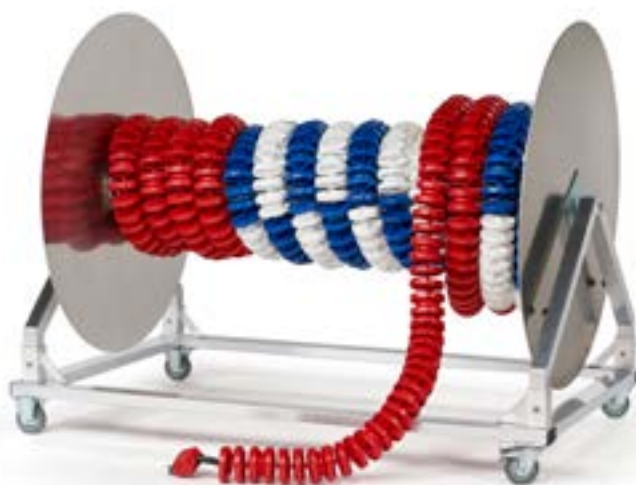


Sport-Thieme® Swimming Line Trolleys

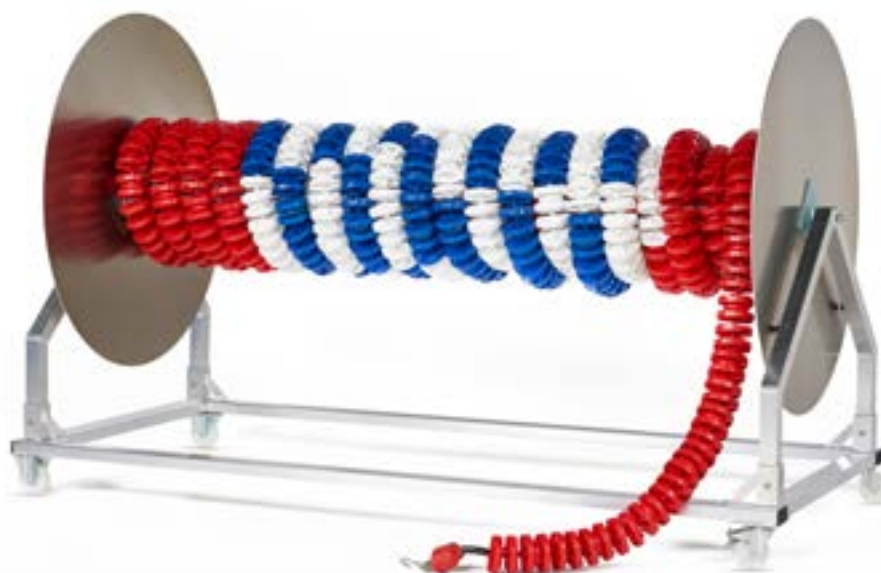
Thank you very much for choosing a Sport-Thieme product!

Please read the instructions fully before you assemble the equipment, so you can enjoy the product and safety is guaranteed. We are happy to answer any questions you may have.

Art.-Nr. 114 5700



Art.-Nr. 114 57026



Assembly Manual for Art.-Nr. 114 5700/5726

1. Scope of delivery:

Please check the following content before assembly.

Total content:

- 1 base frame
- 2 side parts
- 2 round side parts of reel
- 1 reel tube
- 1 accessories



Wheels with Art.Nr. 114 5700:



Wheels with Art.Nr. 114 5726:



Accessories:

- 16 hexagon socket screws M8 x 20mm, DIN 933
- 6 hexagon socket countersunk head screws M8 x 16mm, DIN 7991
- 1 grooved pin V2A, DIN 1473, 3 x 20mm
- 4 hexagon socket head cap screws M6 x 70mm, DIN 912
- 4 self-locking cap nuts M6, DIN 986
- 18 nuts M8, DIN 934
- 32 spring washers A8, DIN 127
- 8 washers Ø 7.4 x 22mm, DIN 9021
- 2 threaded eyes V2A, M8 x 25mm
- 2 screwing devices

- 1 wing screw M8 x 16mm
- 1 VA composing stick, round 9mm
- 1 hexagon socket screw key SW 5, DIN 911
- 4 plastic caps 80 x 40 mm
- 2 plug plates
- 2 polyamide liners
- 1 guide roller without locking device
- 1 guide roller with locking device
- 2 fixed rollers
- 1 assembly instruction

2. Assembly of lane marker trolley:

We recommend the assembly on a suitable surface to avoid damages of the profiles!

