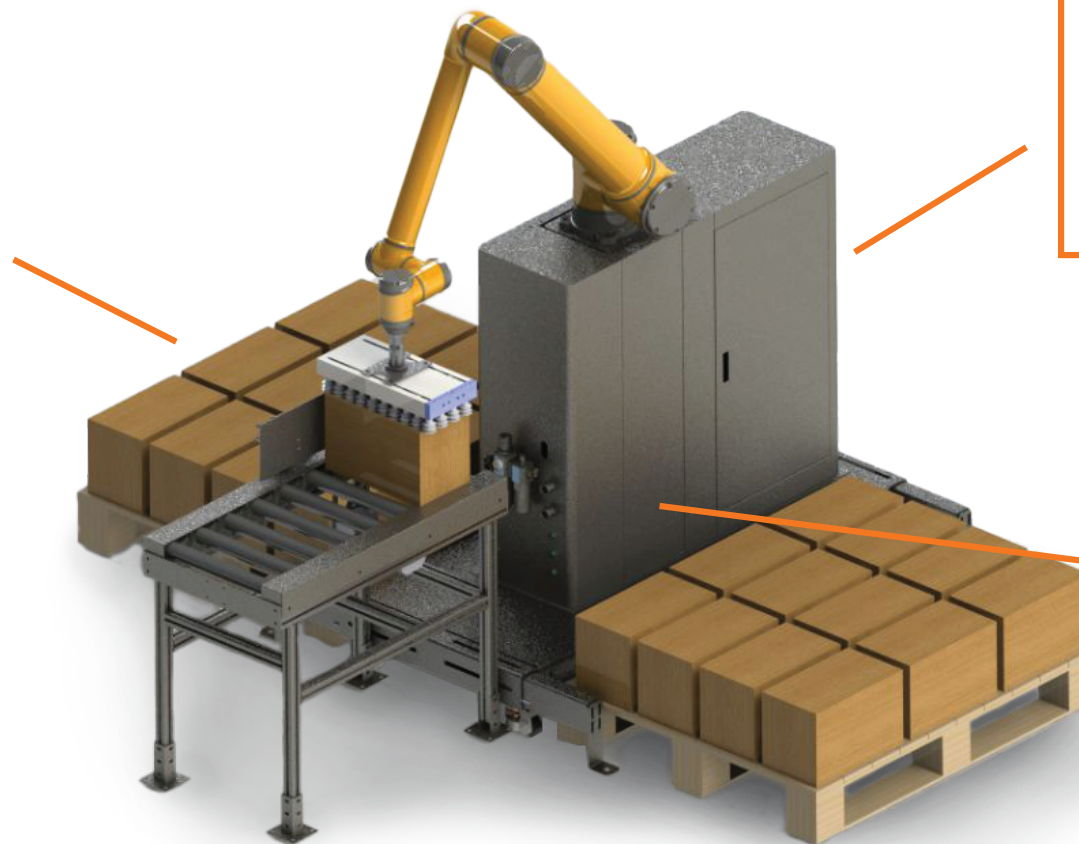


Palletizing Station

Product & Technical Overview

The Palletizing Station uses specially designed software with preset routines created by AUBO Engineers to stack workpieces perfectly, every time. Taking the guess work out of end-of-line palletizing. Just follow the on screen prompts by entering your project details and specifications – no programming required, and watch as the Palletizing Station does the rest.



The included frame and chassis acts as a housing to store the cables, mechanics, and the control box out of view. The Palletizing Station is an enterprise ready solution that moves as one piece without the need for any internal configuration or wiring; minimizing downtime by making deployment and initial setup a breeze.

The palletizing station includes a vertical column that acts as a 7th degree of freedom that allows translation on the Z axis, improving stacking height. Sensors are additionally placed in front of the vertical column to detect pallets and workpieces, ensuring operational accuracy and precise placement.



**No Programming
Experience Required**



**Preconfigured
For Fast Deployment**



**Field Tested
Across Applications**

AUBO Palletizing Station



The Aubo Palletizing Station is a enterprise ready solution built from the ground up to eliminate programming from the end-of- line palletizing process and minimize the setup associated with collaborative robotic palletizing. Out of the box, the AUBO Palletizing Station comes prewired and configured, so you can deploy within minutes – not hours.

The system features an easy-to-use programming-free UI built around custom designed protocols created by AUBO Robotics USA engineers, before starting your project the system will request details like your pallet size, box size, workpiece weight, conveyer height, and pick point – these details are all the system requires to generate a an efficient palletizing pattern, create a robotic program, and start the palletizing process. The AUBO Palletizing Station is the ultimate all-in-one palletizing solution for ease of use and simplicity helping your business save time and money on research, development, and engineering.

SYSTEM SPECIFICATIONS

Cobot Payload	20 kg
Max Cobot Reach	1650 mm
Repeatability	±0.1mm
Maximum Pallet Size	L: 1200 mm x W: 1200 mm
Maximum Stack Height	2100 mm
Floor Space Dimensions	L: 1640mm x W: 1428mm x H: 1250mm
Avg. Power Consumption	500 W
Peak Power Consumption	1500 W
Operating Temperature	0-50 °C
Humidity	90% Relative Humidity (No Condensation)

AVERAGE SPEED OF OPERATION

