

EVERWIN

CB3-5 / CB5-7 CB5-9 / CB9-15

Counter Balancer Hanger



OPERATIONS and MAINTAINANCE MANUAL

⚠ WARNING:

BEFORE OPERATING THIS DEVICE, ALL OPERATORS SHOULD READ AND STUDY THIS MANUAL TO UNDERSTAND AND FOLLOW THE SAFETY WARNINGS AND INSTRUCTIONS. KEEP THESE INSTRUCTIONS WITH THE DEVICE FOR FUTURE REFERENCE.

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CE DECLARATION OF CONFORMITY

| | |
|---|------------|
| CE Declaration of conformity | ENGLISH |
| EVERWIN PNEUMATIC CORP. declares that the product as described in attached documentation is in conformity with the Machinery Directive 2006/42/EC and the European standard EN 792-13 . | |
| CE Dichiarazione di conformità | ITALIANO |
| EVERWIN PNEUMATIC CORP. dichiara, assumendo la piena responsabilità, che questa fissatrice è conforme alla Direttive Europee 2006/42/EC e alla norma armonizzata EN 792-13 . | |
| CE Konformitätserklärung | DEUTSCH |
| EVERWIN PNEUMATIC CORP. erklärt hiermit in alleiniger Verantwortung das dieses Gerät übereinstimmt mit den Europäischen Richtlinien 2006/42/EC und den Europäischen Norm EN 792-13 . | |
| CE Déclaration de conformité | FRANCAIS |
| EVERWIN PNEUMATIC CORP. déclare et prend sur soi toute la responsabilité de cette déclaration, que le produit est en conformité avec les Directives Européennes 2006/42/EC et avec la norme harmonisée EN 792-13 . | |
| CE konformiteitsverklaring | NEDERLANDS |
| EVERWIN PNEUMATIC CORP. verklaart hierbij onder eigen verant woordelijkheid dat deze machine in overeenstemming is met de Europese Richtlijnen 2006/42/EC en de Europese norm EN 792-13 . | |
| CE Declaracion de conformidad | ESPAGNOL |
| EVERWIN PNEUMATIC CORP. declaramos bajo nuestra sola responsabilidad que este producto esta en conformidad con las Directivas Europeas 2006/42/EC y con la normativa EN 792-13 . | |
| Overensstemmelseserklæring / CE Deklaration | DANSK |
| EVERWIN PNEUMATIC CORP. erklærer herved, at produktet er i overensstemmelse med nedenstående normer eller normative dokumenter 2006/42/EC i henhold til bestemmelserne i EU's direktiv EN 792-13 . | |
| Överstämmeelseförklaring / CE Deklaration | SVENSK |
| EVERWIN PNEUMATIC CORP. förklarar härmed att produkten överensstämmer med följande normer och direktiv 2006/42/EC och SS-EN 792-13 . | |
| SAMSVARSERKLÆRING / CE Deklaration | NORSK |
| EVERWIN PNEUMATIC CORP. erklærer herved att produktet er i samsvar med følgende normer og direktiv 2006/42 EC og NS-EN 792-13 . | |
| Todistus CE standardinmukaisuudesta | FINSK |
| EVERWIN PNEUMATIC CORP. vakuuttaa täten tuotteen vastaavan seuraavla standardeja ja direktiivejä: 2006/42/EC ja EN 792-13 . | |
| Deklaracja zgodności CE | POLSKIE |
| EVERWIN PNEUMATIC CORP. oświadcza, że produkty opisane w załączonej dokumentacji spełniają wymogi Dyrektywy Maszynowej 2006/42/EC oraz Europejskiej normy EN 792-13 . | |

Machine Type: CB3-5, CB5-7, CB5-9, CB9-15

Machine Name: Counter Balancer Hanger

Place of Issue: No. 7, Wugong 7th Rd., Wufeng Dist., Taichung City 41353, Taiwan.

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Signature of Issuer: _____



Hung-Ming Chuang

General Manager

SAFETY INSTRUCTIONS

| | | |
|---------------|-------|--------|
| Models | CB3-5 | CB5-7 |
| | CB5-9 | CB9-15 |



Do not fasten the hanger.



Always attach a secondary support cable or chain.

**When the spring breaks, the safe pin pops out from the spring case and collides with one of the pins to drop the drum from rotating.
(CB5-9 & CB9-15)**

Turn clockwise (↻) for increasing the spring tension by allen key.



