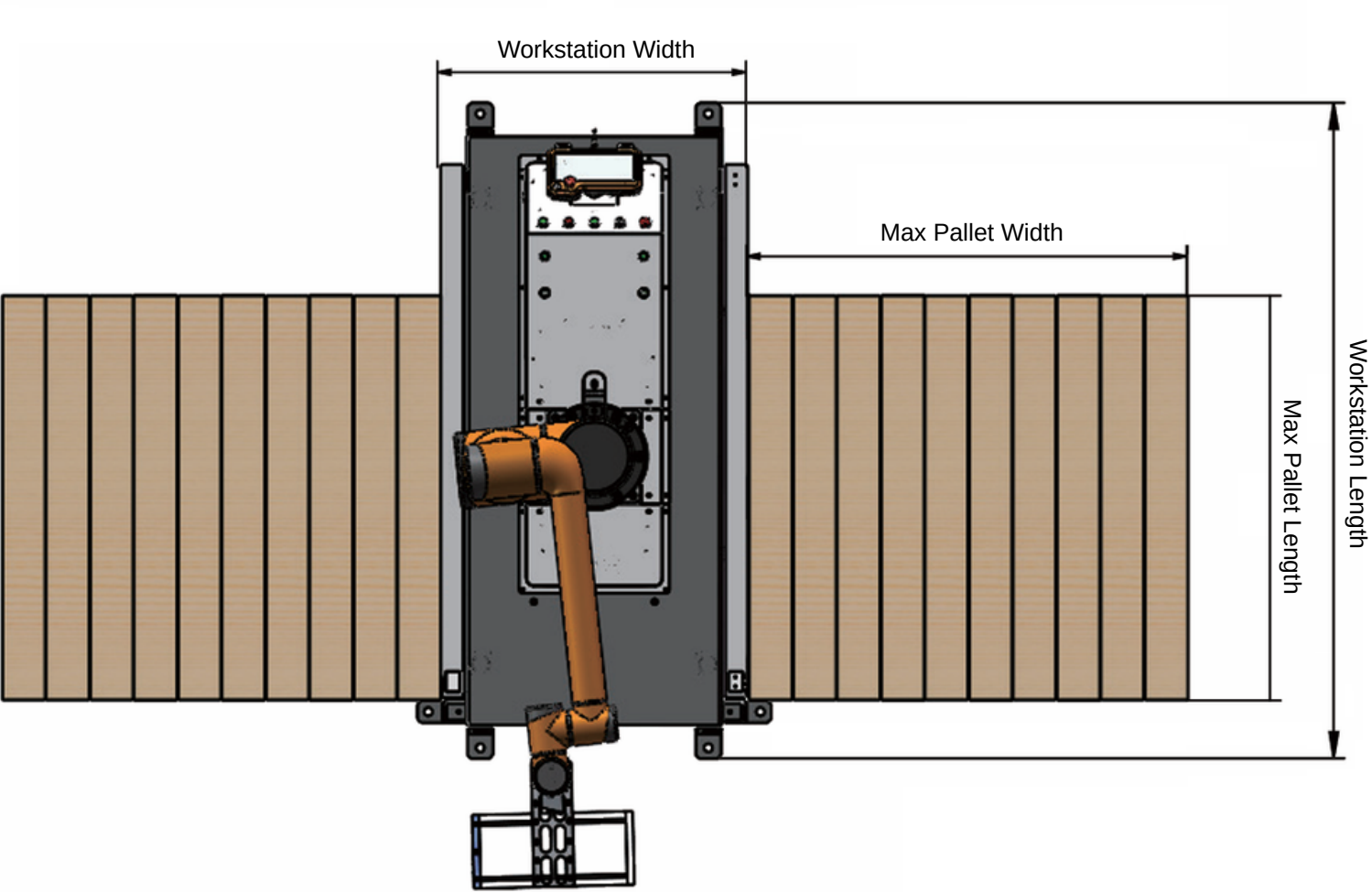


## Fast ROI

- Turnkey solution; minimal design and integration effort
- Investment typically recovered within 6–12 months
- Compatible with existing plant layouts and workflows



