

Guidelines for the Operation of EUROVIVA Bungee Trampolines

1. General Comments

- Only one customer (and one supervisor) is allowed on one trampoline at any time.
- Customers are not to jump on trampolines without being strapped into harness attached to bungee cords.
- Customer minimum weight is 15 kg, the maximum weight is 90 kg, harnesses must fit tightly

2. Before Jumping

- Customers have to be weighed.
- Customers should take off shoes prior to stepping onto trampolines.
- Staff has to wear soft soled shoes to avoid damage to trampolines.
- Staff has to help customers on and off trampolines and keep customers supervised at any time whilst being on trampoline.

3. Dressing of Harnesses

Customers will be strapped into harness of appropriate size (XS, S, M or L). The following procedure has to be applied:

1. Waist strap is positioned loosely around hip bones (do not fasten tightly yet).
2. Leg straps are fastened tightly
3. Waist strap is fastened tightly

It is of paramount importance to choose suitable harness for the customers taking into consideration their weight and figure:

- Orange harness (XS): 15 kg – 25 kg
- Yellow harness (S): 20 kg – 40 kg
- Maroon harness (M): 35 kg – 60 kg
- Blue harness (L): 50 kg – 90 kg

4. Use only one of the two loops you find on either side of the harness. Choose the one loop that is in the centre of longitudinal axis of the customer's side.

4. Adjustment of Bungee elastics

Apply one bungee cord per 10 kg (1.5 stone) on each side of harness:

Single latex tube (blue) = 5 kg

Single latex tube (orange) or expander cord (blue) = 10 kg

Double latex tube (orange) or expander cord (orange) = 20 kg

Please note: Above thumb rule is only rough guideline as number of elastic cords depends on ability to jump:

- Good jumpers need more elastic cords
- Poor jumpers need less elastic cords
- Hot conditions require generally more elastic cords
- New elastic cords are stiff and therefore the number of cords might have to be reduced
- **Caution:** Never use single cord only each side of harness! Minimal weight: 15 means 2 x single latex tube or 2 x blue expander cord **NEVER** only one cord!

5. Final Check

Check all karabiners and buckles are closed properly!

6. Instructing Customers

It is essential to provide the induction prior to jumping.

Caution: Make sure that jumpers do not start to flip before being allowed to do so by staff or before bungee cords are pre-tensioned to 75%.

- Customers have to hold onto elastics either side of harness
- Customers have to follow the instructions given by supervising staff at all times

7. Jumping Operation

- As soon as customers is fully strapped in, pre-tension elastic cords via winch motor.
- Customer does now get the clearance for jumping.
- Haul up customer at least to 2/3 of max. height as quick as possible by operating winch.
- Now adjust the height within the final 1/3 of height step by step according to customer's ability to jump.
- Mind the leg angle of jumper when bouncing onto trampoline: knee angle max. 90° (IF the angle is less than 90° – add Bungee cords – potential injuries when doing somersaults!)
- Should feet not touch trampoline, lower jumper
- Jumpers should only do somersaults after being given clearance by staff!
- At end of time ensure jumper stops performing somersaults and bouncing before lowering customer back onto trampoline.
- Open harness and help customer leave trampoline.

8. General Safety Precautions

- Prior to each operation day check for damaged: Pulleys, rigging and suspension parts, ropes, harnesses and elastic cords.
- Elastic cords can have rough outer coating. Should you detect cracks, replace elastic cord immediately.
- Winches should be protected from water and other fluids.
- Supervising staff have to watch customers/jumpers at all times. Stop back and forth swinging customers immediately, only allow vertical jumps.
- To avoid swinging customers increase tension of bungee cords.
- Make sure that winch rope winds up properly on winch drum.