

# Water Polo Goal Malmsten Optimized

(1511001)

Assembly Instructions



FOR GOALS WITH

SERIAL Nr.

IP/2022/30957-

IP/2024/34204

**TOOLS AND EQUIPMENT REQUIRED**

Hex key #5 (included)  
 Hex key #6 (included)  
 Hex key #8 (included)  
 Flat spanner 13 (included)

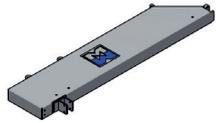
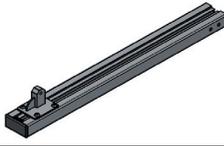
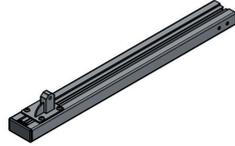
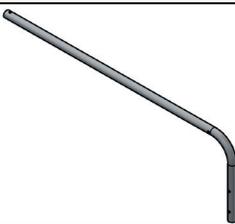
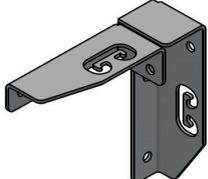
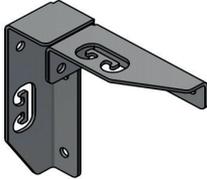
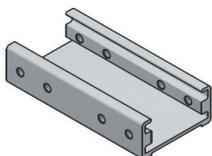
**TOOLS AND EQUIPMENT RECOMMENDED (OPTIONAL)**

Blankets, soft lining or protection tiles (velour surface)

**RECOMMENDED SAFETY CLOTHING (to be worn during the installation and maintenance)**

Steel toe work boots  
 Working gloves

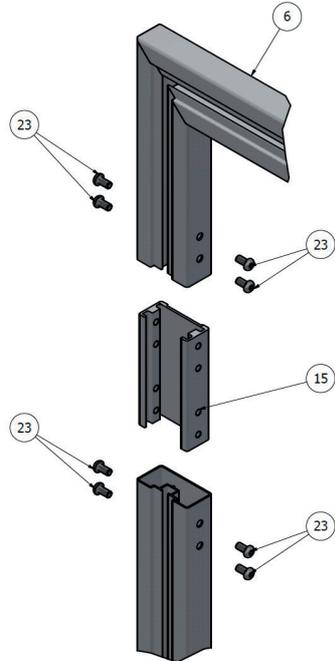
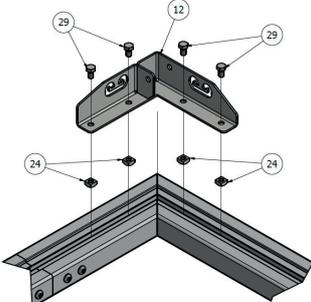
**List of components**

