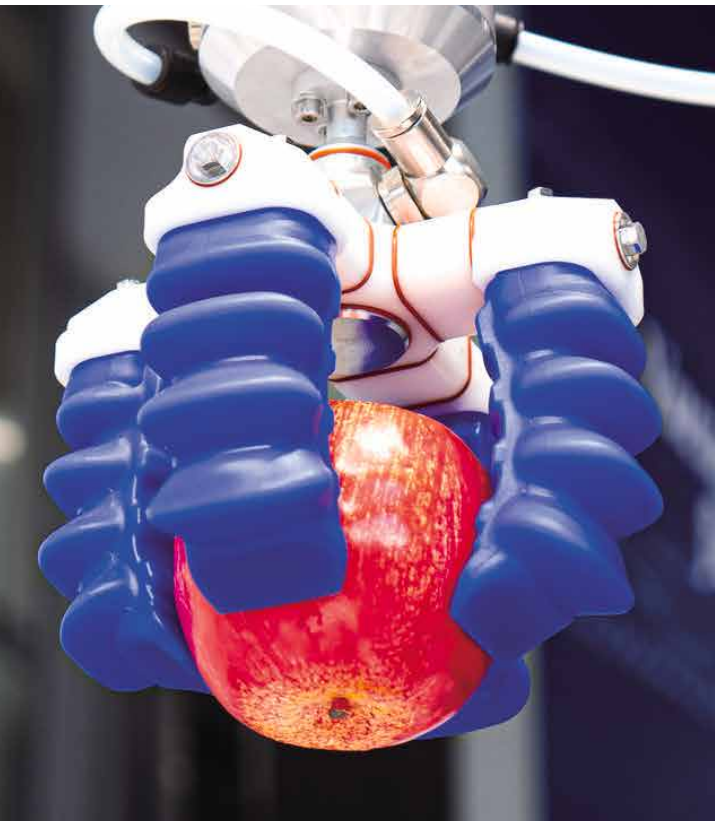


mGrip™



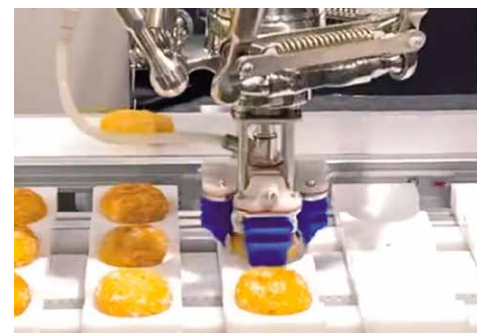
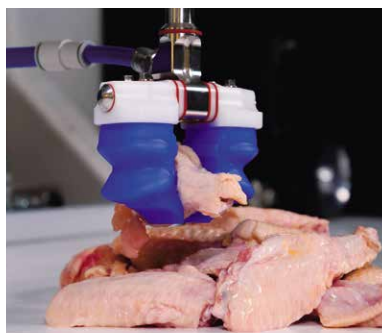
FEATURES

mGrip, Soft Gripper (J. Schmalz GmbH), is a robot gripper with flexible rubber fingers that can be opened and closed by air pressure.

- *mGrip* enables grasping items of various sizes, shapes and weights with human hand-like dexterity.
- *mGrip* meets the requirements for food contact under FDA 21 CFR and EC1935/2004, and complies with the Food Sanitation Act in Japan. It can handle food sanitarily.
- *mGrip* allows for free configuration of finger arrangement, number, and length by a modular structure.
- *mGrip* is controlled by a dedicated air controller, SRCU-Mini-P.
- *mGrip*'s gripping force and finger opening and closing amount can be easily operated and set from the FANUC Robot Controller.

mGrip™ is a trademark of J. Schmalz GmbH.

Application Examples



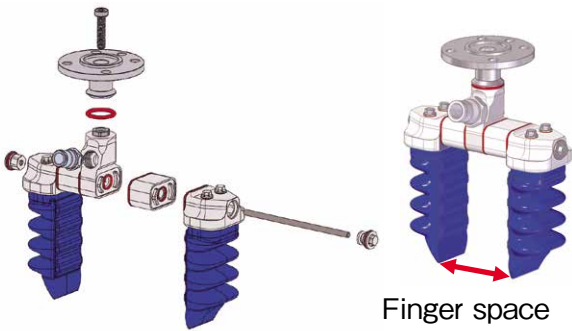
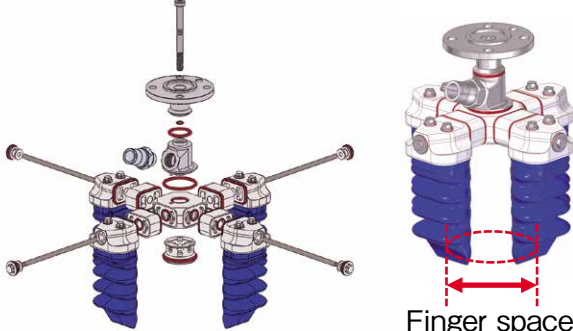






