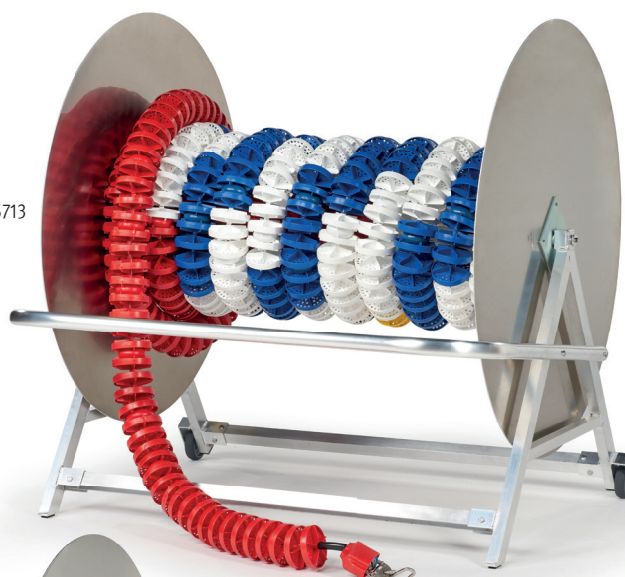


# Sport-Thieme® Swimming Line Trolleys

**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 5713



Art.-Nr. 114 57039

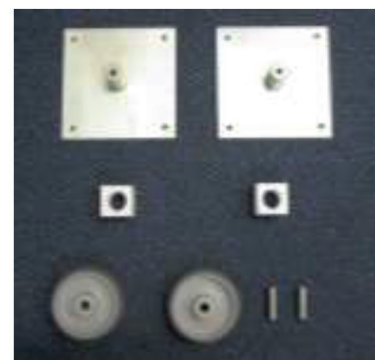
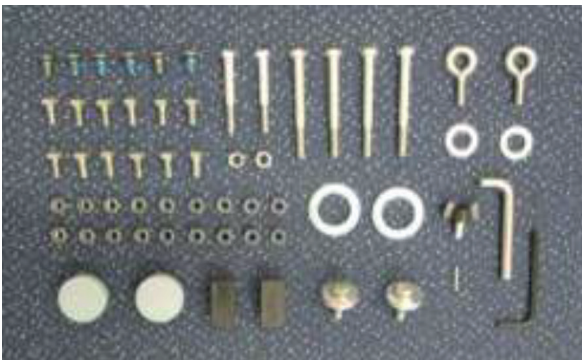


## 1. Scope of delivery:

Please check the following content before assembly.

### Total content:

- 2 frame side parts
- 2 round reel side parts
- 1 reel tube
- 1 hoop
- 2 crossbars
- 1 accessories



### Accessories:

- |  |   |
|--|---|
| 6 hexagon socket countersunk head screws M8 x 16mm, DIN 7991   | 2 plastic caps 50x30mm, black               |
| 12 hexagon socket screws M8 x 16mm, DIN 933                    | 2 polyamide liners 40 x 40 mm, length 35 mm |
| 2 hexagon socket screws M8 x 85mm, DIN 931                     | 2 screwing devices                          |
| 4 hexagon socket screws M8 x 80mm, DIN 931                     | 1 wing screw M8 x 16mm                      |
| 2 threaded eyes V2A, M8 x 20mm                                 | 1 VA composing stick, round 9mm             |
| 2 nuts M8, DIN 934   | 1 grooved pin V2A, DIN 1473, 3 x 20mm       |
| 18 self-locking nuts M8, DIN 985                               | 2 plug plates with thread M8                |
| 2 washers Ø outside 28mm, hole Ø 15.5mm, DIN 125-1, V2A        | 2 rubber wheels, grey                       |
| 2 washers Ø outside 44mm, hole Ø 26mm, DIN 126 M24, galvanized | 2 sockets for wheel                         |
| 2 plastic caps Ø 40mm  | 1 assembly instruction                      |
| 2 plates, 40 x 20mm, black                                     |   |

## 2. Preparation for assembly:

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:

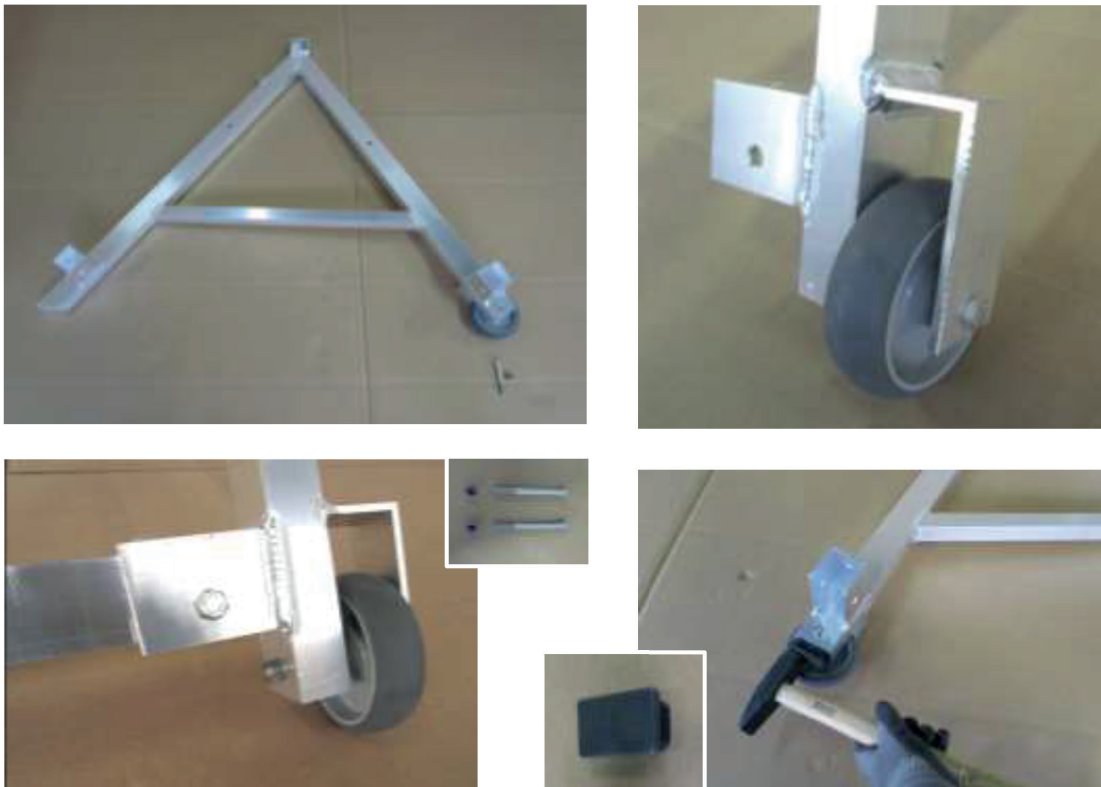
- gloves (to protect against possible cuts to profile edges)
- 2 combination wrenches 13 mm
- 1 hammer/mallet
- 1 drill Ø 9.5mm

### 3. Assembly of wheels and caps at frame side parts:

At first stick sockets through wheel hubs.



Lay both frame side parts on the ground and stick wheels into side parts. Push from the outside hexagon socket screws DIN 931, M8 x 85mm through holes of frame and sockets. Then screw from the inside self-locking nuts M8, DIN 985 and tighten screws. Close open ends of the frame with plastic caps 50 x 30mm. Use a hammer/mallet if necessary.



Fix plastic plates 40x20mm in bottom holes of frame side parts. Use a hammer/mallet if necessary.

