

# KUKA

KUKA Energy Solutions

## KUKA ROBO STACK

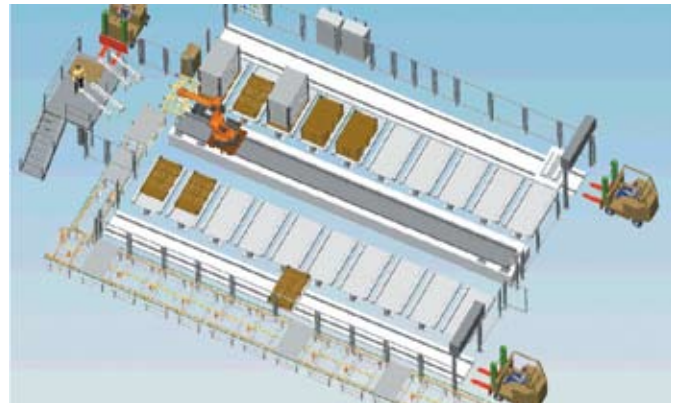


■ **KUKA ROBO STACK**  
**AUTOMATIC PACKAGING OF**  
**SOLAR MODULES (STACKING)**

For a flexible and efficient end of line we provide our automatic packaging station to sort the modules due to the classification the flasher determines.

The robot and/or operator picks up a module from the conveyor with a multi use end effector. The robots picks up a set of stacking corners from a magazine and places the module on the correct pallet according to its classification.

Full stacks get transferred out of the system and can be safely picked up by a forklift or transferred to a storage area. Pallets are automatically replenished by the robot.



LAYOUT EXAMPLE

COMPONENTS	BASIC SCOPE	OPTIONS
■ Robot	■	
■ Linear Axis for Robot	■	
■ Multi Use End Effector	■	
■ Palette Conveyor and Shuttle	■	
■ Safety Rolling Doors	■	
■ PLC Siemens S7	■	
■ Safety Fence	■	
■ Stacking Corner Magazine		■
■ Vision System (Stack Control / Palette Location)		■
■ Bar Code Reader and Printer		■

TECHNICAL DATA	
Palette Bays / Classifications:	4 - 24
Cycle Time:	60 sec (one robot)
Foot Print:	Depending on Number of Classifications
Price:	On Request
Configurations:	- 1-2 Robot Solutions - Semi Automatic - Manual
Stacking Corners:	Various styles

Specifications regarding the characteristics and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Some items of equipment depicted in the illustrations are optional, and are not included in the standard scope of supply. Solely the respective contract of sale shall be binding in respect of the extent of our supplies.

For more details contact us at [solar@kuka.de](mailto:solar@kuka.de) or call + 49 821 797-1076



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