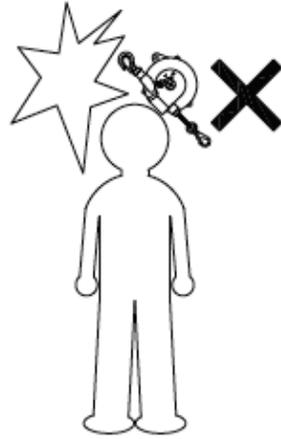
Turn about 1.0 cm counterclockwise (↺) to decrease the spring tension. (keep the hex and turn slowly, don't adjust under its capacity)

Bottom Hook

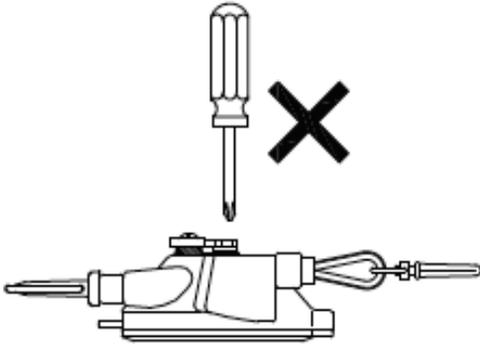
SAFETY INSTRUCTIONS



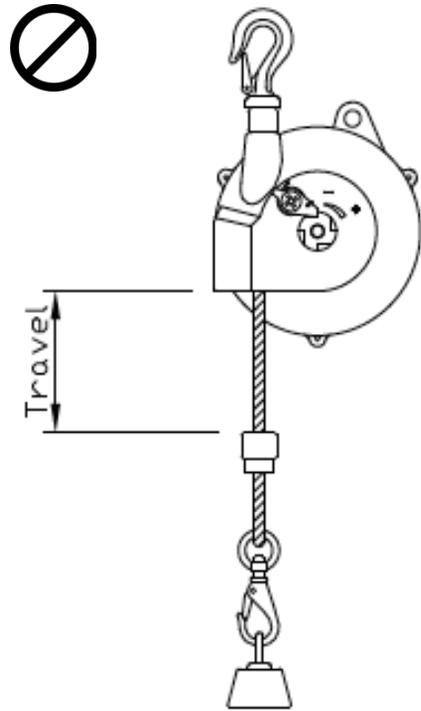
To avoid severe personal injury or property damage, **READ** and **STUDY** this manual before use of tool.



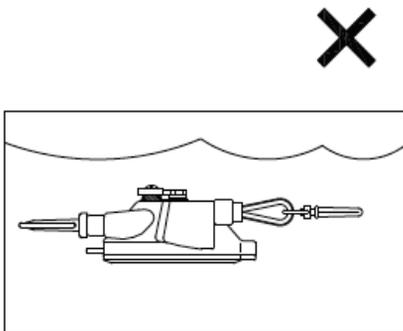
Never stand under the counter balancer hanger.



Do not disassemble or modify the product.

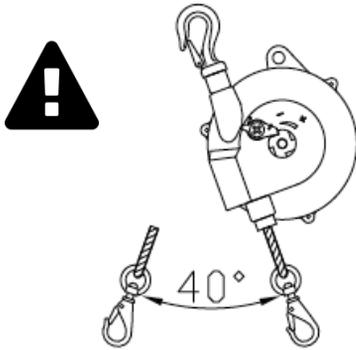


Do not twist and rub the cordage with cable during travel. Do not load over the stated capacity.



Avoid contact with fluids at all times.

SAFETY INSTRUCTIONS



The use through overly big angles will reduce lifespan of rope.

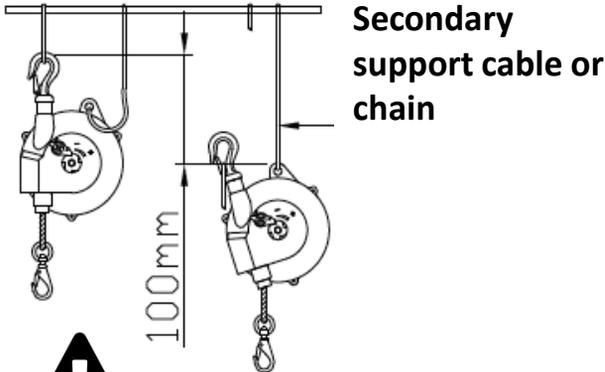
Recommended range of angle: $\pm 20^\circ$



Detach tool while removing the counter balancer hanger to prevent the device from dropping.



Make sure to detach counter balancer hanger and tool when not in use.



Leave some slack in the secondary support cable or chain to allow the hanger to rotate freely. The slack must be a suitable length so that the hanger will stop within 10 cm when falling by accident.



