

NOVA Automation offers solutions for a wide range of robotic palletizing and packaging applications. Utilizing a wide range of robotic suppliers, NOVA is able to integrate complete system solutions that offer lower capital costs coupled with reduced labor and rapid return on investment. NOVA engineers understand the functional side of robotic applications and can assist you in choosing the right equipment solution tailored to your exact application requirement.

Key Features and Options

- Ideally suited for rates up to 1,560 bags per hour (single head; dual head optional) and up to 2,100 cases per hour
- Payload capacities from 180 kg. to 300 kg. can handle the most demanding palletizing applications
- NOVA engineered end-of-arm-tooling (EOAT) designed for all types of bags and boxes including automated EOAT change
- Offers a very limited maintenance schedule included greasing and gearbox fluid change at 5,000 hours
- Configurations to handle from one to four separate packaging lines with a single robotic cell
- Robot achieves an industry leading 2,050 cycles per hour with loads of 130 kg and +/- 0.5mm repeatability
- Easily interfaced with new or existing packaging and wrapping systems





TECHNICAL SPECIFICATIONS

Product Applications:	Palletizing of bags, boxes (cases) and other direct-to-pallet containers
Typical Handling Rate:	Up to 1,560 BPH (single head) and up to 2,100 BPH (dual head)
Maximum Reach:	Up to 3,255mm
Ambient Temperature:	0° C to 45° C
Noise Level:	75 dB
Weight Capacity:	180 kg. to 300 kg. (including EOAT)
E.O.A.T. Available:	Pneumatic, servo, vacuum, fork or application specific design
Control System:	Robot controller with teach pendant and capability to integrate with PLC systems
Approximate Dimensions:	18' L x 10' W x 12.5' H (standard single palletizing station cell)
Utility Requirements:	230-460-575 VAC (compressed air based on EOAT selected)

The illustrations do not necessarily show the exact design of the products at any given time. The products have to be used in conformity with common practice and all applicable safety regulations. Specifications for products and equipment presented here can be changed without prior notice.

Your Process, Automated.