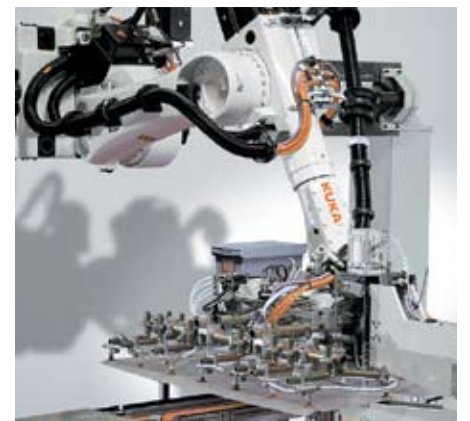


# KUKA

KUKA Energy Solutions

## KUKA ROBO SHEET



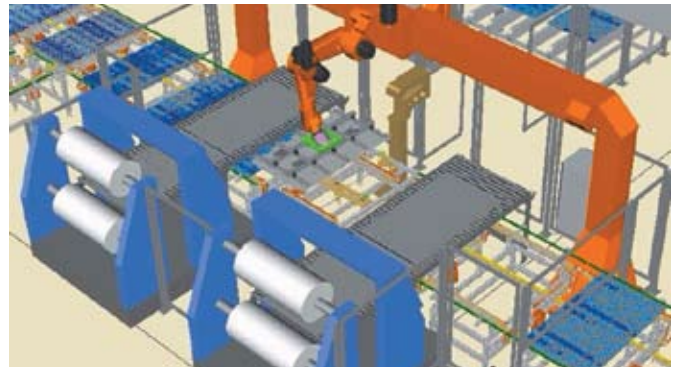
■ **KUKA ROBO SHEET**  
**AUTOMATIC FOIL LAYUP**

This cell provides the best solution for your requirements concerning cycle time and speed.

A design incorporating redundant sheet feeders ensures continuous operation, while the robot guarantees a high degree of precision and speed. Changing the orientation of the foil with the robot end effector allows flexible use of different roll sizes without cutting waste.

Different slot sizes and styles feasible.

Punching of holes and foil placement with a robot enables automatic threading as option.



LAYOUT EXAMPLE

COMPONENTS	BASIC SCOPE	OPTIONS
■ Robot JET-Series	■	
■ Linear Axis for Robot (Gantry)	■	
■ End effector	■	
■ Belt Conveyor w/ Centering Station	■	
■ Laser Edge Detection for Sheets	■	
■ Safety fence	■	
■ Cell Control by Robot Controller KRC	■	
■ PLC Siemens S7 or others		■
■ Slot Stamping (1 size/style) or (2)	■	■
■ Material Tracking		■
■ Foil Sheeter "Standard" (1) or (2)	■	■
■ Foil Sheeter "Quick Load"		■
■ Foil Sheeter "Redundant"		■
■ Inline Foil Sheeter		■

TECHNICAL DATA	
Positional Accuracy:	± 0.25 mm
Foil Size:	Width max. 1,700 mm
Roll Diameter / Weight:	Max. 650 mm / 500 kg
Cutting Tool:	Scissor Action
Cycle Time:	45 sec (2 sheets)
Foot Print:	Starting at 6.5 m x 7.5 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.

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

**KUKA Systems GmbH**

Bluecherstrasse 144 | 86165 Augsburg | Germany  
Tel. + 49 821 797-0 | Fax + 49 821 797-1991  
[info@kuka.de](mailto:info@kuka.de) | [www.kuka.com](http://www.kuka.com)

**International**

Benelux | Brazil | China | France | Germany | India | Mexico  
Norway | Russia | Slovakia | South Korea | Sweden | UK | USA

**KUKA**