

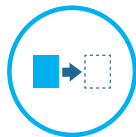


HAND-E
ADAPTATIVE GRIPPER



**THE GRIPPER
FOR COLLABORATIVE
ROBOTS**

- Plug + Play and easy to program
- Ideal for precision assembly tasks
- Ergonomic shape for hand-guiding
- Built for industrial applications and harsh environments
- Automatic part detection, position feedback, and part validation



Pick & Place



Assembly



Machine Tending



Quality Testing

UP TO
4.7 KG
PAYLOAD

IP67
RATING

5,000,000
CYCLES WARRANTY*

*Excludes fingertips

**START
PRODUCTION
FASTER**

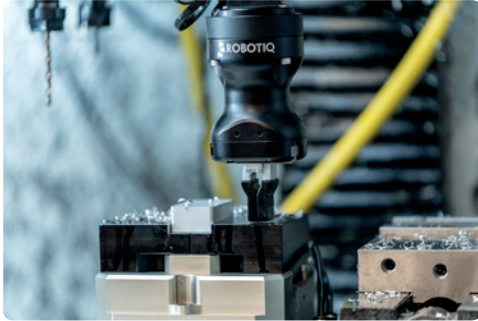


Extenders sold separately

TAKE FULL CONTROL

50-MM STROKE GRIPPER IS SUITED TO COLLABORATIVE ROBOTS

ADAPT THE HAND-E TO YOUR PARTS WITH ACCESSORIES OR CUSTOM FINGERTIPS



Force Copilot sold separately

UNLOCK FULL POTENTIAL WITH FORCE COPILOT

PATH RECORDING NODE

INSERTION NODE

FIND SURFACE NODE

FORCE CONTROL NODE

SPECIFICATIONS

HAND-E

| | | |
|---------------------------------|---------------------|-----------------|
| Stroke (adjustable) | 50 mm | 2 in |
| Grip force (adjustable) | 20 to 185 N | 4.5 to 41 lbf |
| Form-fit grip payload | 5 kg | 11 lbs |
| Friction grip payload* | 4,7 kg | 8.8 lbs |
| Gripper mass | 1 kg | 2 lbs |
| Position resolution (fingertip) | 0.2 mm | |
| Closing speed (adjustable) | 20 to 150 mm/s | 0.8 to 5.9 in/s |
| Communication protocol | Modbus RTU (RS-485) | |
| Ingress protection (IP) rating | IP67 | |

* Calculated for the use of silicon covered fingertips to grip a steel object, at a low robot acceleration.

** 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:
iss@robotiq.com
 1-888-ROBOTIQ

Place your contact information here



Updated May 2020
robotiq.com