



MECHETTI

Produzione e vendita Bilanciatori

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INSTRUCTIONS FOR THE USE AND MAINTENANCE

Install the Balancer correctly. Incorrect installation could cause personal injury or damage to the balancer or other equipment.

Always attach a secondary support cable or chain. It is required to protect personnel in case of failure of the top hook or the fittings.

- Attach the balancer to the fitting and check the balancer does not hit surrounding objects. Make the mounting height different for each balancer to avoid collision..
- Check the top hook can swivel freely.
- Secure the balancer with a secondary support cable or chain strong enough to sport maximum capacity of the balancer. (image nr2)
- Attach an end of the secondary support chain to the balancer body, and the other end to a separate fitting, which does not support the balancer.

NOTE : *Leave some slack in the secondary support cable or chain to allow the balancer to rotate freely. The slack must be a suitable length so that the balancer will stop within 100 mm when falling in case of failure of the top hook or the fitting.*

- A: Before attaching, check the weight of the complete tool/device, including all accessories is within the capacity range of the balancer.
- B: Hang up the **Balancer MEC** to a fixed and solid point above the user and **ALWAYS USE THE SAFETY HOOK**
- C: Regulate the length of the excursion of the cable through the external command of regulation of tension of the inside spring.
- D: Attach the weight (tool/device) & release it slowly. Adjust tensions for smooth operation.
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NOTE : *Over tensioning could cause damage to the balancer body or the wire rope.*

- **Leave that the Balancer oscillates following the vector forces applied**



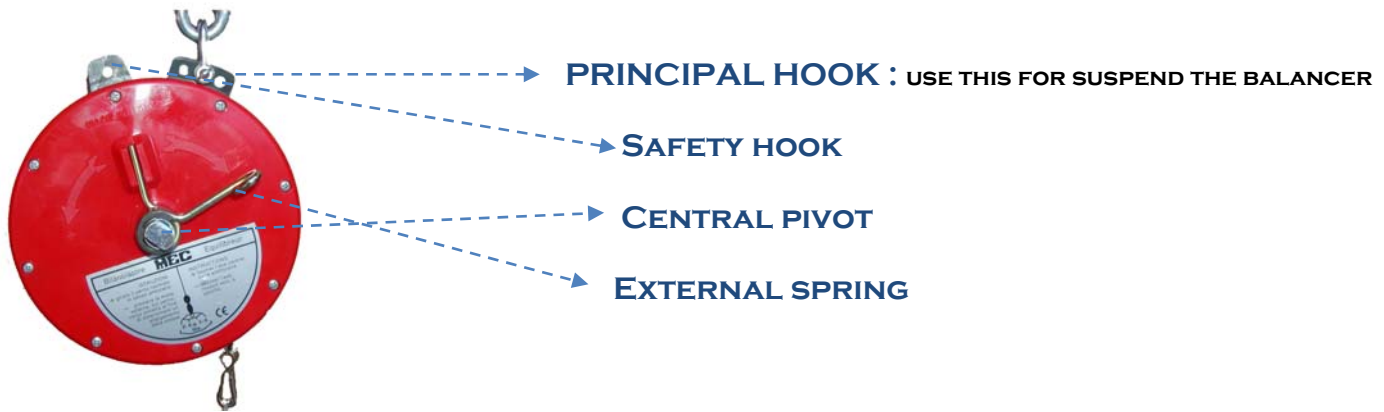
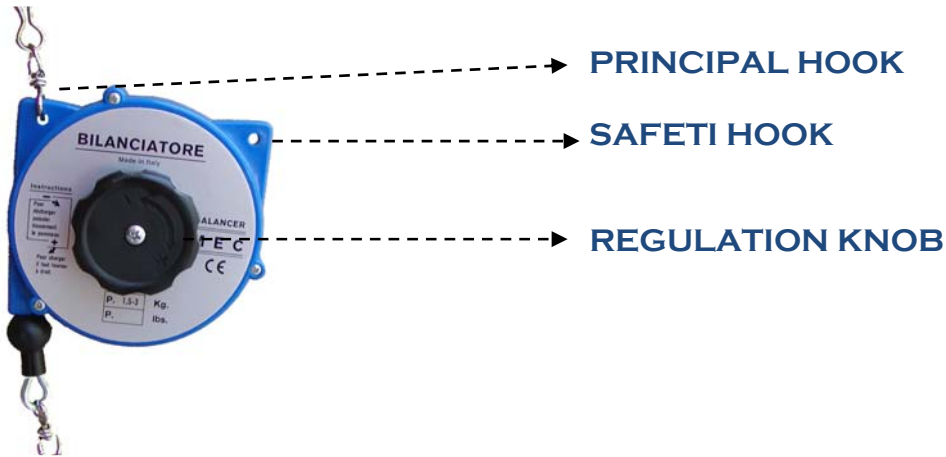
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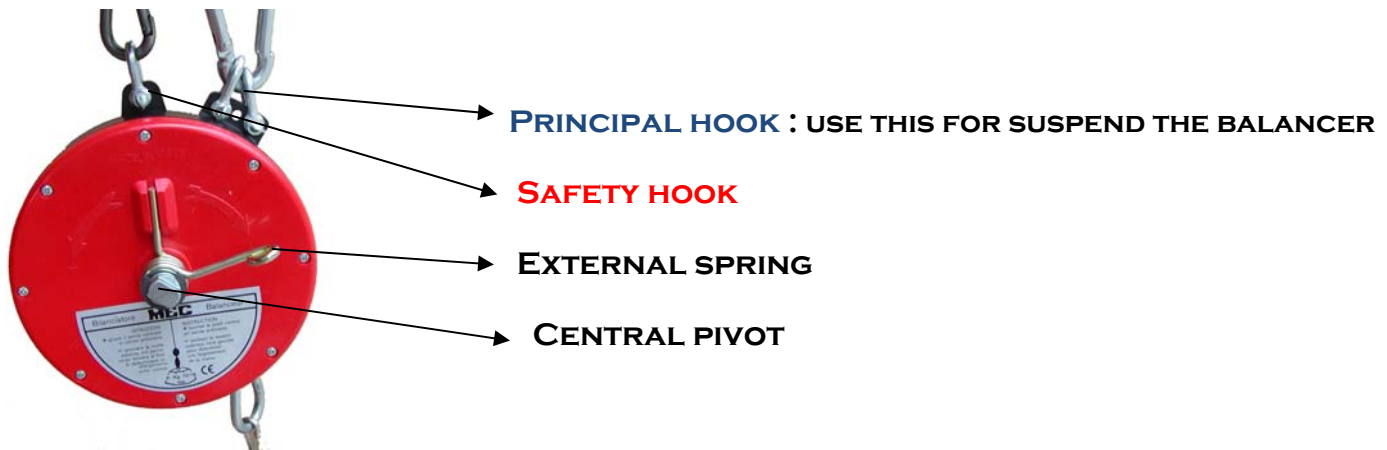
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BALANCER