Food Handling



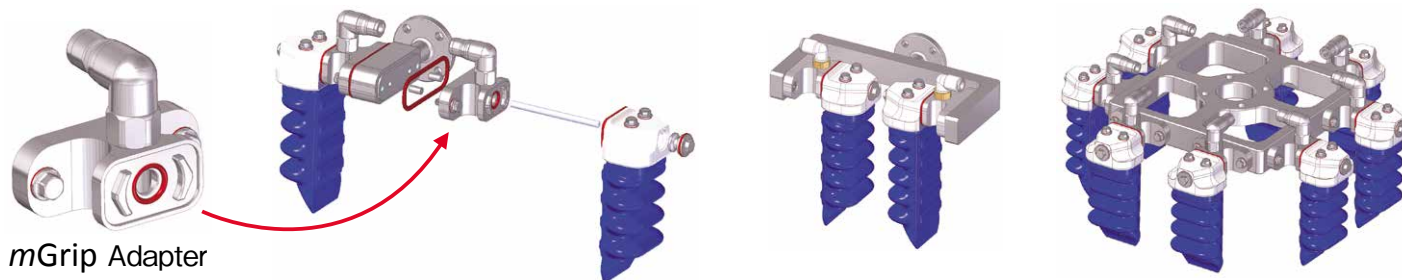
Various Workpieces Handling

mGrip Modular Gripping System Configuration

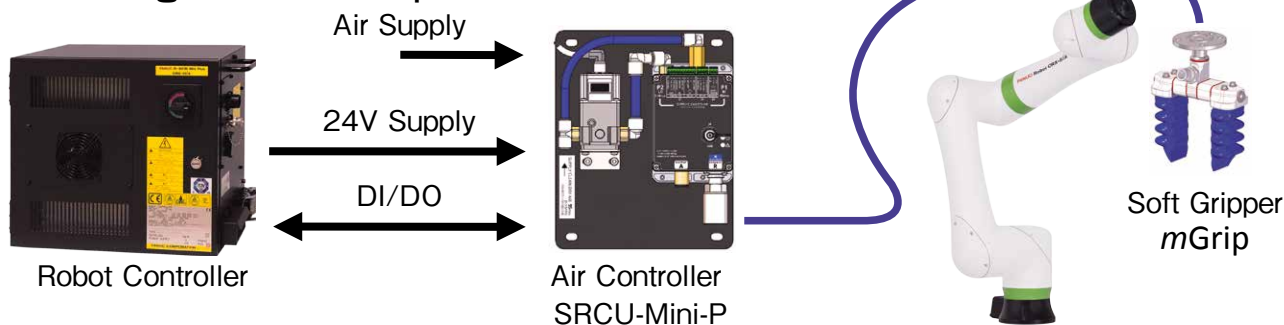
The number of fingers, finger length and the space between fingers can be changed by a modular structure.

	Parallel type			Circular type		
						
Number of fingers	2 fingers	4 fingers	6 fingers	4 fingers	5 fingers	6 fingers
Overview						
Finger space	20 to 100mm			φ 45 to φ 125mm	φ 55 to φ 135mm	φ 65 to φ 145mm

mGrip adapter and the gripper base part designed by the customer can be combined to arrange fingers even more freely.



System Configuration Example



Air controller SRCU-Mini-P Specifications Overview	
IP Rating	IP40
Dimensions (W x D x H)	27×22×9cm
Weight	3.0kg
Air Supply	0.64±0.05 Mpa
Input Electrical Power	24VDC±10% @0.5A MAX

Soft Gripper mGrip Specifications Overview	
IP Rating	IP69K
Payload	Max. 1 to 10kg (It depends on shape and surface condition of workpieces, number of fingers and gripping force setting.)

FANUC CORPORATION

Overseas Affiliated Companies

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