

UNIVERSAL ROBOT G-loader with UR5 Robot

G-loader 5 includes:

UR5 robot, controller, touchscreen control unit, and connecting cables

Software (GUI)

Table with storage space for the controller and a mounting point for the touchscreen

Product positioning system (incl. magazine for product carriers)

Gripper (incl. valve)

Air blow-off unit (incl. valve)

Compressed air treatment unit

Signal tower

Technical specifications UR5 robot:

Payload: 5 kg

6-axis control, absolute encoders

Operating radius from rotation point: 850 mm

Orientation working range: 720°

Repeatability: ± 0.1 mm

Linux platform

Robot weight: 18.9 kg

22 inputs / 20 outputs

15 advanced safety functions

TÜV certification

Power supply: 220V single-phase

Consumption: ± 200 W during normal operation.

Technical specifications Robotiq adaptive gripper (type 85)

Gripper opening: 0 to 84 mm

Max. payload: 5 kg

Gripping force: 10 to 200 N

Speed, force, and distance programmable

Internal or external gripping

Parallel or encompassing gripping