# Palletizing Workstation Dimensional Overview

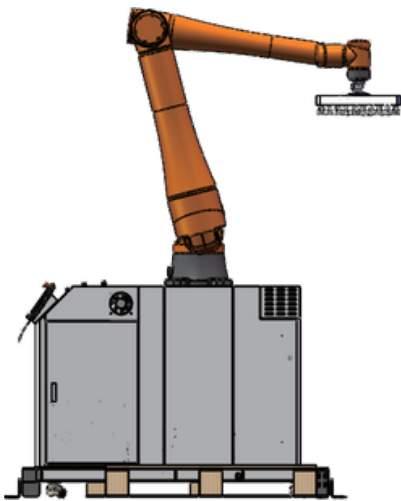
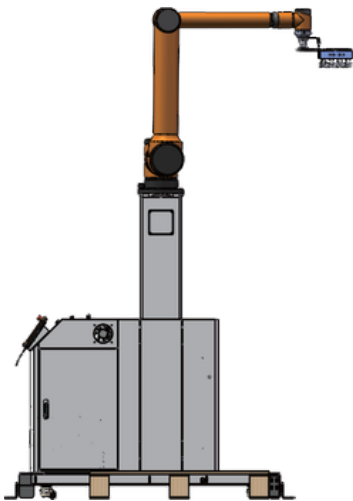
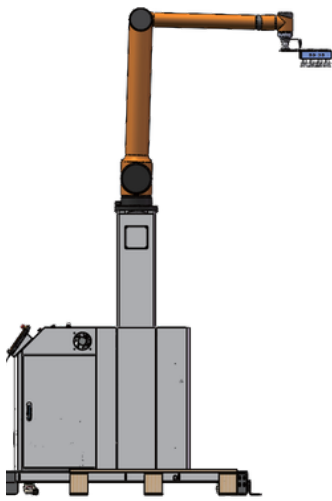
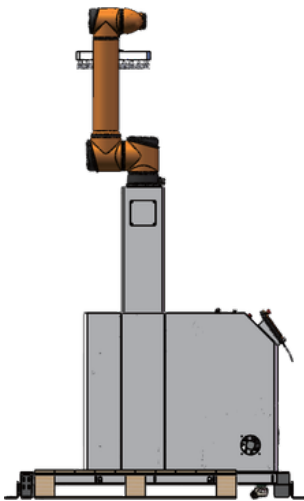


| Model                     | iS20                        | iS20L                       | iS25                        | iS35                        |
|---------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Workstation Size          | 840×1,784 mm / 33.1×70.2 in | 840×1,784 mm / 33.1×70.2 in | 840×1,784 mm / 33.1×70.2 in | 900×1,784 mm / 35.4×70.2 in |
| Max Pallet Size           | 1,200×1,200 mm / 48×48 in   | 1,200×1,200 mm / 48×48 in   | 1,200×1,200 mm / 48×48 in   | 1,300×1,300 mm / 51×51 in   |
| Palletizing Height        | 2,300 mm / 90.6 in          | 2,300 mm / 90.6 in          | 2,300 mm / 90.6 in          | Up to 2,800 mm / 110 in     |
| Workstation Height        | 1,105 mm / 43.5 in          | 1,105 mm / 43.5 in          | 1,105 mm / 43.5 in          | 1,105 mm / 43.5 in          |
| Lift Stroke               | 750 mm / 29.5 in            | 750 mm / 29.5 in            | 750 mm / 29.5 in            | Up to 500 mm / 19.7 in      |
| Workstation + Lift Height | 1,855 mm / 73.0 in          | 1,855 mm / 73.0 in          | 1,855 mm / 73.0 in          | Up to 1,605 mm / 63.2 in    |

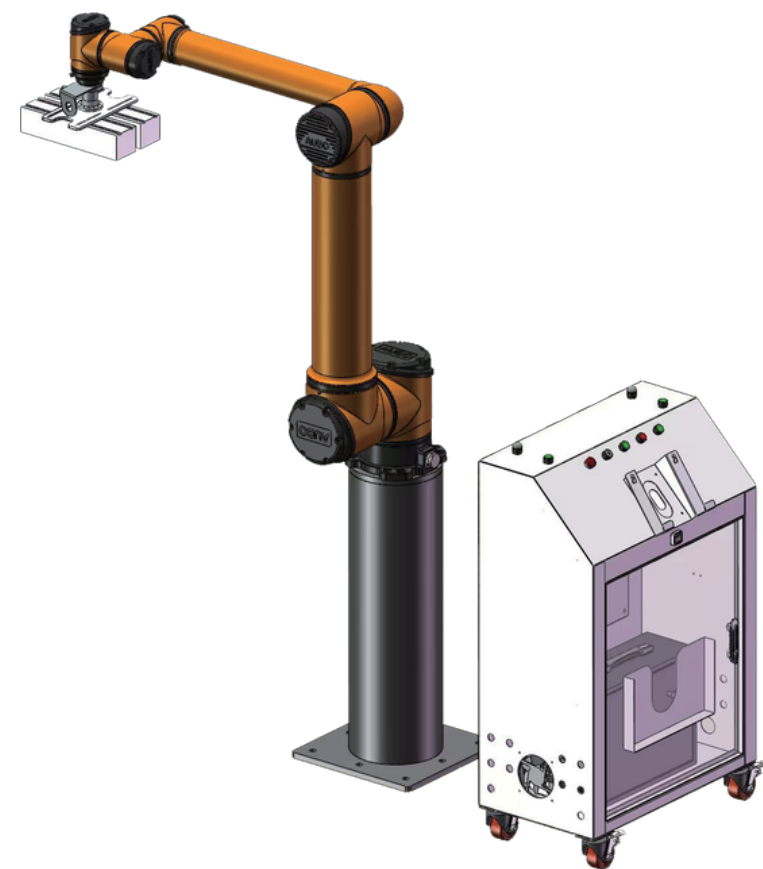
# Palletizing Workstation Product Specifications