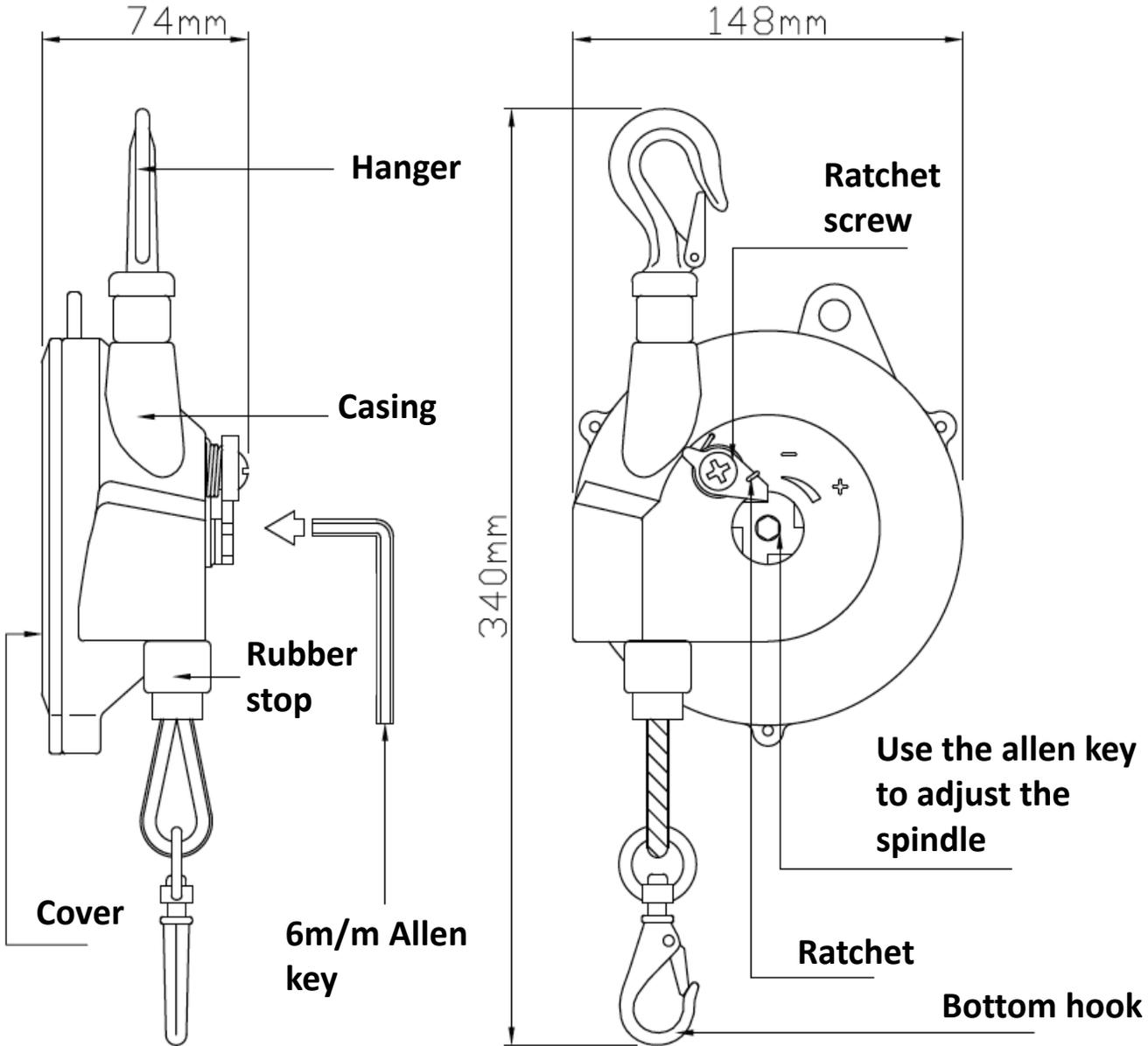
Make sure to remove the counter balancer hanger and tool before setting up tension.



Application area: Indoors and outdoors with normal atmospheric conditions.