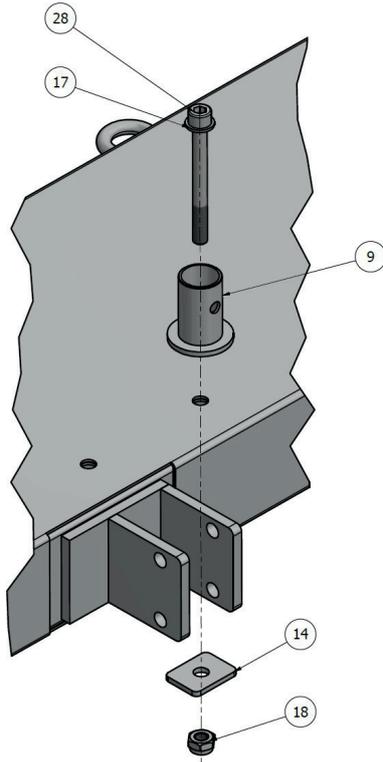
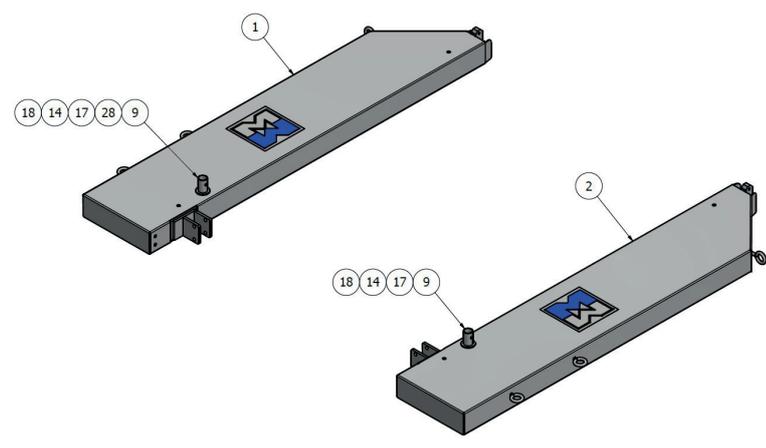
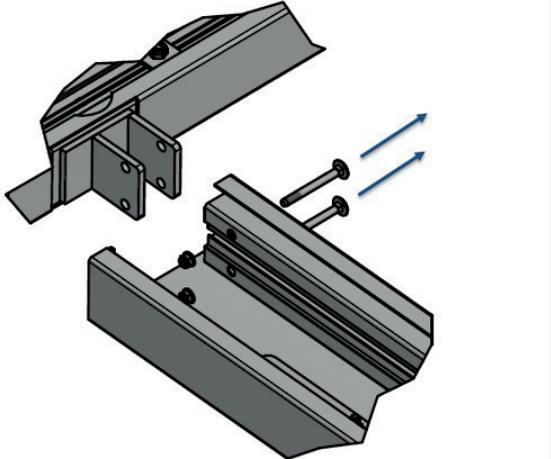
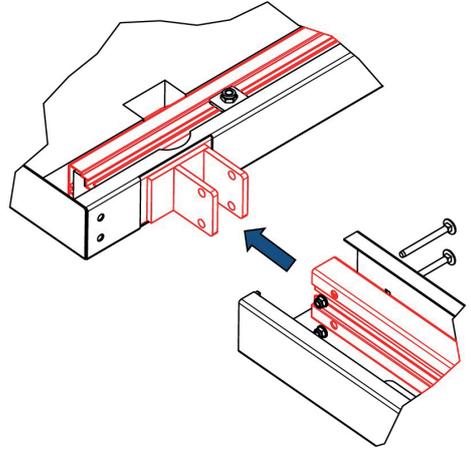
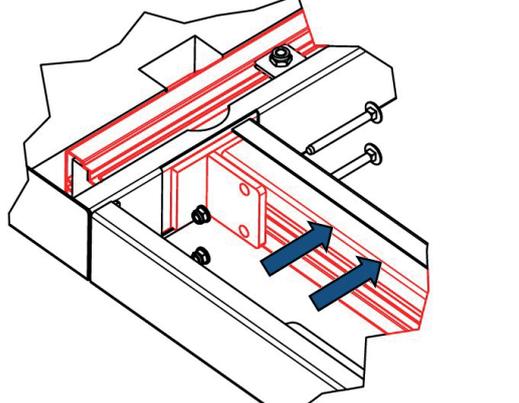
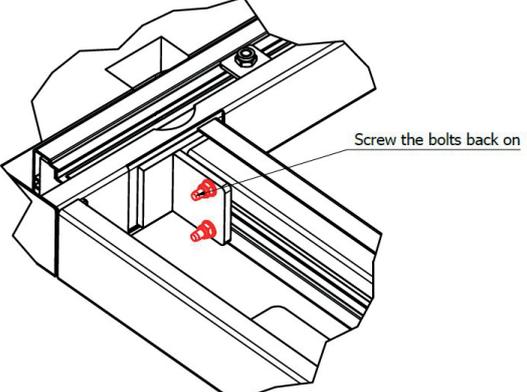
1.	Side float RIGHT		1 pcs	2.	Side float LEFT		1 pcs
3.	Rear float		1 pcs	4.	Goalpost		1 pcs
5.	Goalpost		1 pcs	6.	Crossbar		1 pcs
7.	Rear-bottom connecting tube		1 pcs	8.	Rear-top connecting tube		1 pcs
9.	Positioning sleeve		2 pcs	10.	Net support – vertical tube		2 pcs
11.	Net support tube (L-shaped)		2 pcs	12.	Left hinge		1 pcs
13.	Right hinge		1 pcs	14.	Clamping plate		2 pcs
15.	Connector		2 pcs	16.	Castor		4 pcs

17.	DIN 125 10,5 washer		2 pcs	18.	DIN 985 M10 nut		6 pcs
19.	DIN 125 A8,4 washer		6 pcs	20.	DIN 127 A8 spring washer		6 pcs
21.	DIN 985 M8 nut		12 pcs	22.	DIN 9021 A8,4 enlarged washer		8 pcs
23.	Hex socket button cap screw M8x16 [ISO 7380-1]		16 pcs	24.	DIN 557 M8 square nut		14 pcs
25.	Eyelet screw with metric thread (M10)		4 pcs	26.	DIN 912 Hex socket cap screw M8x25		4 pcs
27.	DIN 912 Hex socket cap screw M8x45		4 pcs	28.	DIN 912 Hex socket cap screw M10x100		2 pcs
29.	DIN 933 hex-head bolt M8x14		8 pcs	30.	DIN 6912 socket head screws (low head) M8x55		2 pcs
31.	DIN 6912 socket head screws (low head) M8x60		2 pcs	32.	DIN 7991 hex socket countersunk head cap screws M8x20		6 pcs
33.	DIN 9021 A10,5 enlarged washer (A4)		4 pcs	34.	Plastic cap		2 pcs
35.	DIN 9021 ø8 enlarged washer (plastic)		4 pcs	36.	DIN 9021 ø10 enlarged washer (plastic)		4 pcs
37.	Rubber distance pad		8 pcs	38.	Star knob (M8 inner thread)		2 pcs
39.	Star knob (with M8x60 bolt)		2 pcs	40.	Star knob (with M8x65 bolt)		2 pcs
41.	Polypropylene net (blue)		1 pcs	42.	Net hook "Omega"		72 pcs
43.	Hex key #5		1 pcs	44.	Hex key #6		1 pcs
45.	Hex key #8		1 pcs	46.	Flat spanner 13/17 mm		1 pcs