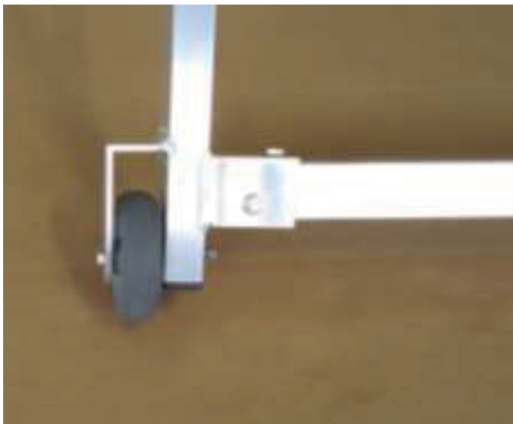




## 4. Assembly of crossbars at frame side parts:

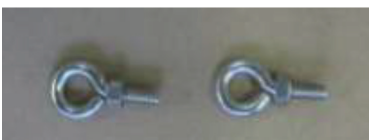
Lay side part on the ground. Stick 2 crossbars (U-profile) into the sleeves welded at the side part (U-profile). Push from the outside 3 hexagon socket screws M8 x 16mm, DIN 933 through holes of U-profiles of each crossbar and screw slightly from the inside 2 self-locking nuts M8, DIN 985.

Then stick 2nd side part on crossbars. Screw again 3 hexagon socket screws M8 x 16mm, DIN 933 and 2 self-locking nuts M8, DIN 985 through holes of U-profiles as mentioned above. Now place and adjust already mounted frame on rollers/feet. At first tighten screws at U-profiles so that crossbars fit closely at sleeves. Afterwards tighten all other screws.



## 5. Assembly of reel:

(for the assembly 2 persons are necessary)



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

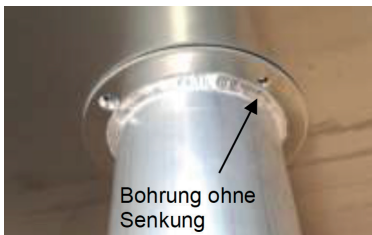


Place reel tube on a suitable construction (supports, table or similar, height approx. 600 mm).



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



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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 plates outside. Then fix nut M8.

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

Current state of assembly:



## 7. Assembly of reel at side part:



Stick 1 washer  $\varnothing$  outside 44 mm, DIN 126 and then 1 polyamide liner 40 x 40 mm on the plugs.



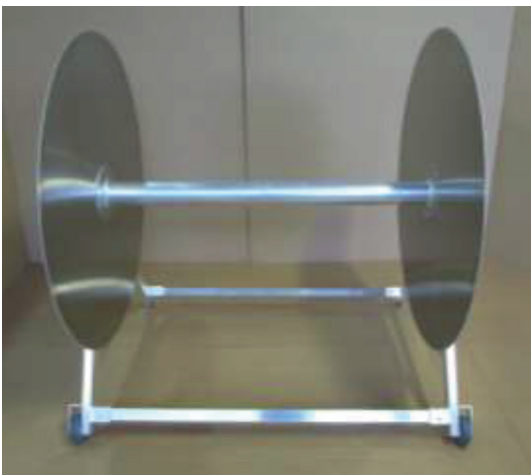
To insert the reel press both side parts outwards and push polyamide liners into the square attachments. One side part is equipped with a welded sleeve to lock the reel later.



Stick 1 washer  $\varnothing$  outside 28mm, DIN 125-1 on the provided screwing device and screw it firmly into the thread of the plug plate. Make sure that the reel can move freely.

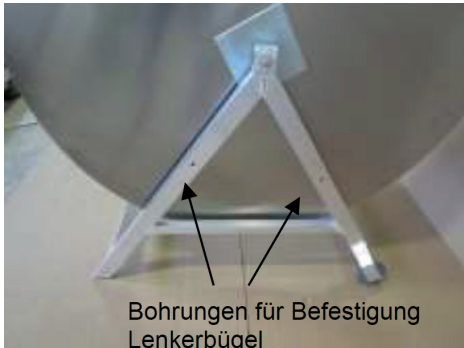


Current state of assembly:



## 7. Assembly of handlebar:

Adjust holes of handlebar and side parts.



Note: Take care that the handlebar is mounted opposite to the rollers.

Stick from the outside of each side part 2 hexagon socket screws M6 x 80mm, DIN 933 through holes of handlebar and side parts and fix them with 2 self-locking nuts M6, DIN



Use a hammer/mallet to fix plastic caps Ø 40 mm in both sides of the handlebars.





## 8. Assembly of reel lock:

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



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 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.



## 9. Maintenance, storage 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.