



# green GLUING

## KUKA INTEGRATION KIT

Connects Robatech adhesive application systems to collaborative robots from KUKA

# AUTOMATE YOUR MANUAL GLUING PROCESS

Connect our adhesive application system to a collaborative robot via the integration kit and automate your manual gluing process. The Robatech integration kit for LBR iisy cobots from KUKA can be attached in just a few simple steps. It consists of a holder for the application head, holders for cable routing and for variable attachment of the heated hose to the cobot arm, as well as a balancer with screw clamp holder. The kit can be put together individually.

## Simple operation and integration

The settings for the adhesive application are made on the panel of the melter or remotely via the web-based RobaVis user interface on the customer panel. No software installation is required for integration.

## Proven adhesive application systems

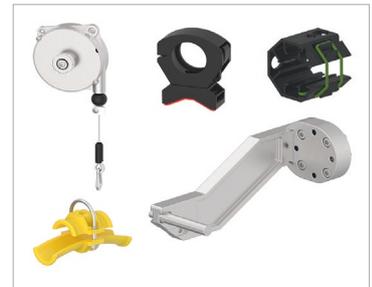
Robatech's adhesive application systems are modular in design and can be tailored to your application. The optional automatic filling system for melters ensures operator safety and extends adhesive refill intervals. In addition, rotary feed-throughs for heated hoses provide reliable protection against torsion.

## Cobots: collaborative robots

They support and relieve humans in monotonous, repetitive yet highly precise tasks. They do not require a safety guard and are easy to program. Thanks to their size and safe use, they work hand in hand with humans. Collaborative robots work absolutely reliably, with high precision and repeated accuracy.

## Your benefits

- Increases productivity through reliable adhesive application
- Increases adhesive application quality through precise and repeatable application
- Simple programming and control of the gluing process
- Reduces the probability of errors and costs compared to manual application
- Relieves staff and protects them from injury
- Simple integration with the Robatech integration kit



Holders of the integration kit



Compatibility with KUKA cobots LBR iisy, payload: 6-15 kg, radius 930-1300 mm

## TECHNICAL DATA

Compatibility	LBR iisy 6 R1300, LBR iisy 8 R930, LBR iisy 11 R1300, LBR iisy 15 R930
Air connection	6 bar

### Adhesive application system

Adhesives	EVA, PSA, PO, PUR, POR (depending on the melter)
Form of adhesive	Granulate / blocks / cushions
Adhesive melters	All Robatech melters
Web visualization	ONLY for adhesive melters with ICS Net control or RCS
Heated hoses	NW6 / NW8 / NW 13
Application heads	AX Diamond, SX Diamond, SX Longlife, SpeedStar Compact, Aero and Delta*
Operating temperature	20 to 200 °C
Adhesive viscosity	100 to 5,000 mPas; depending on the application up to 30,000 mPas possible

\* others on request



Operation at the panel of the melter or remote



Vision adhesive melter with KUKA cobot