

Compacker Systems, LLC

ROBOTIC PALLETIZING



KUKA KR 180 PA Palletizing Robot

The KR 180 PA is fast, has a payload of nearly 400 lbs and a reach of 10.5 ft. KUKA robots, German engineered and built to last, are considered by many the best robot on the market today. KUKA has a wide variety of robots which allows Compacker to select the right robot for your specific needs.

Return on Investment

We realize that making a significant capital purchase such as a palletizing system must be carefully considered and that the return on investment must be appealing. We are committed to finding the most cost effective solutions to meet your needs.

COMPACKER ROBOTIC PALLETIZING CELLS – A PERFECT SOLUTION FOR END OF LINE PALLETIZING!

At Compacker we begin with an extensive and detailed assessment of your packaging line and palletizing needs. Our engineers custom design the robotic palletizing cell including both mechanical and vacuum End of Arm Tooling, product pre-positioning conveyor and pick stations, pallet handling system, and safety fencing and gates.

Product Configuration: Our engineers design pick-up stations capable of pre-positioning your product in an optimal configuration ready to be placed on your pallet.

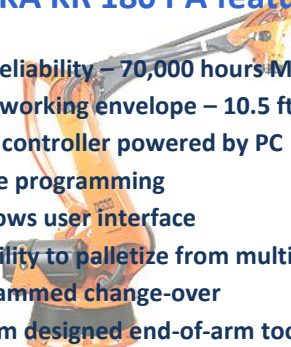
Pallet Dispensing: Depending on the required cycle time, Compacker will design the EOAT to pick up and place empty pallets or provide automatic pallet dispensing equipment.

Upstream and downstream equipment: Compacker has been manufacturing case and tray packing equipment since 1961 and working with our packaging partners can provide a complete packaging line for our customers.

Offline Programming with PalletTech® With **PalletTech®** offline programming takes place at the programmer's desk instead of in the middle of the production floor! **PalletTech®** software will help optimize packing patterns. The conversion and start up is fast, thus saving time and money.

The KUKA KR 180 PA features:

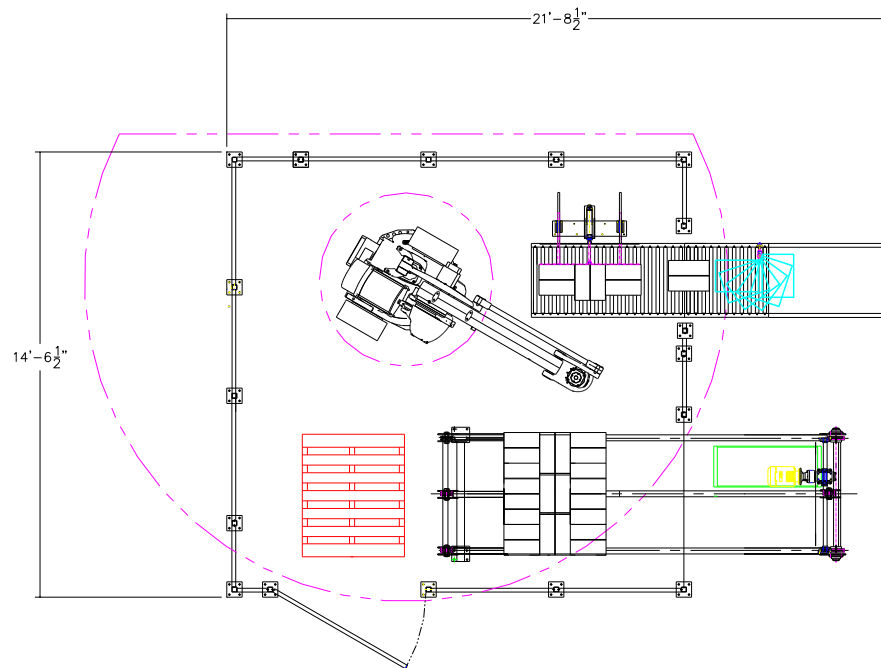
- High reliability – 70,000 hours-MTBF
- Large working envelope – 10.5 ft. radius
- KUKA controller powered by PC
- Offline programming
- Windows user interface
- Flexibility to palletize from multiple lines
- Programmed change-over
- Custom designed end-of-arm tooling



Below is a partial list of Kuka Palletizing Robots

Robot Type	Number of Axes	Payload		Reach		
		KG	LBS	MM	Inches	Ft
KR 50 PA	2	50	110	1991	78	6.53
KR 40 PA	4	40	88	2091	82	6.86
KR 100-2 PA	4	100	220	3200	126	10.50
KR 180-2 PA	4	180	397	3200	126	10.50

Example of a robotic palletizing cell with pattern forming and pallet handling conveyor.



COMPACKER ALSO MANUFACTURES ◦ CASE PACKERS ◦ TRAY PACKERS ◦ SEALERS ◦ ERECTORS



Bottom Load



End Load



Erector/Packer



Top Load



Wrap-Around



Tray Packer



Case Erector



Case Sealer

Compacker Systems, LLC

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