

Tools at hand only when needed

### Specification

Model	PB3	PB4	PB5	PB7
Capacity	1.5-3.0kg	2.5-4.0kg	3.5-5.0kg	5.0-7.0kg
Stroke	1.2m	1.2m	1.2m	1.2m
Mass	4.2kg	4.3kg	4.4kg	4.5kg
Downward Position Range Settings	0.3m~0.9m			
Downward Speed	Low speed : 0.2~0.3m/s High Speed : 0.3~0.5m/s			
Upward Speed	0.2~0.3m/s			
Electric Source	DC24V			
Maximum Power Consumption	56W			

It does not allow automatic operation in lifting upward and downward if there is empty loading or the balance is not adjusted.

### Input

	Model	Manufacturer
Adaptive Plug (Provided by user)	PRC03-12A10-3AM10.5	Tajimi Electronics Co., Ltd.
Input Connector	PRC03-23A10-3AF	

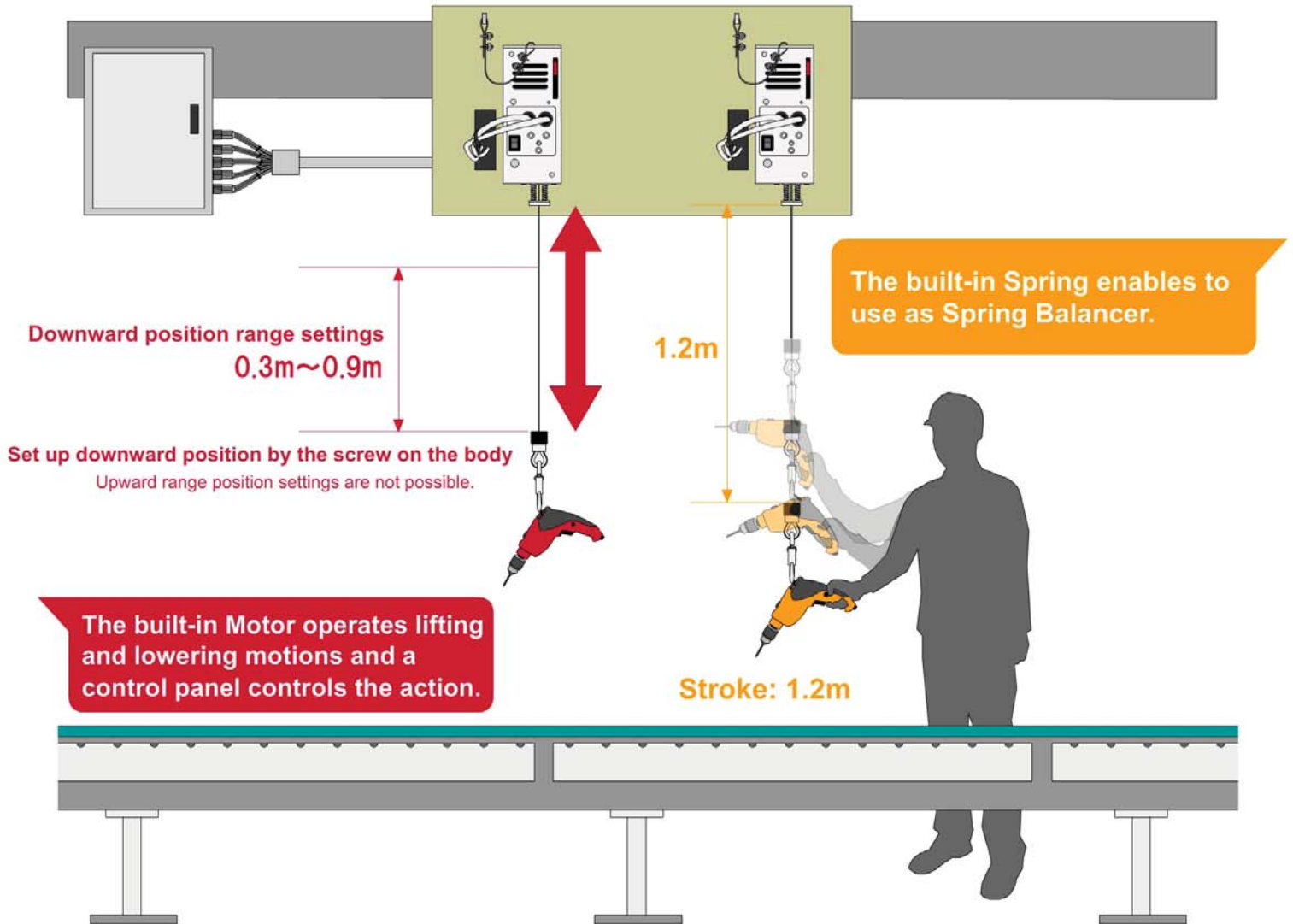
### Output

	Model	Manufacturer
Adaptive Plug (Provided by user)	PRC03-12A10-4F10.5	Tajimi Electronics Co., Ltd.
Output Connector	PRC03-23A10-4M	



Top Hook available as an option.

