

## ADAPTIVE GRIPPERS



**2F-85**



**2F-140**



Machine Tending



Assembly



Pick & Place

### DESIGN

- Plug + Play kits for Universal Robots
- Wide range of applications
- Easy to customize

### INTEGRATE

- Fast installation
- Easy & powerful user interface
- Adjustable stroke, speed & force

### OPERATE

- Robust, factory-proven hardware
- High pinch force & payload
- Built-in part validation

**START PRODUCTION FASTER**



## TAKE FULL CONTROL

ADJUST THE GRIPPER'S POSITION, SPEED, AND FORCE FOR A PERFECT GRASP

DETECT IF A PART IS PICKED AND VALIDATE ITS DIMENSION

USE ANY ADAPTIVE GRIPPER WITH THE SAME EASY-TO-USE INTERFACE



## PLUG + PLAY KITS FOR UR

INSTALL HARDWARE EASILY, PROGRAM SOFTWARE QUICKLY - AND GET YOUR ROBOT TO WORK SOONER

| SPECIFICATIONS                  | 2F-85               | 2F-140         |
|---------------------------------|---------------------|----------------|
| Stroke (adjustable)             | 85 mm               | 140 mm         |
| Grip force (adjustable)         | 20 to 235 N         | 10 to 125 N    |
| Form-fit grip payload           | 5 kg                | 2.5 kg         |
| Friction grip payload           | 5 kg                | 2.5 kg         |
| Gripper mass                    | 0.9 kg              | 1 kg           |
| Position resolution (fingertip) | 0.4 mm              | 0.6 mm         |
| Closing speed (adjustable)      | 20 to 150 mm/s      | 30 to 250 mm/s |
| Communication protocol          | Modbus RTU (RS-485) |                |
| Ingress protection (IP) rating  | IP40                | IP40           |

\* All specifications provided for reference only. See user manual at [support.robotiq.com](https://support.robotiq.com) for official specifications.

## WHAT'S NEXT?

Get access to the Adaptive Grippers specifications at [support.robotiq.com](https://support.robotiq.com)

Chat with the Robotiq sales team:  
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Place your contact information here



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**robotiq.com**