

NOVA Automation offers a low level palletizer for most every application including bags, boxes and baled products. Our engineers were involved in the evolution of conventional palletizers in the 1980's, and have continued to pioneer unique designs that increase operating speeds, improve reliability, and reduce complexity and maintenance. Regardless of your palletizing need, NOVA Automation has the answer to your most demanding applications.



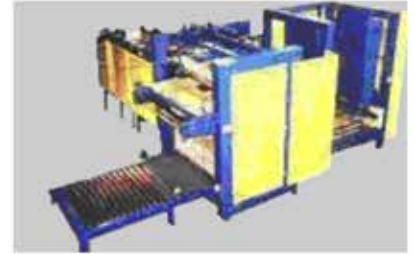
NP-10 Palletizer

- Ideally suited for palletizing rates of up to 900 BPH
- Rugged, simple design offers ease of use and maintenance
- Unique carriage design reduces movement and wear by 50%
- Motor driven bag pusher rides on self-aligning UHMW linear glides
- Automatic motorized layer squaring and compression
- 10" color HMI offers advanced diagnostic, operations, and maintenance functions
- Name brand components offer ease of maintenance
- Easily interfaced with all types of automatic filling systems



NP-15 Palletizer

- Rate capacity matched to output of many common packaging lines
- Motor driven bag pusher rides on self-aligning UHMW linear glides
- Automatic 4-sided layer squaring and compression
- 10" color HMI offers advanced diagnostic, operations, and maintenance functions
- Name brand components offer ease of maintenance
- Ideally suited for palletizing rates of up to 1,200 BPH
- Simplified design offers fewer moving parts and reduced maintenance
- Accommodates a wide range of bags, boxes and bales



NP-20 Palletizer

- Ideally suited for palletizing rates of up to 1,800 BPH
- Accommodates a wide range of bags, boxes and bales
- 10" color HMI offers advanced diagnostic, operations, and maintenance functions
- Hybrid design offers high level performance with low level simplicity
- Bi-directional pusher design increases speed without added complexity
- Compact footprint allows for installation in tight spaces
- Automatic 4-sided layer squaring and compression
- Name brand components offer ease of maintenance

TECHNICAL SPECIFICATIONS

	NP-10 PALLETIZER	NP-15 PALLETIZER	NP-20 PALLETIZER
Palletizing Applications:	Bags, bales or boxes	Bags, bales or boxes	Bags, bales or boxes
Typical Palletizing Rate:	Up to 900 BPH (based on load pattern)	Up to 1,200 BPH (based on load pattern)	Up to 1,800 BPH (based on load pattern)
Package Entry:	Single lane/line entry	Single lane/line entry	Single lane/line entry
Package Orientation:	Turning post (std.) Overhead turner (opt)	Turning post (std.) Overhead turner (opt)	Multi-stage turning assembly
Layer Forming:	Motorized single stainless plate	Motorized single stainless plate	Motor driven single stainless plate
Layer Squaring:	Motorized 3-sided w/ automatic adjustment	Motorized 4-sided w/ automatic adjustment	Motorized 4-sided w/ automatic adjustment
Pusher Assembly:	Motorized layer pusher w/ poly chain drive	Motorized layer pusher w/ poly chain drive	Motorized bi-directional layer pusher w/poly chain drive
Package Patterns:	Storable programs with in-process tuning	Storable programs with in-process tuning	Storable programs with in-process tuning
Pallet Conveyors:	Wire mesh over 2.5" precision rollers	Wire mesh over 2.5" precision rollers	Wire mesh over 2.5" precision rollers
Empty Pallet Dispenser:	Included-high capacity forkless design	Included-high capacity forkless design	Included-high capacity forkless design
Slip Sheet Dispenser:	Optional	Optional	Optional
Control System:	PLC with 10" color HMI with advanced diagnostics	PLC with 10" color HMI with advanced diagnostics	PLC with 10" color HMI with advanced diagnostics
Load Height:	60" including pallet	60" standard-up to 96" optional	60" standard-up to 96" optional
Utility Requirements:	480V, 3Ø, 60A - 5 CFM compressed air (International power options available)	480V, 3Ø, 60A - 5 CFM compressed air (International power options available)	480V, 3Ø, 60A - 5 CFM compressed air (International power options available)

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.