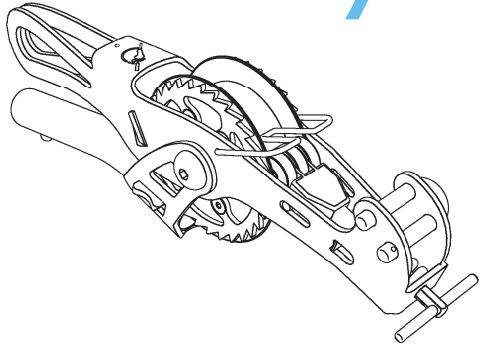




Infinity



User manual

Patent pending 1670015
Made in France

3. Warning

Activities which involves the use of the infinity are potentially dangerous. Use the infinity and practice at your own risk.

With the infinity you can reach really high loads effortlessly. The power control does not insure the respect of the working load limit (WLL) of each part of your setup. It is up to you to verify that you are respecting the WLL of each loaded part, including anchors. Set the maximum load in accordance with the gear you are using.

The working load limit is defined as the load when a slackliner stands quietly in the middle of the line.

Always check the good working condition and the lack of damage of the infinity before each use.

Modification and/or disassembly of one or several piece(s) of the infinity cancel every warranty and can lead to dangerous dysfunctions of this product. Normal wear and tear are out of warranty. We offer maintenance operation at a preferential rate, please contact us for any customer service related question.

The infinity should always have a proper backup before using the slackline. The infinity is not a Personal Protective Equipment (PPE) and should not be considered as a PPE. The infinity is only dedicated to tighten, to hold the tension and to loosen slacklines. Any other use is forbidden.

4. Suitable webbings

The infinity is compatible with all flat webbings made of polyester, polyamide, polypropylene, dyneema (HMPE), aramid, up to 26 mm (1 in) wide and 10 mm thick.

With tubular webbings, WLL should be lowered to 4 kN.

Thank you for choosing Slack Inov' gear !

We ask you to read this manual carefully and to familiarize yourself with the use of this product before the first use.

All Slack Inov' products are made in France. They are designed with a simplified and optimized slackline practice in mind. We wish you to be totally satisfied with them.

The Slack Inov' team.

Contact

Please, contact us if you want to make a comment or if you need more informations.

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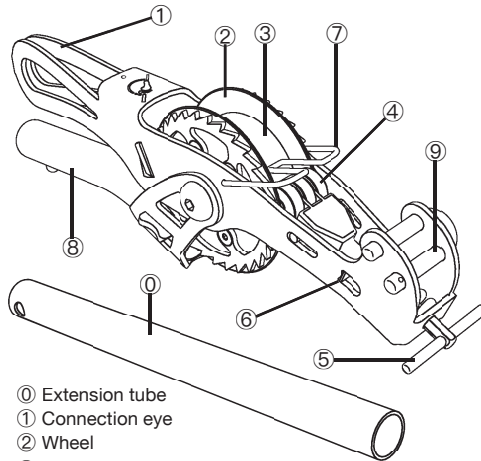
5. Suitable connectors

Connectors with asymmetric bow shape may not be used (e.g. D shape carabiner). Textile connectors may not be used (e.g. soft shackles).

The connection eye ① suits all steel shackles up to 20 mm pin diameter, on the bow and on the pin. The connection eye suits straight and delta quick-links from 8mm diameter (wide opening).

Be sure to use a connector that is strong enough considering the load of your slackline system.

6. Description



- ① Extension tube
- ① Connection eye
- ② Wheel
- ③ Belt
- ④ Tensioner
- ⑤ Wrench (adjusts the power control)
- ⑥ Slider (shows the threshold load of brake depression)
- ⑦ Guide
- ⑧ Handle
- ⑨ Lock

1. Introduction

The infinity allows you to rig and to get 25mm (1 in) wide webbings tight. It's designed to combine the advantages of a ratchet and those of a traditional weblock. It acts as a tightening system and as a webbing locker. Fast and easy rigging guaranteed !