# Automatic Lifting by Motor + Balancing Function by Spring



## Spring Balancer + Stepping Motor

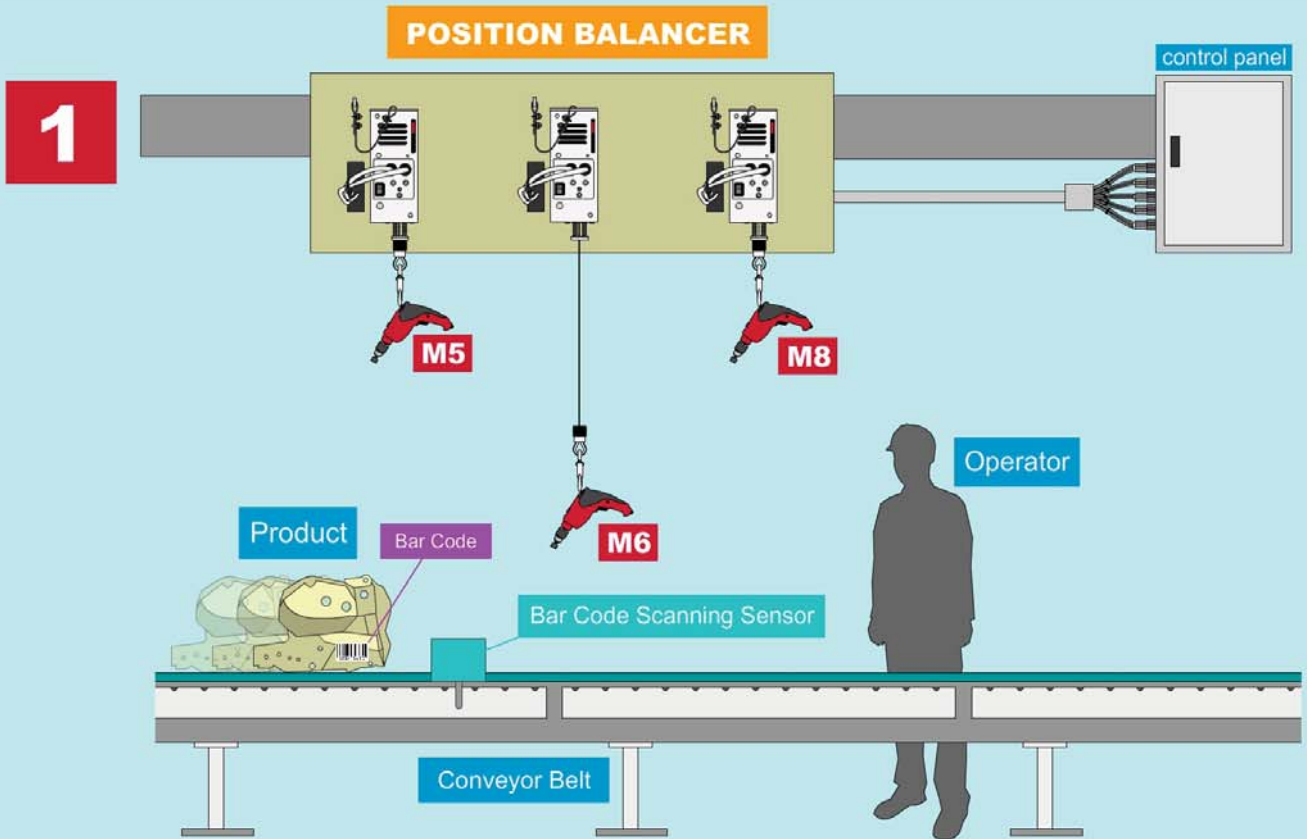
- The combination of Spring Balancer and Stepping Motor enables to lower the suspended tool at any position then the tool can be used as if suspended on Spring Balancer.
- Setting up the downward position of the tool or jig will provide Poka-Yoke.
- Shortening the tact time by the automatic lifting and lowering motions which will be set with peripheral equipment.
- Number of Position Balancers can be controlled automatically by the customers through control programming.

