



Large Type **TRX-L**

Compact Type **TRX-S**

Features 1 Human hand shaped three finger linkage system

Human hand design allows one to grasp objects of various size and shape. The shape looks like a human hand, so you can intuitively understand how it grasps the object.

Features 2 All-in-one

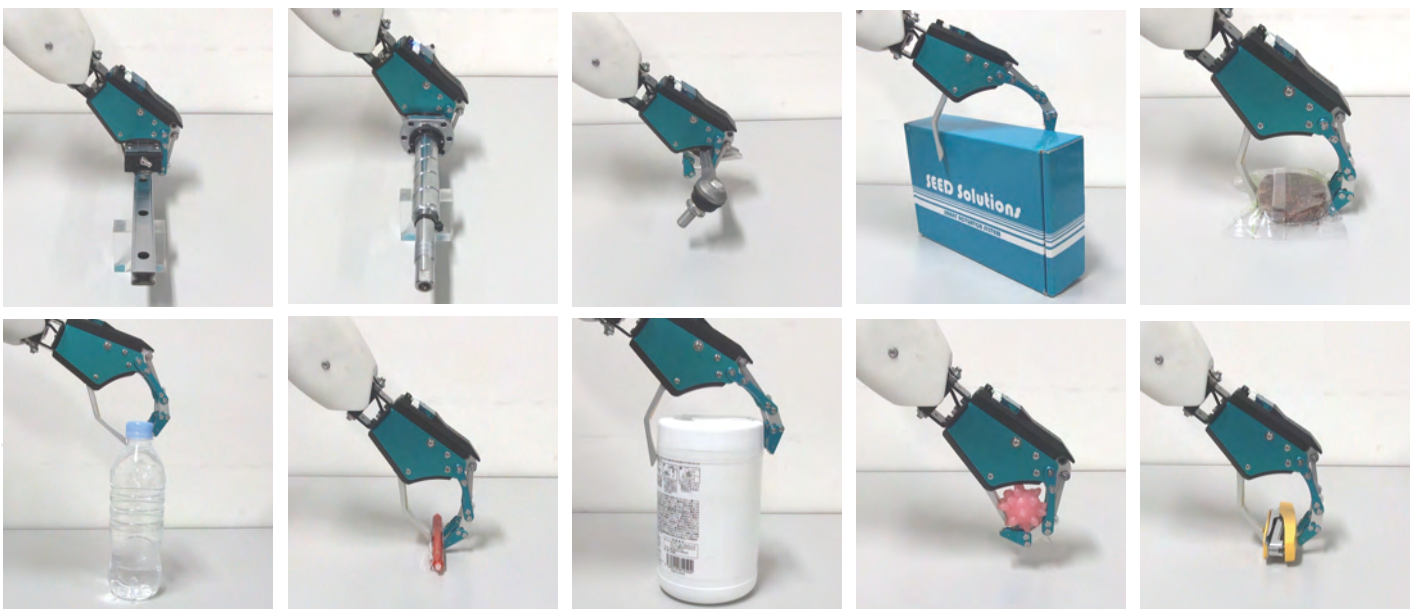
It contributes to space saving by integrating fingers, actuator, and the driver controller.

Features 3 Lightweight

A compact type TRX-S achieves weight of 320g. Making a robot hand lighter allows a heavier object to be transferred when used on a robot arm.

Model No.	TRX-S	TRX-L
Maximum gripping diameter [mm]	100	150
Maximum pinching force [N]	10	40
Maximum gripping force [N] *	40	150
Weight [g]	320	1200
Power supply voltage [V]	24	

