

ADAPTIVE GRIPPERS



2F-85



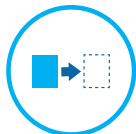
2F-140



Machine Tending



Assembly



Pick & Place

EASY TO USE:

- Simple programming with adjustable stroke, speed, and force
- Unified interface for all grippers
- Direct programming from the cobot device

HIGHLY ADAPTABLE:

- Customizable fingertips for optimal object handling
- Dual-gripper setup reduces cycle time
- Supports encompassing and pinch grips

QUICK TO DEPLOY:

- Plug & play integration
- Safe, ergonomic, and cost-effective design
- Production-ready out of the box

RELIABLE PERFORMANCE:

- Durable, proven hardware
- Strong grip force and payload capacity
- Built-in part detection for grasp confirmation

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	

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

WHAT'S NEXT?

The 2F-85 and 2F-140 grippers are Plug & Play with the following cobot brands:



Our grippers also work with all robots through industrial communication protocols.

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