- The wheel diameter give the maximum webbing strength in anchor.
- The locking mechanism prevent webbing from slipping once attached, even under intensive load and/or dynamic stress.
- The power control depress the brake and prevent the webbing to be over tighten when the desired load is reached. This protect the entire rig.
- Load bearing parts are made of stainless steel. All other parts are made of corrosion resistant materials, minimizing the wear of time.
- The provided extension tube allows effortless tightening and manipulating.
- An optional remote control allows remote tightening and loosening of the webbing.
- The connection eye accepts a wide variety of connectors.
- Patent pending n° 1670015.

2. Specifications

Minimum base strength (MBS) : 50 kN
 Working load limit (WLL) : 10 kN
 Internal width : 26 mm
 Wheel diameter : 70 mm
 Weight : 1600 g / 1450 g without extension tube
 Connection eye : ←→ 10 mm / Ø 20 mm

✓ Infinity WLL is 10 kN with all flat webbings.

7. Care and storage

Store and use the infinity from -10°C to +40°C (+14°F to +104°F). Store it in a dry place, protected from dust, chemicals and light exposure.

Avoid the belt ③ to contact abrasive particles, dirt, sand or dust. In the event of a contact, rinse with clear water and let the water flows underneath the belt. Let it dry immediately protected from sunlight. In the event of a contact with salt water or a use in a marine environment, rinse all the infinity with clear and clean water then let it dry protected from sunlight.

Infinity's lifespan depends on frequency and intensity of use. An exceptional damage can require the disposal of the product or a repair operation.

You have to check the infinity proper functioning before each use :

- No damage to the frame
- No damage to the belt
- Proper functioning of the movable parts
- Proper locking of the lock ⑨
- Proper tightening of screws and rivets

We offer maintenance operation at a preferential rate, such as : belt change, cleaning, greasing, etc. please contact us for customer service application.

8. Disclaimer

Slack-Inov' is not liable for material or immaterial damage caused by misuse of this product. With the purchase of this product you confirm that you have read this manual and that you understand it.

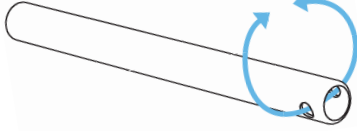
This manual is not exhaustive.

You use this product at your own risk. People under the legal age of majority should be supervised by adults during the use of this product.

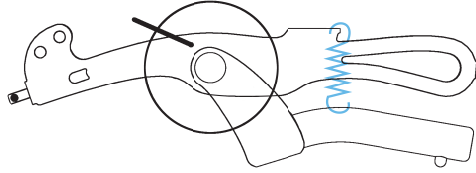
9. Remote control installation

(sold separately)

9.1 Tie the 20cm long cord strand through the holes at the extremity of the extension tube ⑩. Prefer a double fisherman's bend.

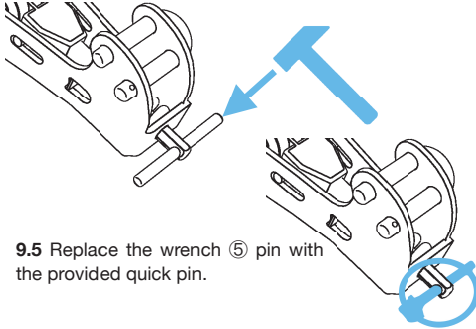


9.2 Attach the reset spring to the expected holes on the handle ⑧ and the frame. Bend the spring extremities with a pliers.




9.3 Clip the provided carabiner and cord in the loop created at the step 9.1.

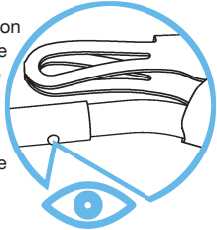
9.4 Remove the wrench ⑤ pin with a hammer. You can use a pin drift to make it easier.




