Livestock shelter 6 × 10 m

Dimensions 6 × 10 × 3.7 m · arch spacing 2 m

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6 × 10 × 3.7 m

BEFORE ASSEMBLY

TECHNICAL DATA

WIDTH	LENGTH	HEIGHT
6 m	10 m	3.7 m

ARCH SPACING
2 m

IMPORTANT – READ THE INSTRUCTIONS BEFORE ASSEMBLY

Incorrect site preparation, assembly or maintenance can cause unnecessary and costly errors. Each part is marked with a number given in the parts list – follow these numbers and the drawings during assembly.

- Tension the roof cover sufficiently so that no sagging ("pockets") forms on the roof, and retighten it once or twice after a few months of use.
- This applies especially to assembly in cold weather (autumn or winter): the cover is stiffer then, slackens when it gets warmer and must be retightened before the next winter.
- The owner is responsible for removing snow from the roof immediately if it does not slide off by itself.

SAFETY DURING ASSEMBLY

1. Keep the work area clean. Clutter increases the risk of injury. Do not erect the shelter near snowdrifts, on slippery or wet surfaces or in strong wind.
2. Children must be kept away from the work area.
3. Do not lean out. Keep a stable stance and balance throughout the assembly.
4. Do not carry out assembly under the influence of alcohol, drugs or medication that may affect judgement or reflexes. If in doubt, do not carry out the assembly.
5. Allow for windy weather. If there is a risk of strong wind, fix the base in concrete. Remove the cover during a windstorm.
6. Be careful with heat and electrical power sources. Do not place heat sources near the cover and do not expose it to open fire.
7. Pay attention to personal safety during assembly and use. Take care not to trap your fingers between the clamps and tubes. During use, ensure sufficient ventilation to remove exhaust gases and other hazardous fumes.

TOOLS AND EQUIPMENT

Measuring tape · Alignment string · Stakes · Ladder or scissor lift · Hammer · Drill · Spanner · Knife · Lifting device

CHECK THE DELIVERY

PARTS LIST

NO.	Part name	Pcs
1	Roof arch tube	6 pcs
2	Side wall arch tube	12 pcs
3	Vertical support leg	12 pcs
4	Longitudinal beam (purlin)	25 pcs
5	Railing for side, front and rear walls	30 pcs
6	Base plate – centre	8 pcs
6L	Base plate – left corner	2 pcs
6R	Base plate – right corner	2 pcs
7	Base plate for front and rear door	4 pcs
8	Lower vertical leg for front and rear door	4 pcs
9	Upper vertical leg for front and rear door	4 pcs
10L	Left door	1 pcs
10R	Right door	1 pcs
11	Door beam for both doors	2 pcs
12	Single tube clamp with bolt M10 × 30	24 pcs
13	Double tube clamp with bolt M10 × 30	36 pcs
16	Clip	4 pcs
18	Lower roof cover tensioning tube	2 sets
19	Roof cover	1 pcs
19A	Rear cover	1 pcs
20	Ratchet tensioner 1.5"	12 pcs
22	Rope (bundle)	1 bundle
23	Anchor stake	36 pcs
14	Carriage bolt M8 × 80	96 pcs
15	Carriage bolt M10 × 90	30 pcs
17	Self-tapping screw	60 pcs
20A	Tensioning strap	12 pcs
24	Plastic end cap Ø 32 mm	4 pcs
25	Plastic end cap Ø 40 mm	34 pcs

