

ADAPTIVE GRIPPERS



HAND-E



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	Hand-E	2F-85	2F-140
Stroke (adjustable)	50 mm	85 mm	140 mm
Grip force (adjustable)	20 to 130 N	20 to 235 N	10 to 125 N
Form-fit grip payload	5 kg	5 kg	2.5 kg
Friction grip payload	3 kg	5 kg	2.5 kg
Gripper mass	1 kg	0.9 kg	1 kg
Position resolution (fingertip)	0.2 mm	0.4 mm	0.6 mm
Closing speed (adjustable)	20 to 150 mm/s	20 to 150 mm/s	30 to 250 mm/s
Communication protocol	Modbus RTU (RS-485)		
Ingress protection (IP) rating	IP67	IP40	IP40

* All specifications provided for reference only. See user manual at support.robotiq.com for official specifications.

WHAT'S NEXT?

Get access to the Adaptive Grippers specifications at support.robotiq.com

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



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robotiq.com