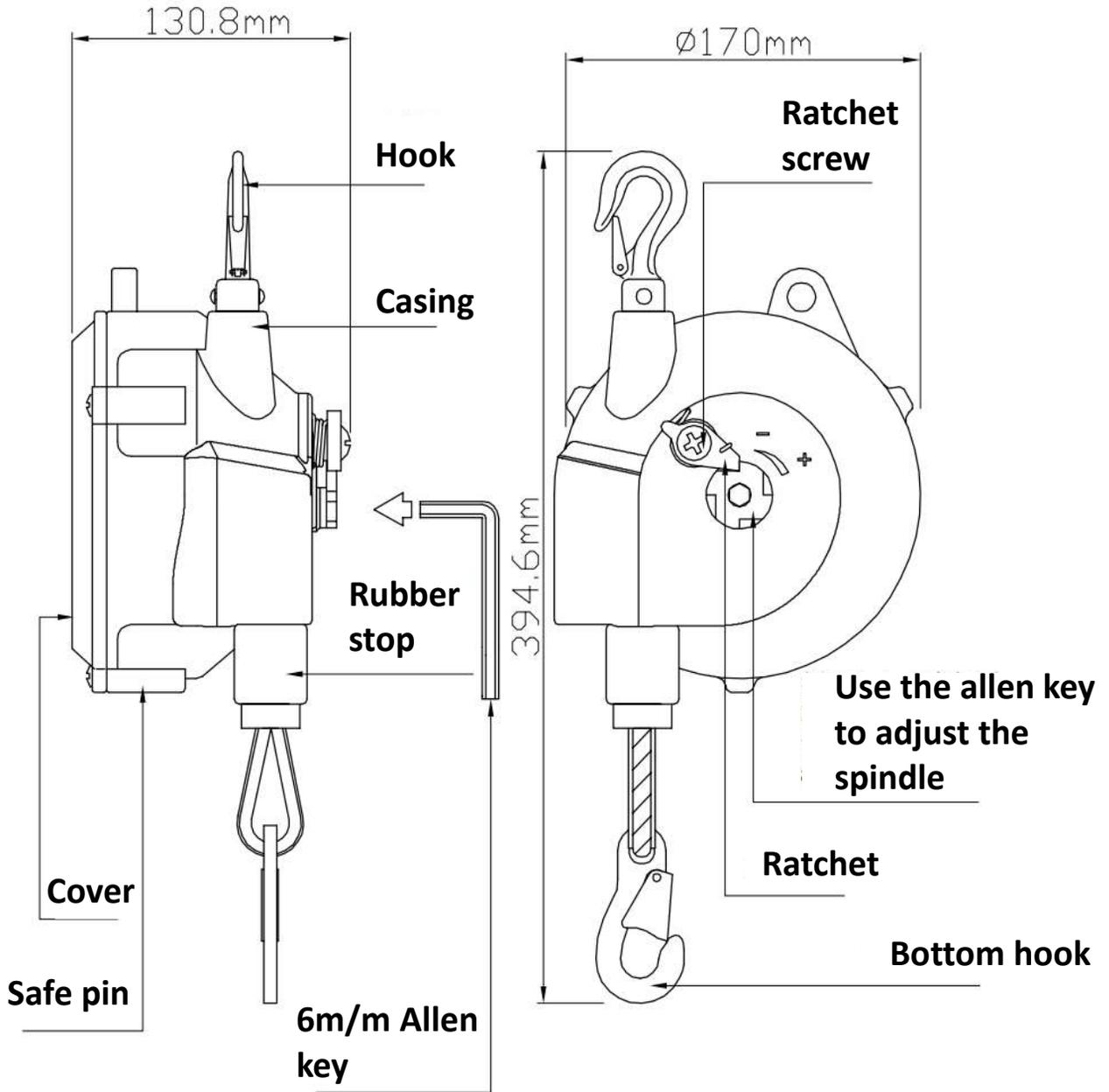
Temperature range: $-10^\circ\text{C} \sim +40^\circ\text{C}$

SPECIFICATIONS AND TECHNICAL DATA



| Model | Weight Capacity | Hanger Weight | Cable Length | Cable Dia. |
|-------|-----------------------|---------------------|-----------------|-------------------|
| CB3-5 | 3~5 kg 6.6~11 lbs. | 1.82 kg 4 lbs. | 130 cm 52 in | 3.2 mm 0.13 in |
| CB5-7 | 5~7 kg 11~15.5lbs. | 1.85 kg 4.1 lbs. | 130 cm 52 in | 3.2 mm 0.13 in |

SPECIFICATIONS AND TECHNICAL DATA



| Model | Weight Capacity | Hanger Weight | Cable Length | Cable Dia. |
|---------------|-------------------------|---------------------|-----------------|-------------------|
| CB5-9 | 5~9 kg 11~19.8 lbs. | 3.59 kg 7.9 lbs. | 130 cm 52 in | 4.0 mm 0.16 in |
| CB9-15 | 9~15 kg 19.8~33 lbs. | 3.61 kg 8 lbs. | 130 cm 52 in | 4.0 mm 0.16 in |

INSTALLATION:

1. Attach the counter balancer hanger to a steady location.
2. Attach a secondary support cable and install it to a steady location.
3. Install tool within the weight capacity to the bottom hook.
4. Adjust tension to appropriate level after tool installation.

CHECK BEFORE USE:

1. The hanger and bottom hook are steady and rotate smoothly.
2. The cable is undamaged.
3. The ratchet, ratchet spring, and spindle are steady.
4. The counter balancer hanger is undamaged and apparently sound.