## Step 1 – preparations

1.1	Prepare the tools and put on your necessary safety clothing
1.2	Cover the floor with blankets / soft lining / protection tiles in order to prevent eventual product or floor damages
1.3	Unpack the product and lay it down safely on the prepared floor
1.4	Check carefully if any of the delivered items are damaged or missing (a list of components can be found above)

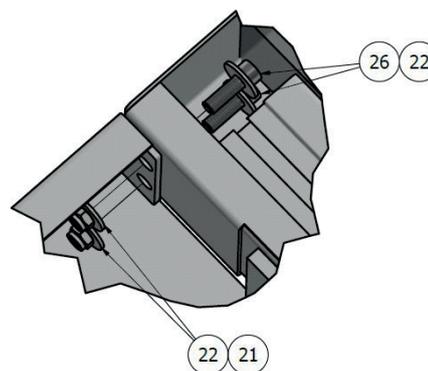
Step 2 – assembly	
2.1	<b>Assembling the front frame</b>  <b>Attention! Lacquered parts of the goal are fragile! Please assemble them on a flat, debris-free surface (preferably on a carpet or other soft lining).</b>
Assemble the crossbar using: 1) Crossbar (6) – 1 pcs 2) Goalpost left (4) – 1 pcs 3) Goalpost right (5) – 1 pcs 4) Connector 90x15x6 (15) – 1 pcs 5) Hex socket button cap screw (23) – 8 pcs	
	2.2  <p>Connect hinges (right and left one) to the pre-assembled frame using</p> <ol style="list-style-type: none"> <li>1) Right hinge (12) – 1 pcs</li> <li>2) Left hinge (13) – 1 pcs</li> <li>3) DIN 557 M8 square nut (24) – 8 pcs</li> <li>4) DIN 933 hex-head bolt M8x14 (29) – 8 pcs</li> </ol>
	

<b>2.3</b>	<b>Assembling the floats</b> 2.3.1 Install the positioning sleeve to the floats using: 1) Positioning sleeve (9) – 2 pcs 2) Right float (1) – 1 pcs 3) Left float (2) – 1 pcs 4) Clamping plate (14) – 2 pcs 5) DIN 912 Hex socket cap screw M10x100 (28) – 2 pcs 6) DIN 125 10,5 A4 stainless steel washer (17) – 2 pcs 7) DIN 985 M10 nut (18) – 2 pcs		
			
<b>Join together side and rear floats:</b>			
2.3.2	In the rear float (3) you will find 4 screws and 4 nuts pre-assembled. Loosen the nuts and remove the screws:	2.3.3	Move the rear float into the side ones:
			
2.3.4	Move the 80x40 mm rectangular profile towards the front to hide it below the float's casing:	2.3.5	Screw the previously removed bolts with nuts tightly
			

2.3.6

Additionally secure the connection of floats with the following bolts:

- 1) DIN 985 M8 nut (21) – 4 pcs
- 2) DIN 9021 A8,4 enlarged stainless steel washer (22) – 8 pcs
- 3) DIN 912 Hex socket cap screw M8x25 (26) – 4 pcs

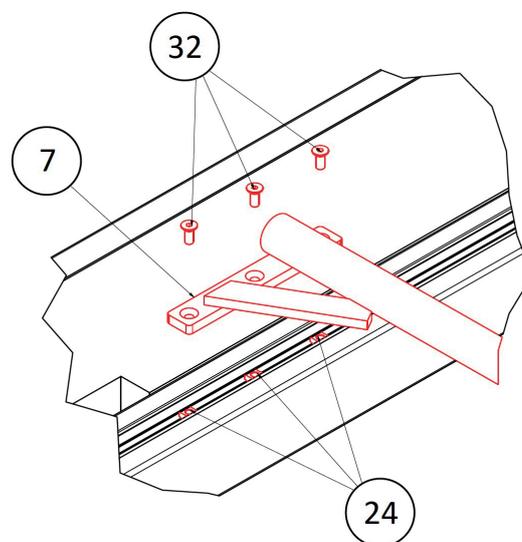
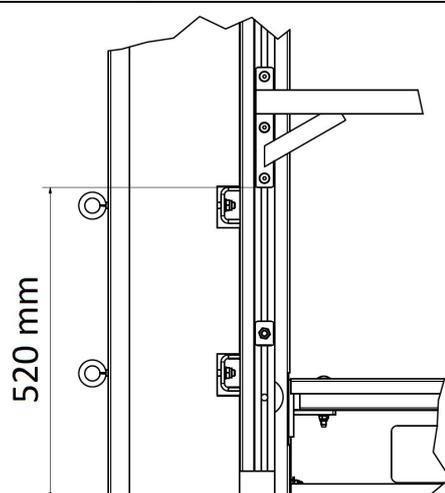