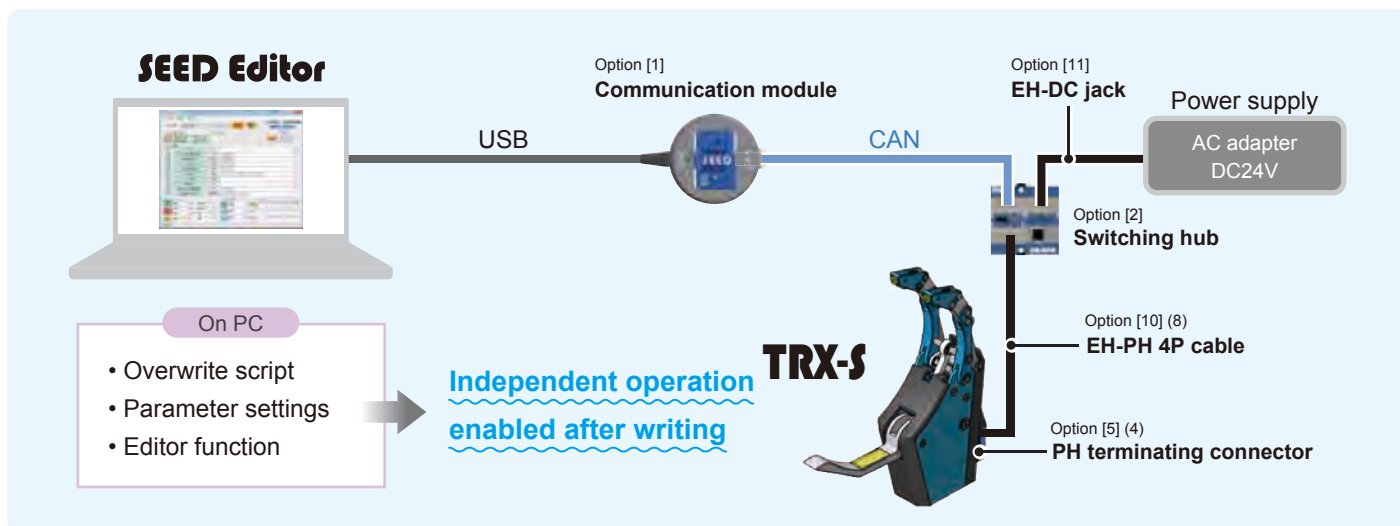
■ Example of gripping / pinching Operation



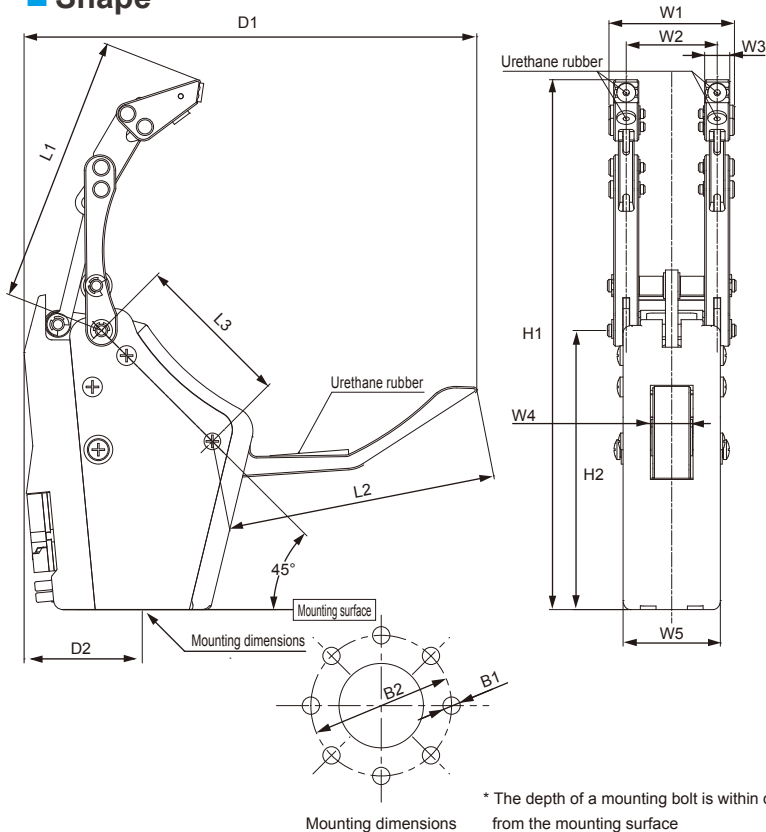
* The gripping force may decrease depending on object size.

Basic Configuration

* See SEED + Picrel catalog for SEED Editor, model configuration of options, and other connectivity examples.
 * A number within () indicates an option required for TRX-L.



Shape



Dimensions [mm]	TRX-S	TRX-L
W1	40	66
W2	29	47
W3	8	16
W4	12	18
W5	31	50
D1	145	226
D2	38	60.5
H1	169	244
H2	89	122.5
L1	86	129
L2	86	129
L3	50	75
B1	8-M3	8-M4
B2	20	30
B3	3	4

- Read the manual carefully, understand the contents well, and strictly observe the safety precautions and installation/operation environment.
- When storing the unit, enclose it in a package designated by THK and store it in a horizontal orientation in a place with power off and without condensation while avoiding high temperature, low temperature and high humidity.
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