| Model                | iS20                 | iS20L                | iS25                 | iS35                 |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Payload              | 20 kg / 44.1 lb      | 20 kg / 44.1 lb      | 25 kg / 55.1 lb      | 35 kg / 77.2 lb      |
| Robot Reach          | 1,647 mm / 64.8 in   | 2,000 mm / 78.7 in   | 1,700 mm / 66.9 in   | 2,100 mm / 82.7 in   |
| Repeatability        | ±0.05 mm / ±0.002 in | ±0.05 mm / ±0.002 in | ±0.05 mm / ±0.002 in | ±0.05 mm / ±0.002 in |
| Cycle Time           | Up to 9 boxes/min*   | Up to 9 boxes/min*   | Up to 9 boxes/min*   | Up to 8.5 boxes/min* |
| Working Temperature  | 0–50°C / 32–122°F    | 0–50°C / 32–122°F    | 0–50°C / 32–122°F    | 0–50°C / 32–122°F    |
| Rated Voltage        | Single-phase 220V    | Single-phase 220V    | Single-phase 220V    | Single-phase 220V    |
| Total Weight         | 490 kg / 1,080 lb    | 490 kg / 1,080 lb    | 490 kg / 1,080 lb    | 600 kg / 1,323 lb    |
| External Sensor Type | NPN                  | NPN                  | NPN                  | NPN                  |

\* Cycle time based on single-pick operation and may vary by application. Custom multi-pick configurations available; contact your AUBO representative for details.



# Palletizing Robot Product Specifications



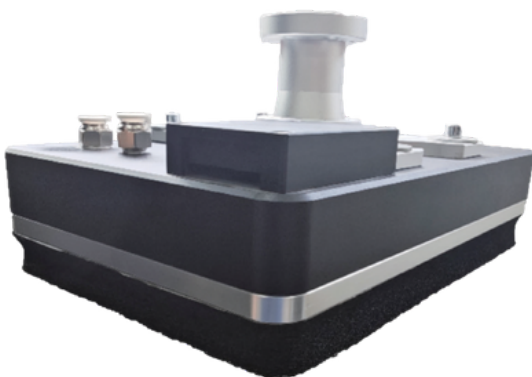
| Model               | 20 KG                | 35 KG                |
|---------------------|----------------------|----------------------|
| Payload             | 20 kg / 44.1 lb      | 35 kg / 77.2 lb      |
| Robot Reach         | 1,647 mm / 64.8 in   | 2,100 mm / 82.7 in   |
| Palletizing Height  | 2,000 mm / 78.7 in   | 2,000 mm / 78.7 in   |
| Repeatability       | ±0.05 mm / ±0.002 in | ±0.05 mm / ±0.002 in |
| Cycle Time          | Up to 9 boxes/min    | Up to 8.5 boxes/min  |
| Working Temperature | 0–50°C / 32–122°F    | 0–50°C / 32–122°F    |
| Rated Voltage       | Single-phase 220V    | Single-phase 220V    |

# End-of-Arm Accessories



## Rubber Suction Cup

- Size: 260×200 mm / 10.2×7.9 in (standard; custom sizes available)
- Weight: 5 kg / 11 lb
- Compatible models: iS20 / iS20L / iS25 / iS35



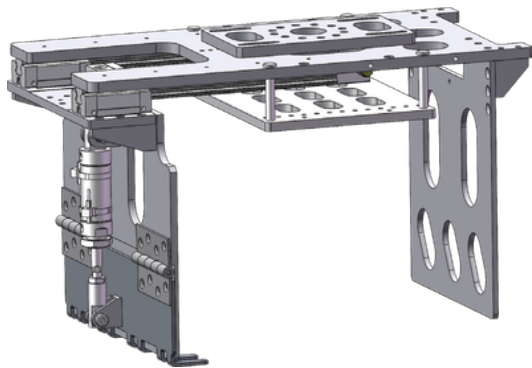
## Foam Suction Cup

- Size: 260×200 mm / 10.2×7.9 in (standard; custom sizes available)
- Weight: 5 kg / 11 lb
- Compatible models: iS20 / iS20L / iS25 / iS35



## Split Suction Cup

- Sizes:
  - 300×80 mm / 11.8×3.1 in
  - 300×130 mm / 11.8×5.1 in
  - 350×80 mm / 13.8×3.1 in
  - 350×130 mm / 13.8×5.1 in
- Weight: 7 kg / 15.4 lb
- Compatible models: iS20 / iS20L / iS25 / iS35



## Gripper (Clamp-type)

- Size: 540×260×396 mm / 21.3×10.2×15.6 in (standard; custom sizes available)
- Weight: 14 kg / 30.9 lb
- Compatible models: iS35