

KUKA

KUKA Energy Solutions

KUKA ROBO FINISH



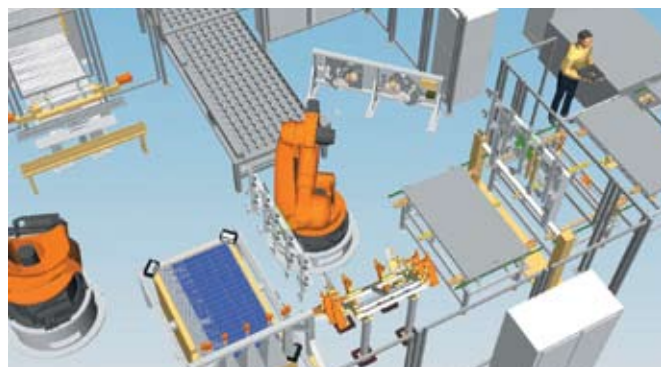
■ **KUKA ROBO FINISH**
AUTOMATIC CRIMPING
AND CHAMFERING

These two tools finish the encapsulation process based on robot handling. The frame corners are locked by means of self locking corner keys which require crimping or bolting.

KS Framelock C and Framelock S fulfill this task.

A vision system can be incorporated after this process for an automatic frame check. In this case an optional reject conveyor, KS Scan Frame, should be added.

As a last process step the module frame gets chamfered by means of a milling unit, KS Chamfer M.



LAYOUT EXAMPLE

COMPONENTS	BASIC SCOPE	OPTIONS
■ Robot	■	
■ End Effector	■	
■ Single Crimping Tool KS FrameLock C	■	
■ Cell Control by Robot Controller KRC	■	
■ Input Table and Exit Conveyor w/ Pivot Arm	■	
■ Safety Fence	■	
■ Single Milling Tool KS Chamfer M	■	
■ Vacuum Cleaner	■	
■ Double Milling Tool		■
■ Double Crimping Tool		■
■ Nut Runner System		■
■ KS FrameLock S		■
■ PLC Siemens S7		■
■ Vision System for Frame Check		■
■ KS Scan Frame		■

TECHNICAL DATA	
Crimping Force:	Up to 200 kg
Crimping Power:	Pneumatic
Module Size:	Variable
Cycle Time:	ca. 60 sec
Vision Check:	Gap Size Straightness Squareness
Foot Print:	5 m x 6 m
Price:	On Request



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.

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