

# mGrip™



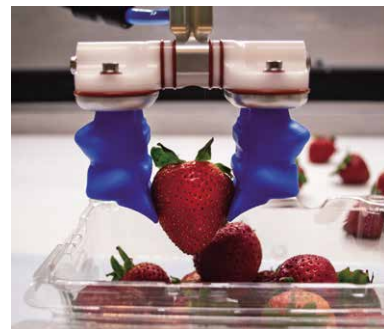
mGrip™ is a trademark and product of Soft Robotics Inc.

## FEATURES

mGrip, Soft Gripper (Soft Robotics Inc.), is a robot gripper using flexible rubber fingers which can be made open and close by air.

- mGrip enables to grasp a various size, shape and weight with human hand-like dexterity.
- mGrip meets the requirements for food contact under FDA 21 CFR and EC 1935/2004, and complies with Food Sanitation Act in Japan. It can handle food sanitarly.
- mGrip has 2 types : Parallel type and Circular type. mGrip can change the number of fingers, finger length and the space between fingers by a modular structure.
- Gripping force and opening amount can be adjusted precisely by dedicated air controller, SRCU-Mini-P.
- mGrip can be easily operated and made setting from FANUC Robot Controller.

## Application Examples



Food Handling



Various Workpieces Handling

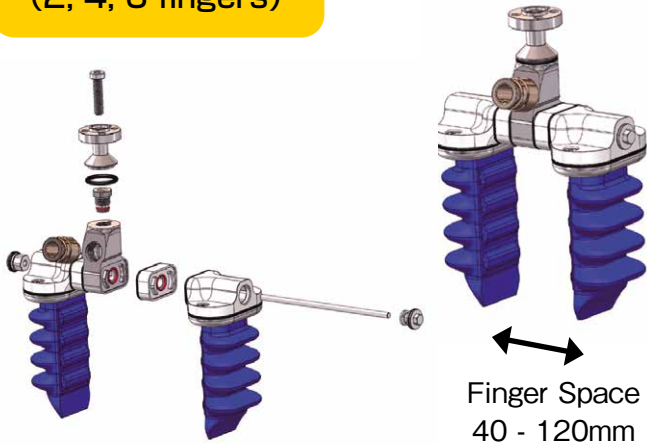


Bin Picking

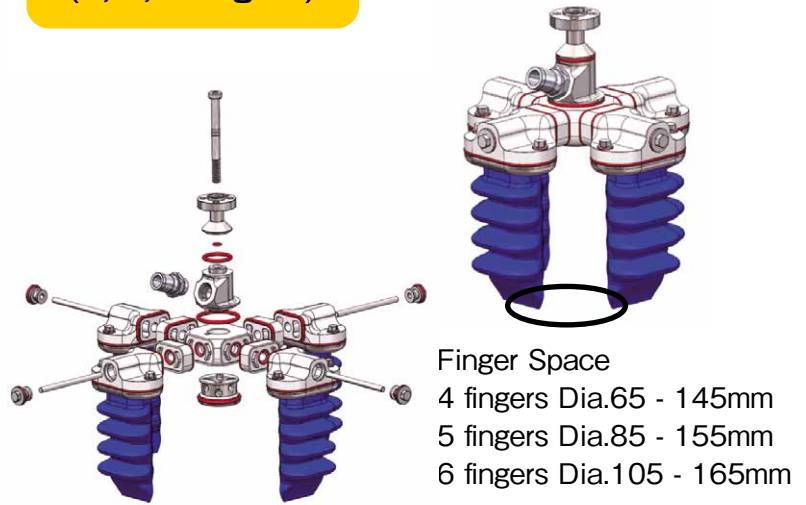
# mGrip Modular Gripping System Configuration

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

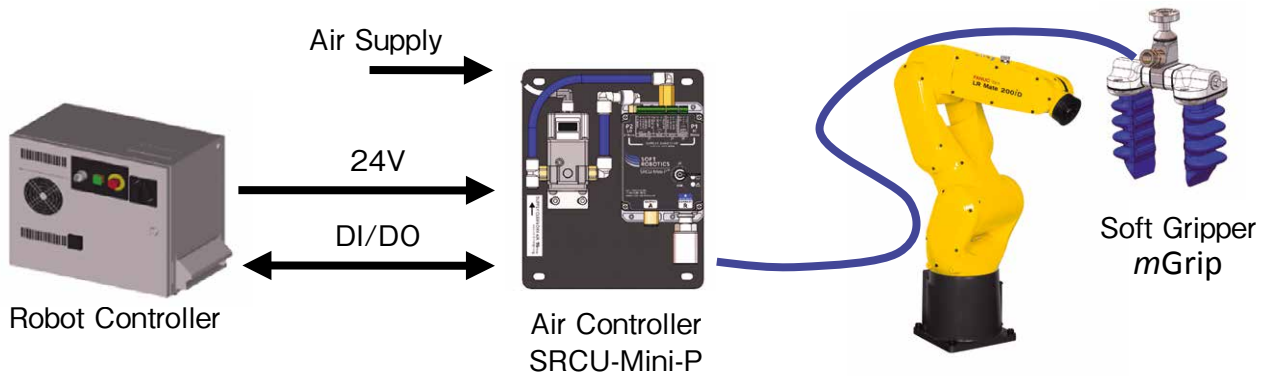
## Parallel Type (2, 4, 6 fingers)



## Circular Type (4, 5, 6 fingers)



## System Configuration Example



## Air Controller Specifications

Product	SRCU-Mini-P
IP Rating	IP40
Dimensions (W x D x H)	27x22x9 cm
Weight	3.0kg
Input Air Pressure	0.64Mpa (Recommended) 0.59~0.69Mpa
Input Electrical Power	24VDC±10% @0.5A MAX

## Soft Gripper Specifications

Product	mGrip Parallel Type			mGrip Circular Type		
	2 fingers	4 fingers	6 fingers	4 fingers	5 fingers	6 fingers
Type						
Max. Load	1 - 2kg (It depends on shape and surface condition of workpieces and gripping force setting.)					
IP Rating	IP67					
Outward View						

Note) Industrial or Food type can be selected.

Note) "mGrip Kit" which includes all components to make up each type of mGrip is also available.

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