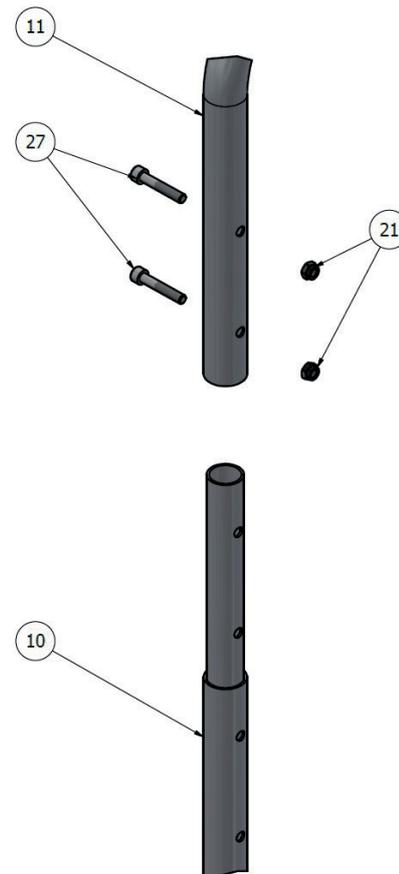
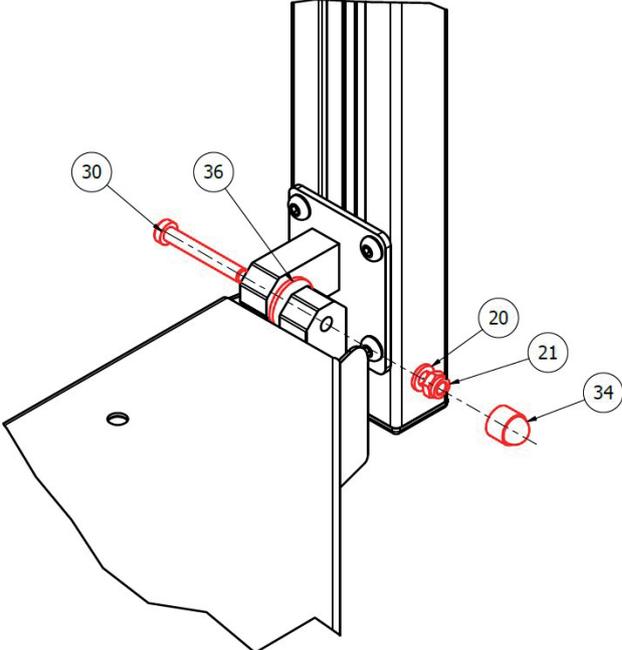
2.3.7

Connect the bottom reinforcing strut (7) to the side floats using:

- 1) DIN 557 M8 square nut (24) – 6 pcs [place them in the aluminum profile's groove]
- 2) DIN 7991 hex socket countersunk head cap screws M8x20 (32) – 6 pcs

Keep the distance of 520 mm between the outer edge of the float and the front edge of the support tube's plate.



2.4	<p><b>Assembling the net support</b></p> <p>Connect the straight tube (10) with the L-shaped tube (11) using:</p> <ol style="list-style-type: none"> <li>1) DIN 985 M8 nut (21) – 4 pcs</li> <li>2) DIN 912 Hex socket cap screw M8x45 (27) – 4 pcs</li> </ol>	
	<p>End result:</p> 	
2.5	<p><b>Assembling the front frame with floats</b></p> 	<p>Use the following parts to connect the goal's frame with the pre-assembled floats:</p> <ol style="list-style-type: none"> <li>1) DIN 127 A8 spring washer (20) – 2 pcs</li> <li>2) DIN 985 M8 nut (21) – 2 pcs</li> <li>3) DIN 6912 socket head screws (low head) M8x55 (30) – 2 pcs</li> <li>4) DIN 9021 <math>\varnothing</math>10 enlarged washer (plastic) (23) – 2 pcs</li> </ol> <p>Put the plastic cap (34)  on the nut.</p> 

