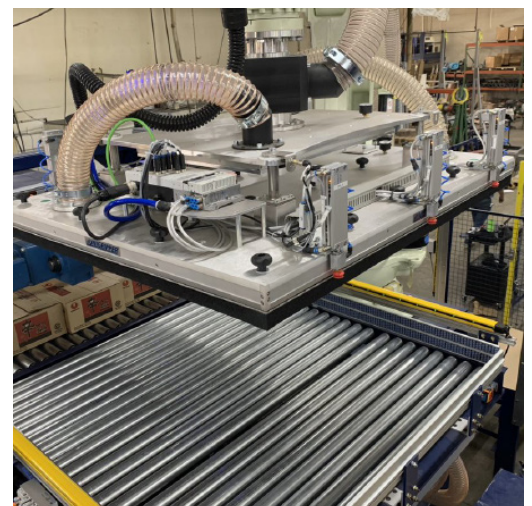


NOVA Automation offers solutions for a wide range of robotic palletizing and packaging applications. NOVA is able to integrate complete system solutions that offer lower capital costs coupled with reduced labor and rapid return on investment.

This system is capable of orienting cases at rates 60+ units per minute and palletizing at this same up to 104" in height. By leveraging NOVA's 25+ year history of innovative solutions, the system can carefully process these extremely tall unstable loads and secure them with our extended height stretch wrapping system to ensure your loads ship and arrive in one piece.

### Key Features and Options

- Ideally suited to meet rates of 50-70 units per minute depending on pattern
- Payload capacities from 180 kg. to 300 kg.
- Designed to handle the most demanding palletizing applications
- End-of-arm-tooling (EOAT) designed for all types of cases including automated EOAT change
- Limited robotic maintenance schedule, requires 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



Your Process, Automated.



## TECHNICAL SPECIFICATIONS

<b>Product Applications</b>	Palletizing of a variety of cases and cartons to include taped, glued, open top, and shrink wrapped products
<b>Typical Handling Rate:</b>	Up to 50-70 units per hour (pattern dependant)
<b>Maximum Reach:</b>	Up to 3,255mm
<b>Ambient Temperature:</b>	0 to 45 C
<b>Noise Level:</b>	75 dB
<b>Weight Capacity:</b>	180 kg to 300 kg (including EOAT)
<b>E. O. A. T. Options:</b>	Pneumatic, servo, vacuum, fork or application specific design
<b>Control System:</b>	Robot controller with teach pendant and integrated HMI and PLC system
<b>Approx. Dimensions</b>	18' L x 16' W x 16' H
<b>Utility Requirements:</b>	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.

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