



EoL
END OF LINE

BOXED BOT SERIES ROBOTIC PALLETIZERS



Cost and space saving automated palletizing solutions

The Boxed Bot Series palletizing solution is available as a modular or skid-based solution with additional options available to produce countless solution possibilities.

Modular engineering allows for quality control and complete flexibility in machine design for your application. No costly customization is required to meet your requirements. The space-saving skid-based robotic palletizer features a footprint starting at just 8'x10'.

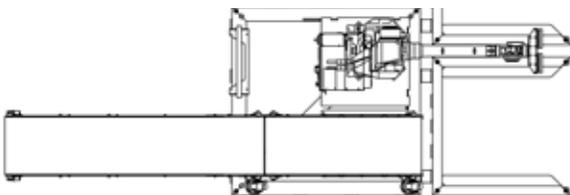
Boxed Bot palletizers feature a long-reach robot that provides higher stack patterns, which better maximize tractor-trailer loading for more efficient shipping.

FEATURES AND BENEFITS

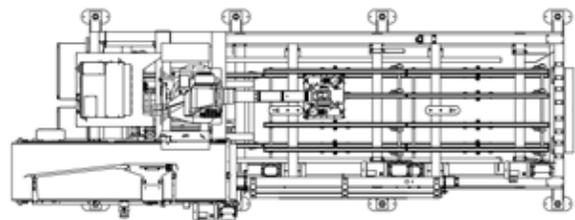
- Intuitive HMI end-user interface with an average of just 10 minutes of training needed on the HMI without need for an external computer.
- QBox pallet building software allows operators to design and produce exact pallet patterns, as many patterns as you want without service programmer onsite to perform task.
- Ideal for RSC, HSC, bags, blocks, pails, dunnage and more
- CAT3 safety comes standard to meet specific customer safety requirements.
- Customer support at machine start-up includes operator training.
- Variety of tool and layer forming options for specific applications.
- Easily disassembled, moved, and redeployed as needs change.

BASIC CONFIGURATIONS

MODULAR



SKID BASED



TYPICAL PRODUCT SPECIFICATIONS

Configuration	Modular	Skid Based
Footprint	11.5'x17.5'	8'x10' (approx)
Robot**	Fanuc M-710IC	
Payload*	60lb	
Pallet Height**	96in	
Speed	up to 40 units/min.	
Tool*	Venturi style vacuum gripper	
Magazine Capacity	Compatible with all types	
Pallets	Standard GMA/CHEP 4-way	
Power	230 VAC/60 Hz/3 Ph 460 VAC/60 Hz/3 Ph 575 VAC/60 Hz/3 Ph	
Construction	304 Stainless Steel or Mild Steel Options Available	

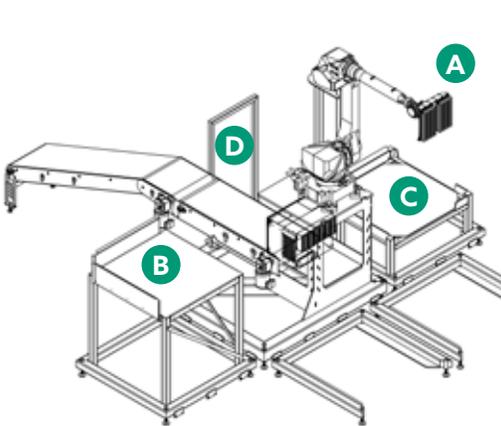
*Application dependant

**Overheight options available

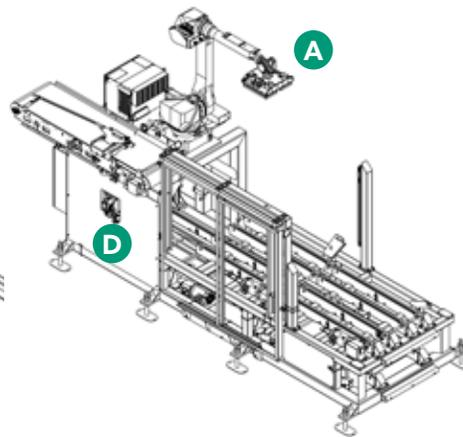
Air Supply*	80psi @ 16scfm minimum, clean dry air filtered to 5µm with a dew point of 40°F or lower
Infeed Conveyor Height	Application dependent
Outfeed Conveyor Height	18"
HMI	10" HMI
PLC	Allen-Bradley CompactLogix PLC
Panel	NEMA 12
Panel Free Space	20%
Safety Circuit	CAT3
Startup & Training	One service tech for two days included to test first product (travel & expenses not included)
Pallet Patterns & Recipes	Unlimited!

ISO DRAWINGS

MODULAR



SKID BASED



OPTIONS

- Case management (bump turn)
- Adaptive case height modifications
- Case stop gates for case gapping
- Case collation
- Slipsheet station
- Specialized EOAT for specific applications
- UL/CSA/ESA special inspections
- Orion stretch wrapper
- Custom layouts available
- Outfeed pallet conveyors
- Product weight verification
- Code scanning
- All stainless steel base construction
- Qleen-Line conveyor system



A. VENTURI VACUUM GRIPPER

Robot includes End of Arm Tooling with vacuum generators.



B. PALLET DISPENSER***

Automatically dispenses GMA or chep pallets. Basic style accommodates 12 pallets, more is possible.



C. SLIP SHEET STATION***

Slip sheet dispenser reduces labor required completely automating the pallet building process in your operation.



D. HMI

Full system control, including pallet pattern selection and QBox pallet building via AB PanelView HMI.

***Optional features on both modular and skid based systems

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