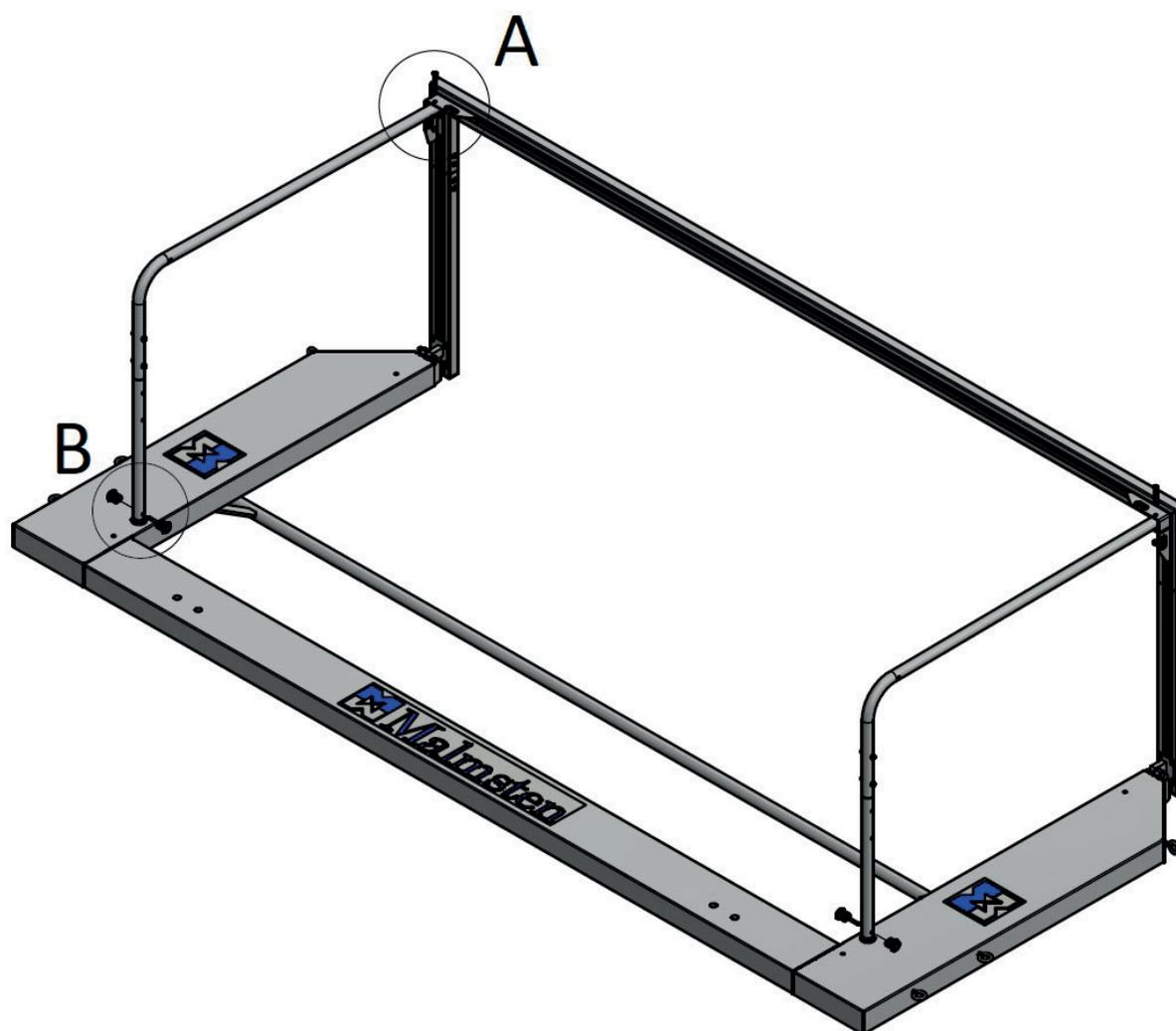
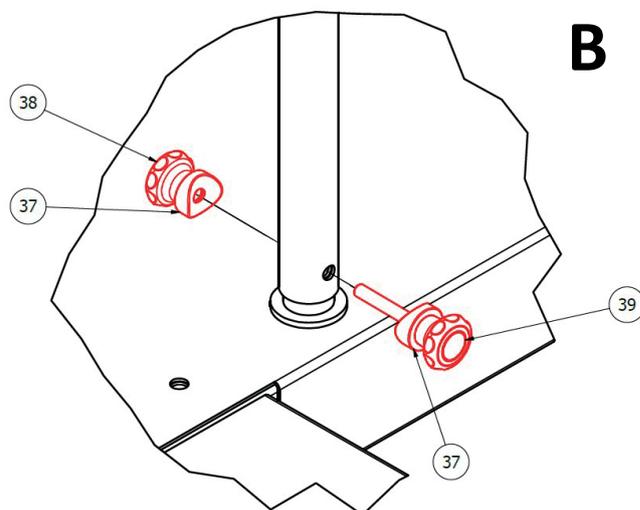
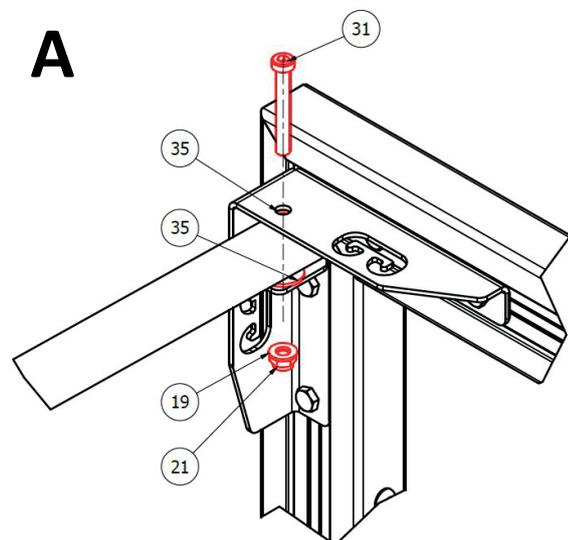
Connect the previously assemble tubes (10) & (11) to the:

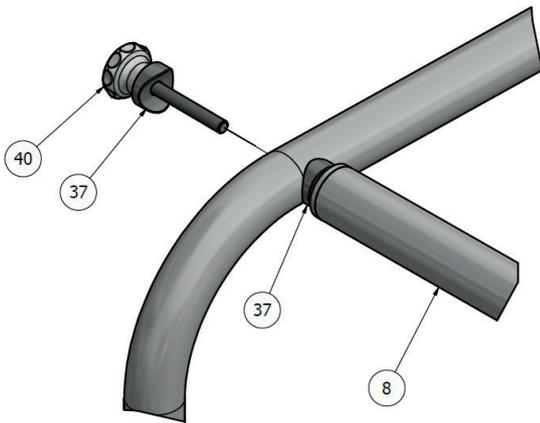
Front frame using:

- 1) DIN 125 A8,4 washer (19) – 2 pcs
- 2) DIN 985 M8 nut (21) – 2 pcs
- 3) DIN 6912 socket head screws (low head) M8x60 (31) – 2 pcs
- 4) DIN 9021 ø8 enlarged washer (plastic) (35) – 4 pcs  
(place the plastic rings between the tube and hinge, so it prevents from scratches)

Floats using:

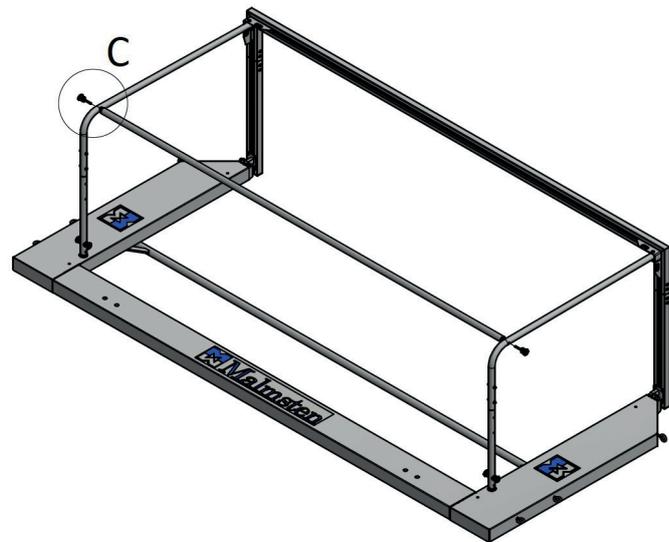
- 5) Rubber distance pad (37) – 4 pcs  
(one pad on each side, with a flat part directed outside)
- 6) Star knob (M8 inner thread) (38) – 2 pcs
- 7) Star knob (with M8x60 bolt) (39) – 2 pcs



**C**

Connect the net support side-tubes with the straight pipe (8) using:

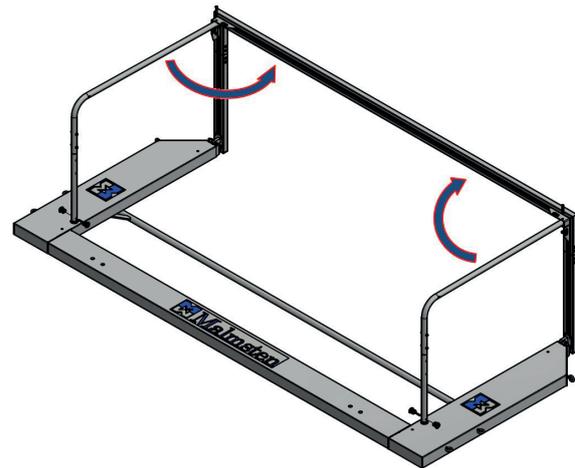
- 1) Rubber distance pad (37) – 8 pcs
- 2) Star knob (with M8x65 bolt) (40) – 2 pcs



