



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

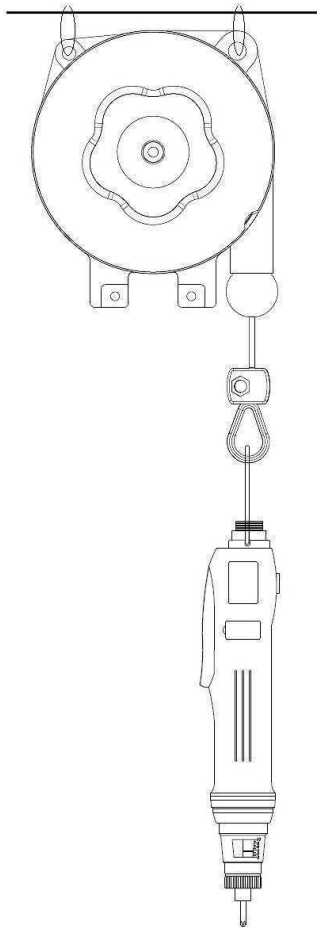
This product has passed SGS Clean room Class-10 test.

▪ Packing List:

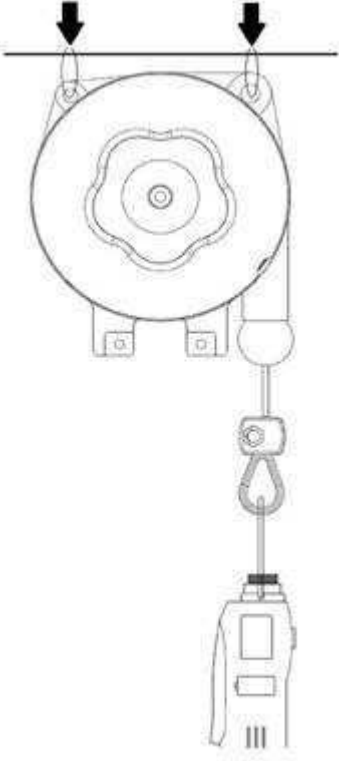
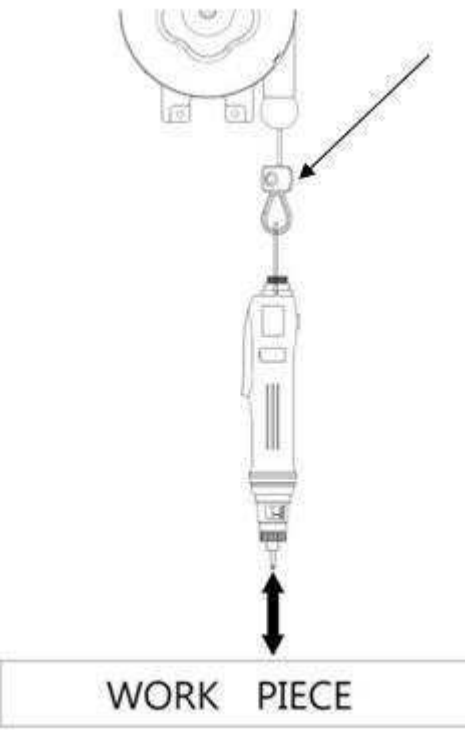
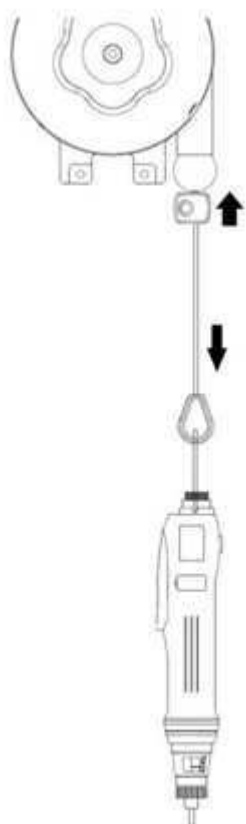
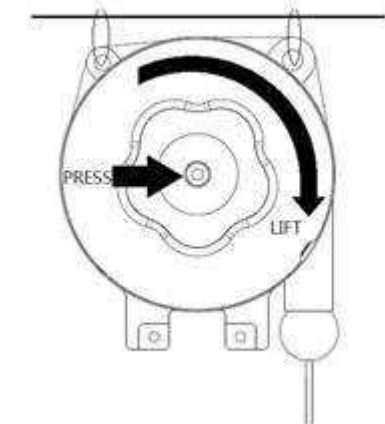
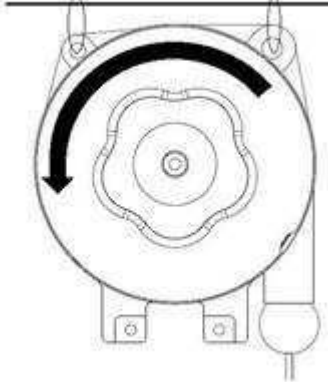
- Spring Balancer
- Fixing plate for CHP power supplies
- Screws: M4(2), M3(2)

▪ 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

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

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