9.5 Replace the wrench ⑤ pin with the provided quick pin.

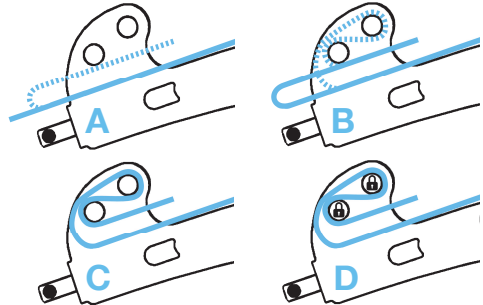
 This icon indicates the steps to follow when using the remote control.

10.9 You can use the extension tube ⑩ to make the tensioning easier. Join the extension tube to the handle ⑧ and ensure that the ball of the handle is visible outside the expected hole on the extension tube.

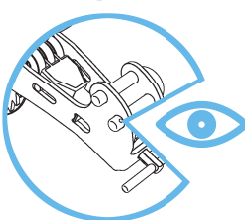


 Pull the cord attached to the extension tube ⑩ to tighten the slackline remotely. The spring allows the handle ⑧ to reset by itself.

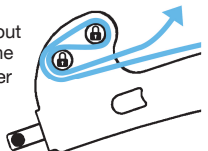
10.10 Follow these drawings to place the loose strand of the slackline webbing inside the lock ⑨:



10.11 Ensure that the lock ⑨ is well placed: the balls should be visible.



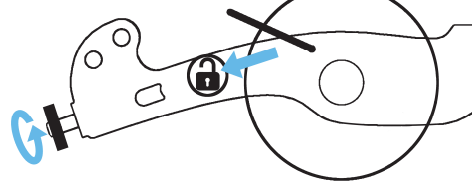
10.12 Pull the strand coming out from the lock ⑨ to tighten the webbing between the tensioner ④ and the lock ⑨.



10. Installation

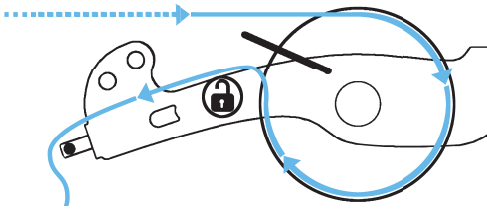
10.1 The connector attaching the anchor to the connection eye ① should be well dimensioned (cf. 5. Suitable connectors) and perfectly locked. The infinity should not be able to touch anything nor any exterior object when used.

10.2 Loosen the wrench ⑤ by turning it counter-clockwise (⤵). You should be able to pass the webbing between the tensioner ④ and the wheel ②.




10.3 Free the lock ⑨ by pulling on its bow. Remove it entirely from the holes.

10.4 Pass the end of the slackline webbing on top of the guide ⑦ then in the wheel groove ②. With this end of the webbing, follow the belt ③ then pass between the belt and the tensioner ④.

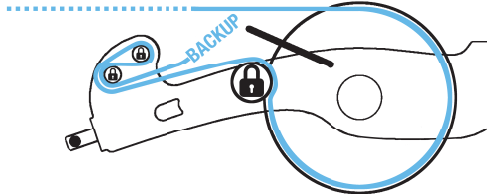


The end of the slackline webbing should rest underneath the lock ⑨ spot.

 Avoid the slackline webbing from twisting inside the infinity. It should lay flat.

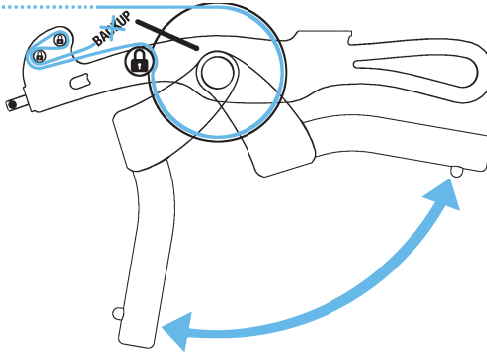
10.5 Tighten the tensioner ④ by turning the wrench ⑤ clockwise (⤴). Tighten just enough to lightly wedge the slackline webbing against the wheel ②.