2.5.1

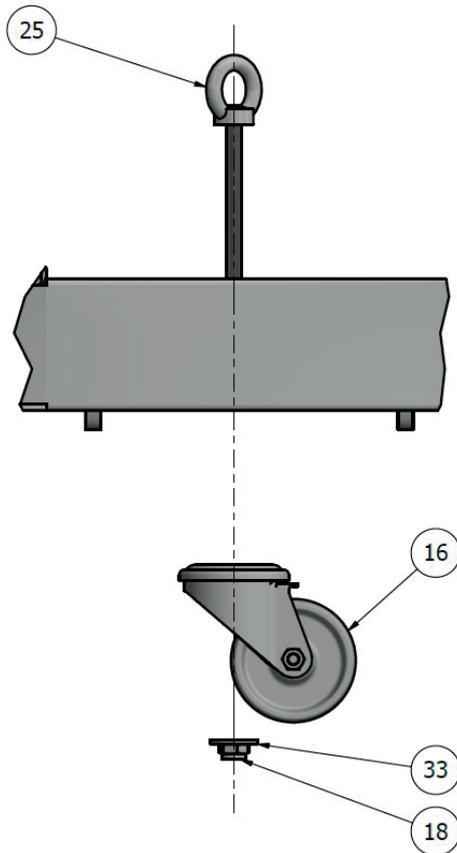
**Important notice**

The goal can be fold easily to storage position by removing the star-knobs (38 & 39) and by folding the net support towards the front frame.



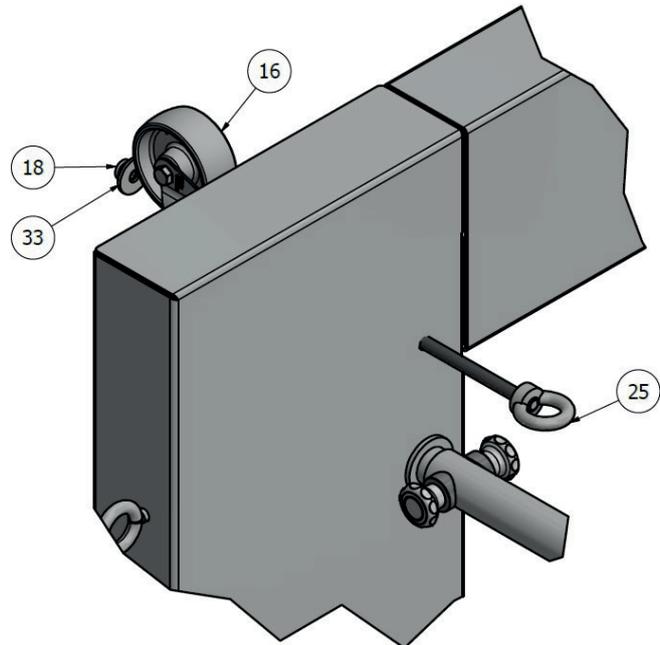
2.6

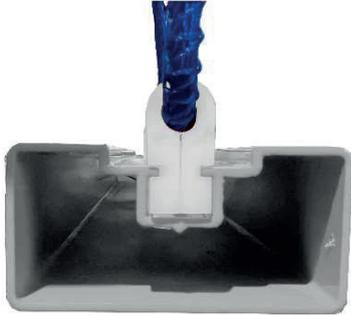
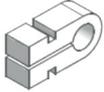
## Installation of the castors



Assemble 4 castors (16) to the base of the goal with the use of:

- 1) DIN 985 M10 nut (18) – 4 pcs
- 2) Eyelet screw with metric thread (25) – 4 pcs
- 3) DIN 9021 A10,5 enlarged washer (A4) – 4 pcs



2.6	<b>Installation of the net</b>	<p>Use provided "omega" net hooks to install the net to the goal's frame and floats, by placing the net inside the hook and then putting it into the groove in the profile:</p> 	 <p>Put one "omega" hook every second mesh of the net.</p>

### III. Maintenance and Service

**To ensure long-lasting and safe use of the equipment, periodical inspections are required:**

- Every time before using the equipment:
- Visually check if there are any parts damaged or missing
- Check if all the devices are installed correctly and secured to prevent tilting/moving
- Every 6 months a detailed check-up of the equipment is required:  
Visual checkup if any deformities, damages, missing or worn out parts (bolts, nuts, net hooks, etc.) have occurred. Tighten all assembly nodes (in order to make sure that all screws and nuts are tightened).

**Care and Usage Instruction:**

- Only use tools delivered with the goal for periodical tightening of the screws, otherwise the bolts and nuts may corrode.
- After using the product it is required to wash it with tap water and let it dry before placing it in a storage room. Only light detergents like dish soap can be used for cleaning. Alcohol-based detergents might damage the goal.
- It is recommended to dry the goal with paper towels or microfiber cloth after pulling out of the water and rinsing it with tap water.
- It is required for the goal to be stored in a dry area, preferably in a separate, well ventilated area.
- If any atypical signs are noticed (for instance squeaky noises, missing elements, or visual damages) immediately stop further usage of the equipment and report the problem to the manufacturer or its authorized distributor.
- All portable/floating devices must be installed and operated only by designated and trained personnel.