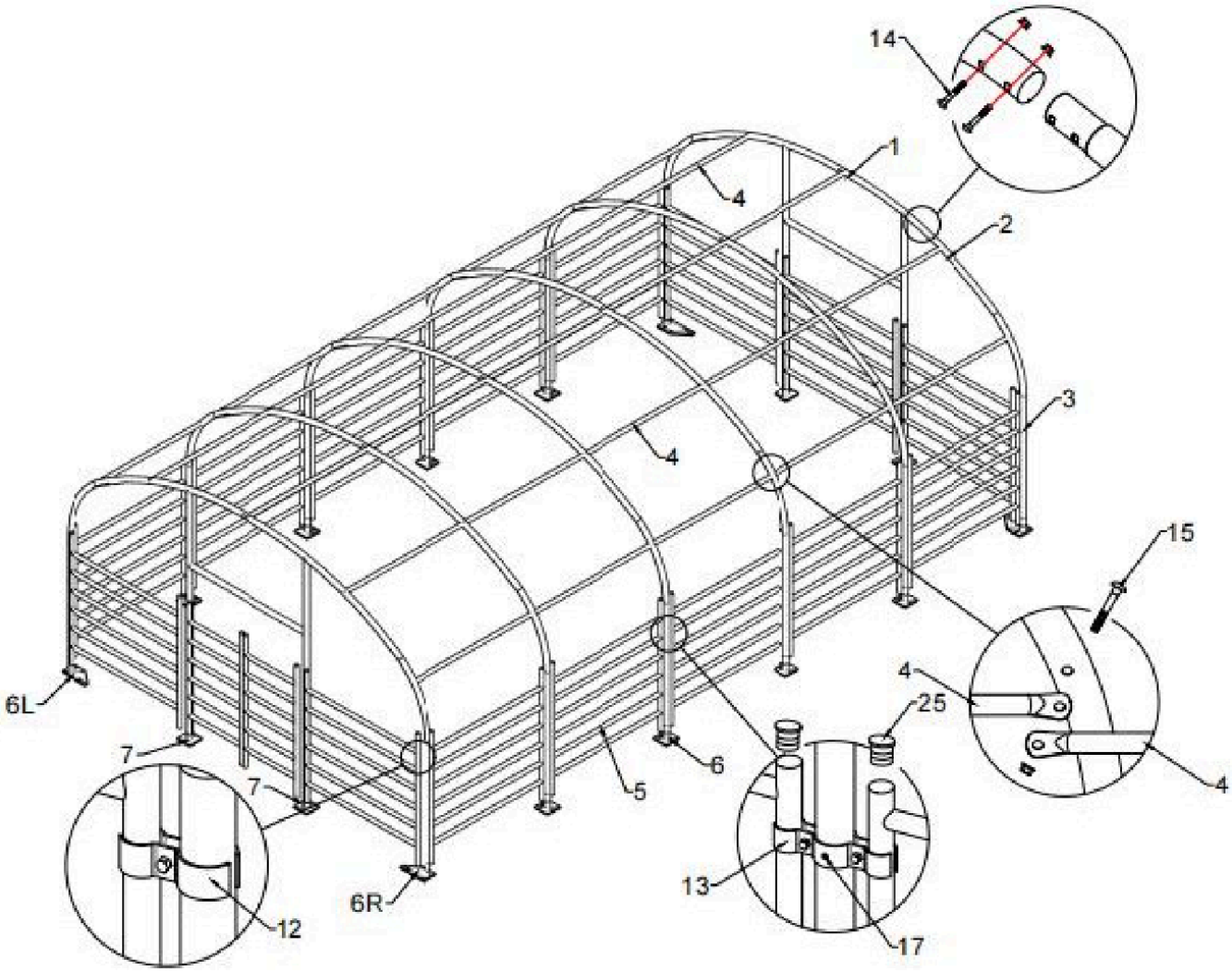

Fig. 1 – General frame drawing with part numbers

ASSEMBLY · PART A

INSTALLING THE BASE

When laying out the base plates, follow the drawing (Fig. 2).