10.13 Attach the strand coming out from the lock ⑨ to a secure anchor to back up the infinity. The backup should not be too loose. Reset the handle ⑧.

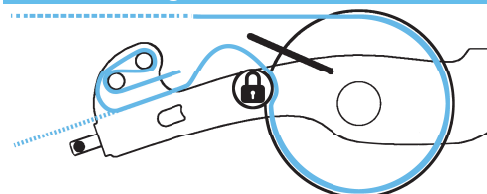


11. Uninstallation

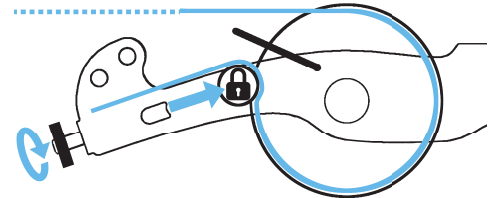
11.1 Tighten lightly the slackline webbing by actioning the handle ⑧. Get a few centimeters / inch back only.



Note: if you can't take back the tension, try to tighten a bit the wrench ⑤ before actioning the handle ⑧ again.




11.2 Untie the loose strand backup.



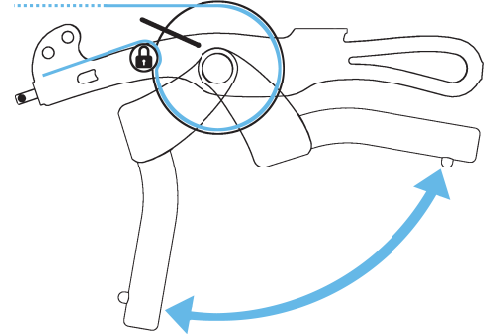
10.6 Bring the other end of the slackline webbing at the second anchor then attach it. It is more efficient to pre-tension your slackline webbing with the infinity. Simply pull the loose strand of your slackline webbing out of the infinity.

10.7 Set the net load of the system (out of charge). Above this threshold, the tensioner ④ will depress. Turn the wrench ⑤ until the slider ⑥ shows the value you want.

Look at the graduations in kilo-newtons (kN) or in meters (m), which correspond to the length of the line.

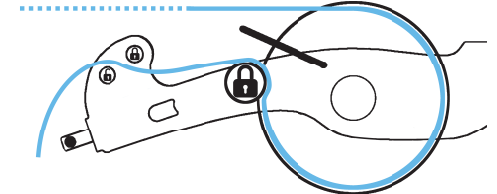
 Setting the net load does not prevent from exceeding the WLL.

10.8 Tighten the slackline by activating the handle ⑧. When the threshold load is reached you can't tighten the slackline anymore, even if the handle still rotate.

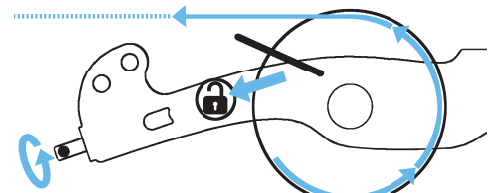



11.3 Remove the lock ⑨ by pulling the bow.

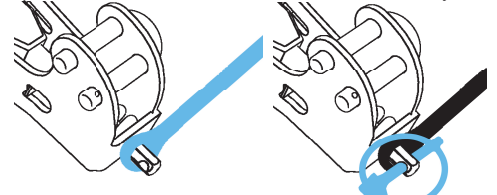
11.4 Replace the lock back ⑨ and place the loose strand between its two pins this way:




11.5 Loosen lightly the wrench ⑤ by turning counter-clockwise. The slackline webbing should gently slip back with the belt ③.



 Remove the wrench quick pin ⑤ so you can place the ratchet wrench on the axis, then place the quick pin back. The ratchet should rotate clockwise freely.



Loosen the system by pulling the cord attached to the ratchet wrench. Wobble the cord to reset the ratchet.

 Always remove the ratchet wrench before using the slackline.

11.6 When the slackline webbing is perfectly loose, you can take it off the infinity.