**WARNING:**

**Storage and usage shall be so that no unauthorized person or child can accidentally be injured by a falling or tilting goal. Usage in the pool; the goal shall be secured in position by 4 goal lines. In storage; ensure safe locked storage.  
THIS IS NOT A TOY!**



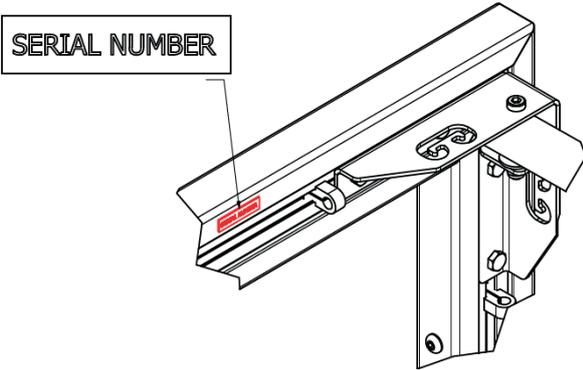
<b>IV. TERMS OF WARRANTY</b>								
<b>1</b>	<b>General Provisions</b>							
1.1	M. MALMSTEN AB (the “Manufacturer”) provides the limited warranty (the “Warranty”) to the purchaser of the Equipment. Warranty is only valid in the facility in which the Equipment was originally installed. The Warranty is valid from the time of the final acceptance of the building or from the date of delivery and to the timeline listed below, under the terms and conditions stated below.							
	<table border="1"> <thead> <tr> <th>No.</th> <th>Element</th> <th>Warranty</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1511001 Water Polo Goal Malmsten</td> <td>12 months</td> </tr> </tbody> </table>		No.	Element	Warranty	1	1511001 Water Polo Goal Malmsten	12 months
No.	Element	Warranty						
1	1511001 Water Polo Goal Malmsten	12 months						
1.2	The manufacturer warrants the Equipment against defects in material or factory workmanship which is caused by failure of the Equipment within the applicable Warranty Period.							
1.3	In case of a defect discovered, the purchaser is obtained to immediately (not later than after 7 days) inform the manufacturer or authorized distributor about the problem. The manufacturer or its authorized distributor will answer within 14 days and will propose a way to solve the issue.							
1.4	The purchaser is obtained to provide information about failures or defects in writing to info@malmsten.com or to a local authorized distributor.							
1.5	The information about warranty claims should include the serial number (printed on the upper right corner of the crossbar – see picture below), description of the issue and date of discovering of the defect. Photographic documentation will be required.							
1.6	The manufacturer/distributor, once it confirms the existence of a covered defect will (at its sole discretion) repair or replace the defective parts.							
1.7	Defects or damages that occurred during proper use will be repaired or replaced by the manufacturer or by the authorized distributor.							
1.8	The warranty covers the costs of investigation, production and shipping. Disassembly of the damaged and installation of the new/repaired part/parts is not covered.							

**WARNING:**

All unauthorized (not provided by the distributor or manufacturer) self-repairs, adjustments or interferences in the equipment can cause irreparable damages and dangerous, life-threatening accidents.



<b>2</b>	<b>Exclusions and Conditions:</b>
	<ul style="list-style-type: none"> <li>• Operations, which shall be made by the user and on his cost, such as maintenance of cleanliness, periodical checkups (as in point 2.1)</li> <li>• Mechanical and chemical damages caused by improper use and maintenance (i.e. attempts of self-repair; lack of maintenances and inspections; using inadequate cleaning agents, adjustments made by the user)</li> <li>• Mechanical damages caused by the excessive burden on the equipment</li> <li>• Damages caused by the user or third party (including acts of vandalism) hang, swing or climb on the equipment</li> <li>• Consumable parts (like nets, net hooks, etc.)</li> <li>• Damages caused by operation of the equipment by non-authorized persons</li> <li>• Installation of the equipment not performed in accordance with the assembly manual</li> <li>• Damages caused by natural disasters such as floods, fire, wind, lightning or other acts of nature</li> <li>• Damages caused by usage not in accordance with equipment destination</li> </ul>
<b>3</b>	<b>Post-warranty Services</b>
3.1	After the warranty expires, it is recommended to order a professional post-warranty service performed by the authorized distributor once every 12 months in order to make sure, that the equipment is in good condition and can be used safely.
3.2	In case of a failure discovered after the time of warranty, the user might inform the manufacturer or it's authorized distributor about the problem in the same way which is described in point 1.4. The manufacturer or distributor will offer a solution to the problem within 7 days. After the claim is accepted, both parties will agree on a suitable term of repairs.

<b>LOCATION OF THE SERIAL NUMBER:</b>	
	<p>The serial number consists of XX/YYYY/ZZZZ where:</p> <p>XX – calendar week of manufacturing          YYYY – year of manufacturing          ZZZZ – serial number</p>
	<p> <b>Removing the sticker will void the warranty.</b></p>
	<p>Sample view:</p> <div style="border: 1px solid black; padding: 10px; text-align: center; font-size: 1.2em; font-weight: bold;">IP/42/2022/30957</div>