

Manual

EUROViVA

THAT'S LIVE!

INTRODUCTION AND GENERAL NOTES

Legend:



Caution: General source of danger



Caution: Danger of falling or stumbling



Caution: Electrical source of danger / threat of electric shock



Important information / tip

CHAPTER 3: OPERATING THE MACHINE

3.2 Operating the Machine

A – General instructions for operating the machine

- § The weight of every customer has to be measured and marked somewhere e.g. on the customer's ticket (Figure 31).
- § The customer should be asked to take off his shoes to avoid damages and excessive abrasion of the jumping sheets.
- § It must be made clear to each customer that the staff's instructions have to be followed at all times.
- § Advise each customer to hold on to the elastics at each side of him during the whole ride, to start jumping only when he is asked to do so and to do flips and somersaults only if and when the staff explicitly allows him to do that (Figure 32)!



Figure 31 Scale (not included in the delivery)



Figure 32 Proper way of jumping

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B – Fitting the gear

§ Choose for each customer the appropriate harness according to his weight and figure (size S, M or L) (Figure 33). The following weight limits apply for the different harnesses:

S (yellow) - 20 kg up to 40 kg

M (brown) - 35 kg up to 65 kg

L (blue) - 50 kg up to 90 kg

§ First fasten the waist strap of the harness around the customer's hips.

§ Then fasten the two leg loops and tighten them firmly.

§ Finally tighten the waist strap. Check again on all buckles if they are fastened properly (Figure 34).



Figure 33 Harness types:
from left to right: S-L



Figure 34 Harness properly put on

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C – Adjustment of elastics



Note: Our Quarter Tramp trampoline machines come with a set of either latex or expander elastics (Figure 35).

The necessary number of elastics depends on the customer's body weight and on his way of jumping.

Following guiding principle/rule of thumb applies:

There must be as many ropes on each side of the customer that they at least sum up to the body weight of the customer.

Thereby correspond ...

1 latex elastic	≈ ca. 10 kg bodyweight
1 thin expander elastic	≈ ca. 07 kg bodyweight
1 thick expander elastic	≈ ca. 17 kg bodyweight



Caution: rule of thumb is only conditionally valid! More active customers will need more elastics!



Caution: Due to safety reasons you must use the minimum of two elastics on each side of the customer



Figure 35 Expander elastics and latex elastics



Figure 36 Latex elastics ready to use

CHAPTER 3: OPERATING THE MACHINE

(Caution: rule of thumb is only conditionally valid! More active customers will need more elastics!

Figure 36)!

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Bodyweight-Combinations of Elastics			
Note: All made statements are only noncommittal guidelines for your orientation since the ideal number of elastics depends on a variety of influences like the individual way of jumping on the trampoline, weather conditions, condition of the elastics etc.!			
Intervals of bodyweight in kg:	Number of latex elastics each harness side	Number and type of expander elastics each harness side	Note:
15-23	2	2*thin	<p>Please note that people differ significantly in their way of jumping. If you are not sure how many elastics you should use you it is better to opt for too many than for too few! You still can adjust your choice later.</p> <p style="text-align: right;">Tip:</p> <p>You can also influence the course of the ride by adjusting the height to which you haul up the customer with the winch.</p> <p>But note that the winches should be wound up to at least $\frac{3}{4}$ of the maximum height; otherwise the customers are prone to start swinging back and forth.</p>
24-32	3	1* thick + 1* thin	
33-41	4	2* thick	
42-50	5	2* thick + 1* thin	
51-60	6	3* thick	
61-68	7	3* thick + 1* thin	
69-77	8	4* thick	
78-87	9	4* thick + 1* thin	
88-90	10	5* thick	

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D – The ride

- § Before every turn check if the four carabiners are fastened properly and if the harnesses and elastics are in good and undamaged condition (Figure 37).
- § As soon as the customer is ready, use the winch to tense the elastics. Then ask the customer to start jumping.
- § Swiftly haul the customer up to 2/3 of the maximum height.
- § If necessary gradually haul him up higher so that he can jump comfortably.



Note: Please make sure that your customers do understand that they are supposed to jump on the trampolines. It is not intended that your staff uses the winches to keep inactive customers going. If they do run the winches up and down all time the material will be worn out long before its actual time. This is considered as inappropriate usage and thus it can't be accepted as a warranty case.



Figure 37 Left: carabiner on harness | right: carabiner on dragging rope



Figure 38 incorrect bending of customer's legs

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Caution: Keep an eye on the customer at all times so that you can adequately react to alterations in his way of jumping. If his legs bend more than 90 degrees be alarmed because then there is a threat of injuries if doing somersaults. Before you allow him to flip either employ more elastics or tell him to slow down (Figure 38)!

- § Make sure that the customer jumps properly up and down at all times and does not swing back and forth. This occurs if he has not been hauled up high enough or has been given too few elastics (Figure 39).
- § When the customer's time is up ask him to cease jumping. Under no circumstances allow him to do somersaults while taking him down.
- § Lower the customer slowly onto the jumping sheet. Make sure he comes to a secure stand.
- § Unbuckle the harness and guide the customer off the machine (Figure 40).



Figure 39 Dangerous swinging movement



Figure 40 Trampoline ready to use