Preparation: Open crate and unpack all parts.

The following tools are necessary:

- gloves
- 2 combination wrenches 13 mm
- 1 hammer/mallet
- 1 drill \varnothing 9.5mm

3. Assembly of wheels and caps at base frame:



Lay base frame on the ground, welded plates facing upwards. Place 2 fixed rollers (1) on one side and 1 guide roller (2) as well as 1 guide roller with locking device (2) on the other side. Adjust holes.



To fix each roller stick 4 spring washers M8, DIN 127 on 4 hexagon socket screws DIN 933, M8x20mm. Then stick them through holes from the inside of the base frame (if necessary use the combination wrench).



Then add 4 spring washers from the outside.



Now screw 4 nuts DIN 934, M8. If all screws are mounted, adjust roller again and then tighten all screws.



Close open ends of the base frame with 4 caps 80x40mm. Use a hammer/mallet if necessary.

4. Assembly of reels:

(for the assembly 2 persons are necessary)



At first screw 2 nuts M8, DIN 934 on 2 threaded eyes M8x25mm.



Place reel tube on a suitable construction (supports, table or similar, height approx. 600 mm).



Connect reel tube, side parts and plates as follows:

- Set side part against the flange of reel tube
- Hold plug plate at side part
- Adjust all parts and holes



To fix the plug plate stick threaded eye from the reel tube side through the flat hole of reel tube flange and side part (see left picture) and screw it slightly into the plate.



Attention: The reel tube has to be protected against slipping and overturning before the following assembly!

Screw from the reel tube side 3 countersunk head screws M 8x16mm, DIN 7991 through countersunk holes of the reel tube flange and side part into the plug plate and tighten them.



Screw threaded eye so far that it doesn't stick out of the plate's outside. Then fix nut M8.

Now repeat the above mentioned assembly steps on the other side of the reel tube.

5. Assembly of side part:

Stick polyamide liners on the plugs. Then push both side parts one after the other on the polyamide liners. One side part is equipped with a welded sleeve to lock the reel later. Screw and tighten prepared screwing devices in the threads at the plug plates. Make sure that the reel can move freely.



6. Assembly of reel and side parts at base frame:

(for the assembly 2 persons are necessary)

Set base frame on the wheels and push complete reel construction into the fittings provided at the base frame. If necessary use a mallet.

Stick per fitting 1 washer DIN 9021, Ø 7.4 x 22mm on 1 head cap screw DIN 912, M6 x 70mm.

Stick from the side part outside screws through holes, from the inside once again washers DIN 9021, Ø 7.4 x 22mm and fix them with cap nuts DIN 986, M6.



7. Assembly of reel lock:

For safety reasons during transport the trolley is equipped with a reel lock and to avoid unrolling of lane markers.



A sleeve with thread M8 is welded on one of the reel supports. Bore a hole for the lock through the sleeve with drill \varnothing 9.5 mm, length 125mm, at any position in the round side part.



Push from the outside composing stick \varnothing 9mm through the sleeve hole and fix it with a wing bolt M8 x 16.



Use a hammer or mallet to fix the grooved pin 3 x 20mm in the hole of the composed stick so that it projects equally at both sides.



To lock the reel unlock wing bolt, push composing stick into the hole at the round side part and then tighten wing bolt.

8. Maintenance and safety instructions:



Check screws regularly and change damaged and wearing parts if need be.

Take care that during use the trolley is located on a horizontal surface and the guide roller is locked.

Permanent contact with water may cause damages of aluminium parts and other material components.

Additives in the water of swimming pools can intensify these effects.

Therefore we recommend to clean the trolley with clear water after each use and to dry it with a soft cloth.

Only use water to clean surfaces and no alcohol or aggressive substances!

Note: Due to our continuous quality check of products and equipment technical modifications are possible.