## Features

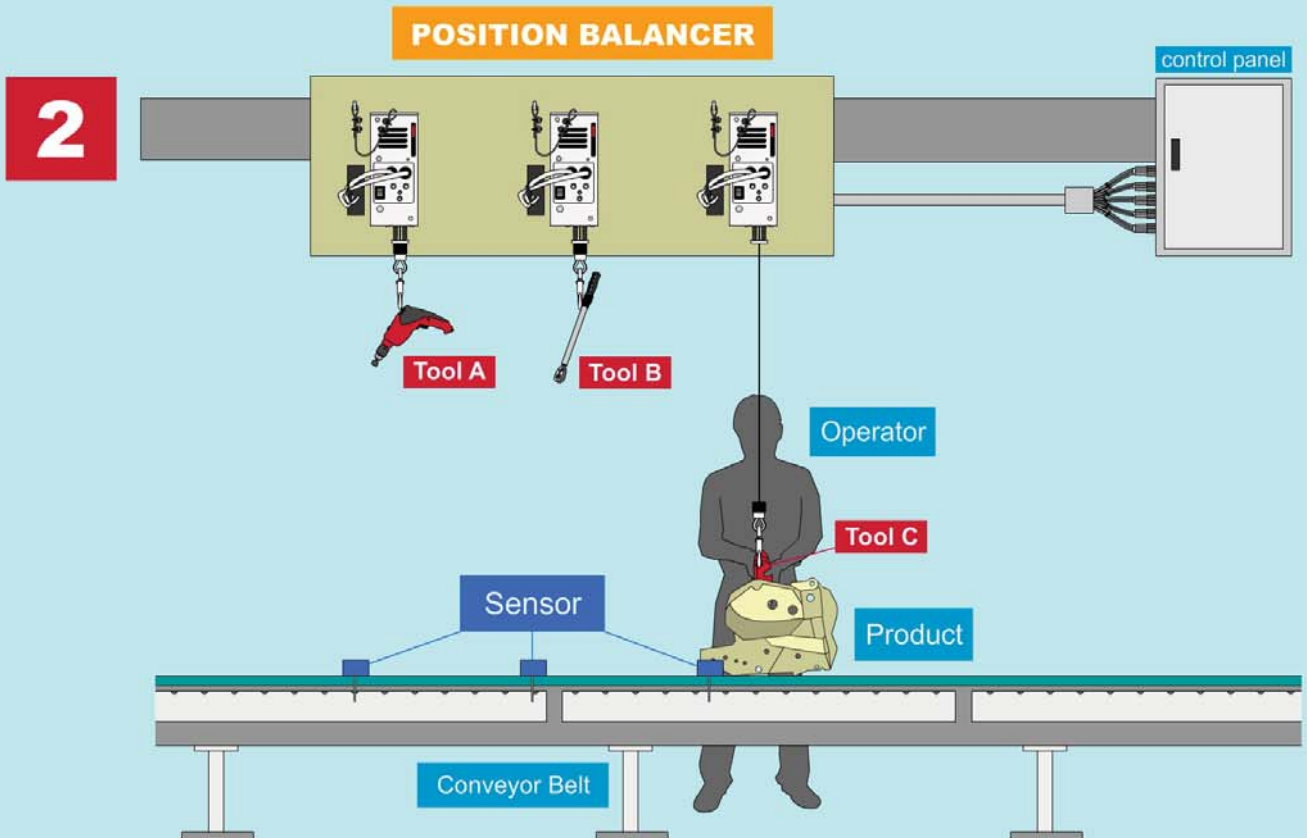
- Downward position of the tool can be set freely by the Position Setting.
- Controlling the upward and downward timing of the tool can be set by external signals or the push buttons on the pendant switch.
- Spring and Motor combined operations provide most suitable operations.
- Easy tension adjustment.



For assembly shops of engine and transmission

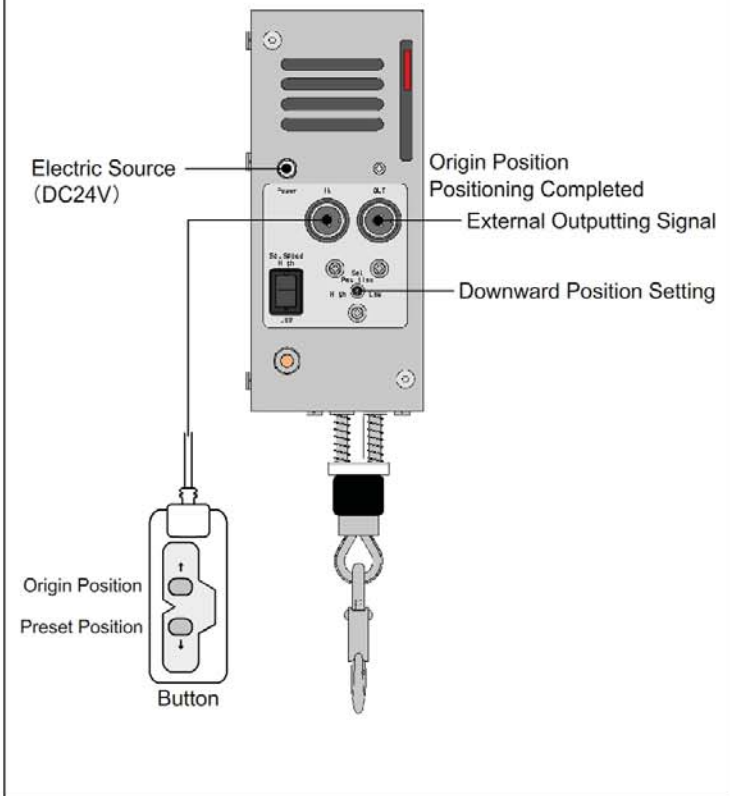


The programmed control panel activates the sensor to read the barcode on the product then the tool with the suitable bit comes down.



