



green GLUING

UR+ INTEGRATION KIT

Connects our adhesive application systems with Universal Robots collaborative robots

AUTOMATE YOUR MANUAL GLUING PROCESS

To use an adhesive application system with a collaborative robot, you need an integration kit that connects the two. The certified UR+ integration kit attaches in a few simple steps and includes:

- Holder for the application head
- Brackets for the heated hose on the robot arm
- Brackets for cable routing

GlueBot URCap Software

The GlueBot URCap software enables visualization of the adhesive application system on the cobot's touch panel. You can thus view the system status of the adhesive melter and directly adjust settings for the adhesive application system.

Proven Adhesive Application Systems

Robatech's adhesive application systems are modular. Whether adhesive or sealant, we will put together the right system for you. The optional automatic filling system for adhesive melters ensures operator safety and extends the adhesive refill intervals. In addition, rotary unions for heated hoses provide reliable protection against torsion and increase the service life of the hoses.

Cobots: Collaborating Robots

They support and relieve humans in monotonous, repetitive, and yet highly precise tasks. Cobots are smaller than industrial robots and do not require protective devices. They are easy to program and work safely hand in hand with humans. Collaborative robots perform their movements with absolute reliability, precision, and repeatability.

Your Advantages

- Increases productivity through reliable adhesive application
- Increases adhesive application quality through precise and repeatable execution
- Easy programming and control of the gluing process
- Reduces error susceptibility and costs compared to manual application
- Relieves personnel and protects them from injury
- Straightforward integration through certified GlueBot URCap software and UR+ Integration Kit



UR+ Integration Kit



Delta application head



GlueBot URCap Software



Cobot with adhesive application system and automatic filling

TECHNICAL DATA

Universal Robots

Compatibility	UR5, UR5e, UR10 (CB3.1), UR10e, UR16e
Software version	CB3- 3.9 , e-Series- 5.3
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
Gluebot URCap software	For Concept Diamond and Concept Stream melters (ICS-Net) only
Heated hoses	NW6 / NW8 / NW13
Application heads	AX Diamond, SX Diamond, SpeedStar Compact, 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