



Spring Balancer

Instruction Manual

Applicable Models: AT-SB12, AT-SB20, AT-SB30

- *Thank you* for purchasing the CHP Assembly Tool. In order to ensure maximum performance and product life, **please read this manual before operating your Balancer.**

Declaration of Conformity (CE)

We, American Hakko Products, Inc., hereby declare that the products described in this manual are in conformity with the following Directive(s)/Standardization document(s):

Machinery Directive 2006/42/EC

Product Information

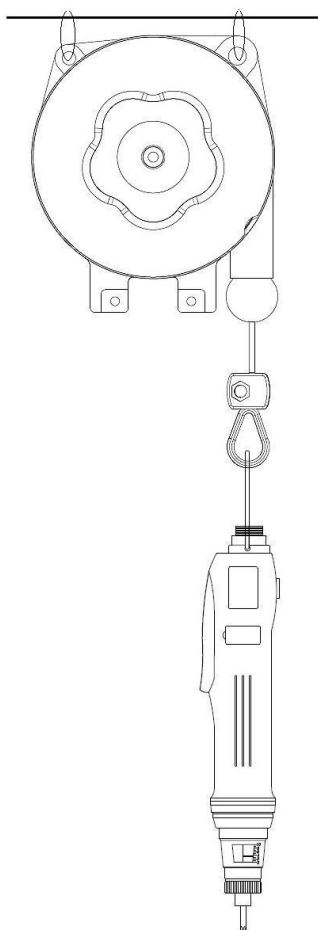
This product has passed SGS Clean room Class-10 test.

▪ Packing List:

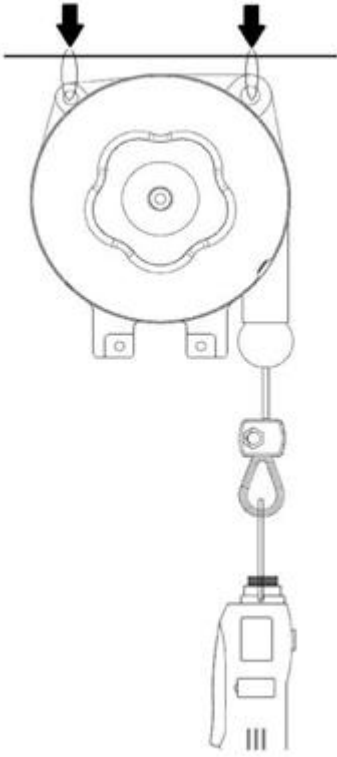
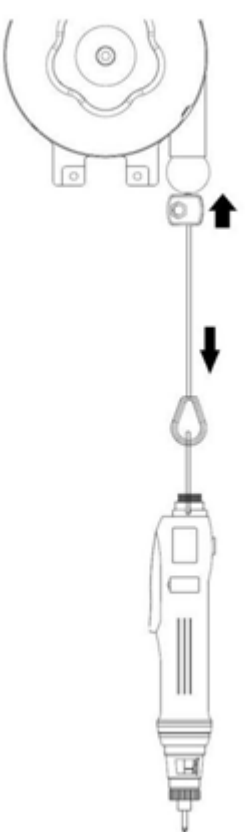
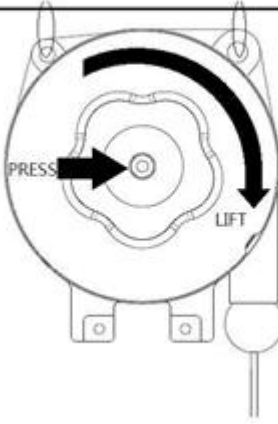
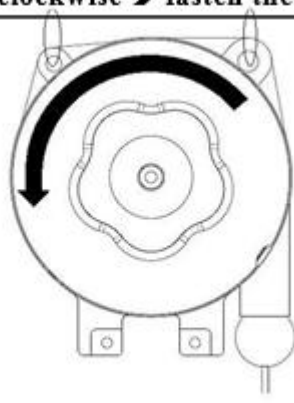
- Spring Balancer
- Fixing plate for CHP power supplies
- Screws: M4(2), M3(2)

▪ Specification

Model	Load		Extend L.
	kgs	lbs	
AT-SB12	0.5-1.2	1.1-2.6	1.6 m
AT-SB20	1.0-2.0	2.2-4.4	1.6 m
AT-SB30	2.0-3.0	4.4-6.6	1.6 m



Initial Setup

1. Please secure the spring balancer above the working stand with its two rings	2. Loosen the screws of locking ring and adjust the proper distance between screwdriver and the work piece (about 10 cm).	3. After adjusting the cord to a proper position, push the ring to the top plastic ball and fasten the screw.
		
4. Press the center of balancer and lift up the rotator to adjust the tensile level:	5. Adjust the tensile level as illustrated below:	
Clockwise → release the cord. 	Counter-clockwise → fasten the cord. 	

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