PARTS



BS4 AND BS5



HOW TO REGULATE THE TENSION OF THE INTERNAL SPRING

A) Mod A1 - A2 - A3:

- +) To increase the course to turn the knob in hourly sense
-) To decrease the course to slightly press the knob and to turn it in counter clock wise sense

B) Mod Bs1 / Bs2 / Bs3/ Bs/4: Bs/5:

- +) To increase the power turn the central pivot (preferably using a '12'English Key) in hourly sense
-) To decrease the power make strength on the external spring so that the pivot turn in counter clockwise sense

Assure you that the cable can freely stir in its whole excursion

- Hook the utensil to the inferior extremity of the cable using the furnished hook
- Check to regular intervals that the cable is in good state (without abrasions, excoriations, etc..) and that its slide always results free and to regulate.
- Don't expressly submit the BALANCER to superior weights to the suitable course on the label.
- Don't open, to modify, to violate the balancer because every intervention can compromise the regular functioning of the same.
- The BALANCER doesn't need particular maintenance, it doesn't is necessary to oil it

Inspect balancer once a month. Make inspection period shorter when operating frequently or in hostile environment.

Procedure : -

- *Visually inspect the assembly for general material state.*
- *Check both hooks for wear, damage and deformation.*
- *Check wire rope assembly for kinks, broken wires per pitch, wear & damages to thimble & other sub parts.*
- *Check rubber shocker for material state.*
- *Check pulley for wear, damage and distortion.*

CERTIFICATION OF QUALITY'

Our Bilanciatore Mec for affiliation to the category of the Accessories of lifting needs the auto certification CEE of the Producer protocol Á.

The firm Mechetti guarantees that the Bilanciatore Mec is conforming to all the specifications of quality and safety applications in the directive 89/392 CEE category Machines. Modified with: dir. suggestion 91/368/CEE---dir. suggestion 93/44/CEE dirs suggestion 93/68/CEE



MODELs BS4-5 2 SPRINGS