Depending on the situations, the sensor reads the bar code and may stop or pass the product and the next sensor stops the product.

**System Chart**



**Standard Accessories**



Pendant Switch  
Code Length: Approx. 1.7m



Support Hanger

**Optional Parts**

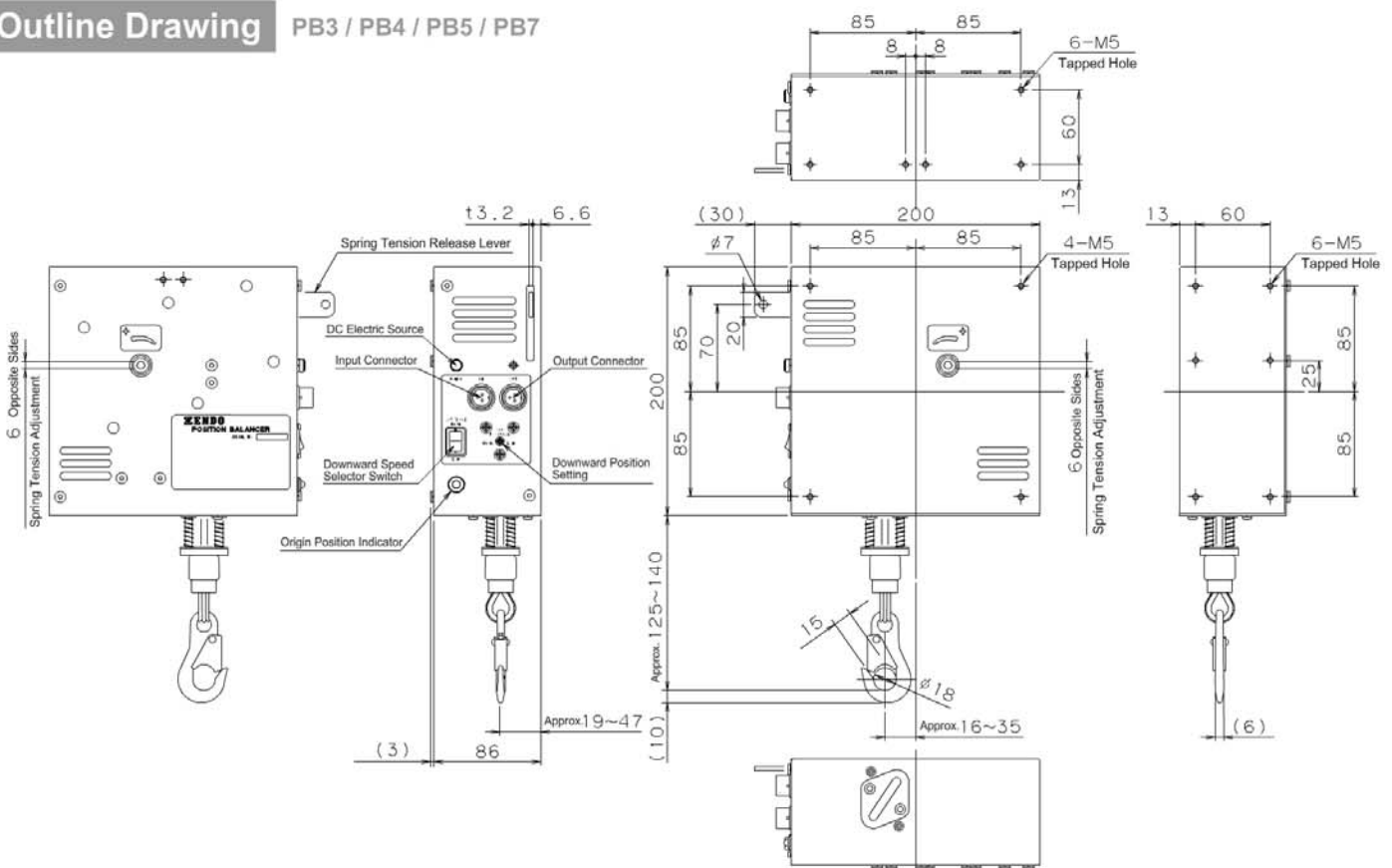


Top Hook



AC Adapter

**Outline Drawing** PB3 / PB4 / PB5 / PB7



Use the tapped holes for the Support Hanger.