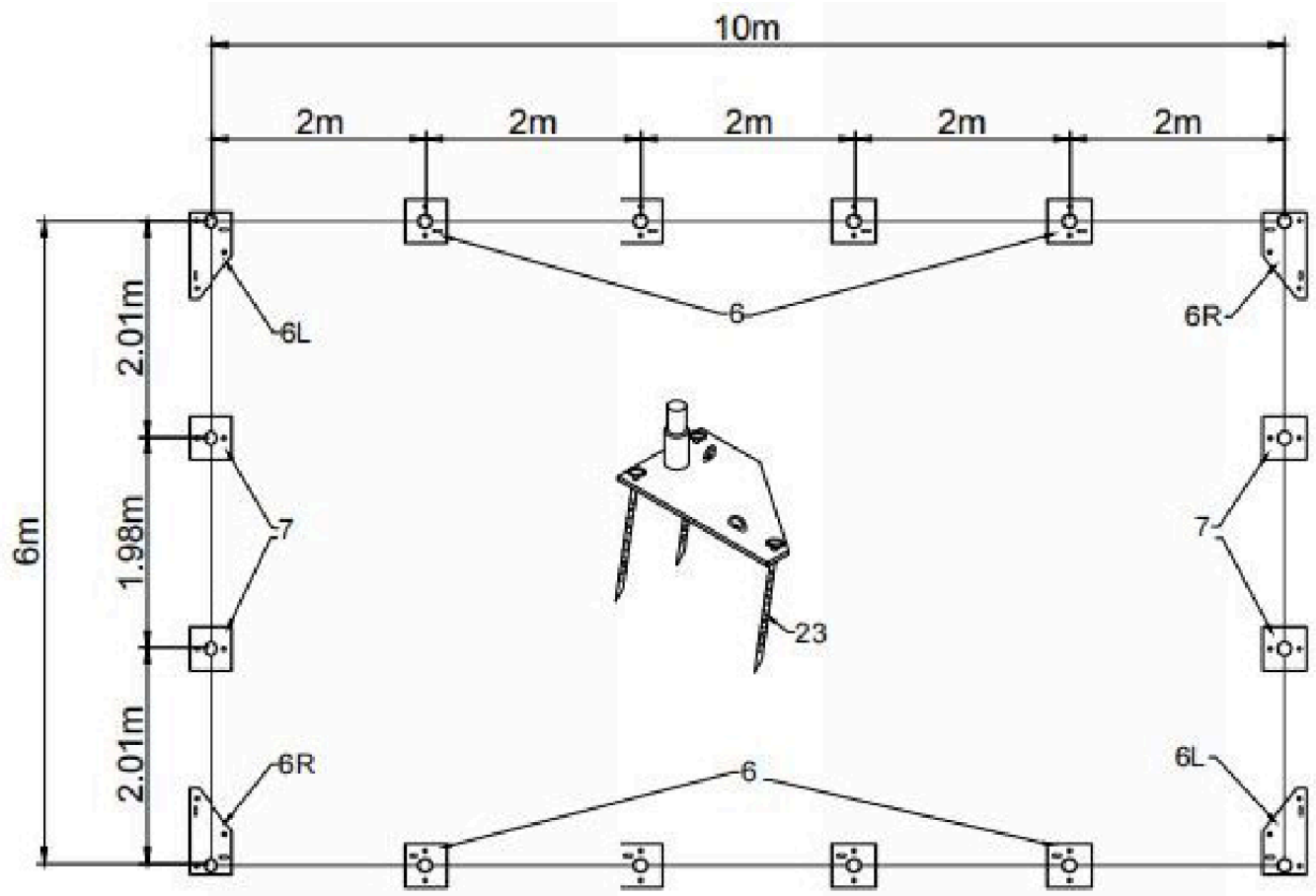

Fig. 2 – Base plate layout (dimensions in m)

1 Dimensions are measured from tube centre to tube centre on the base plates. Check the position of the base plates against the drawing. Each base plate has four stake holes and comes with 4 anchor stakes (No. 23), as shown in Fig. 2.

2 Push a stake through the hole in the base plate and mark where it is to be driven in. Then set the base plate aside – the marked points give the stake positions.

NOTE

The anchor stakes are intended for normal conditions – they are not suitable for stony terrain, frozen ground or concrete surfaces.

ASSEMBLY · PART B

STRUCTURE ASSEMBLY

1

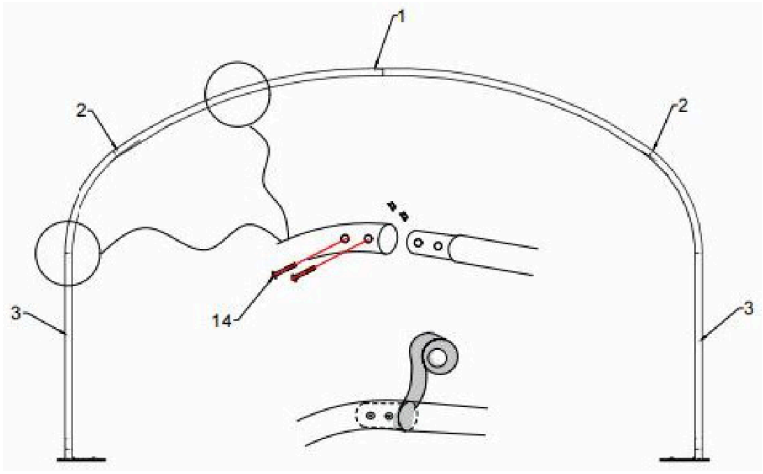

Fig. 3 – Arch assembly

Assemble the arch: connect the roof arch tube (No. 1), two side wall arch tubes (No. 2) and two vertical support legs (No. 3) with M8 × 80 carriage bolts (No. 14).

2

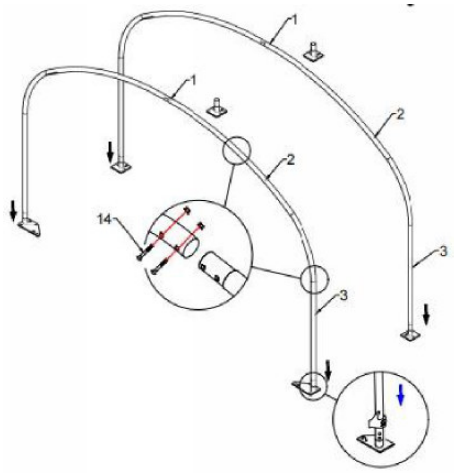

Fig. 4 – Fitting arches on base plates

Fit the vertical legs of the arches onto the base plates according to Fig. 4.

3

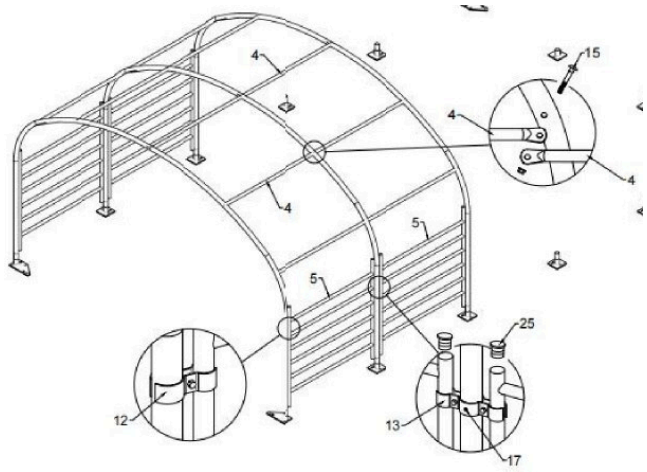

Fig. 5 – Longitudinal beams and side railing

Connect the arches with the longitudinal beams (No. 4) and M10 × 90 carriage bolts (No. 15). Fix the railing (No. 5) to the legs with single (No. 12) and double tube clamps (No. 13) with self-tapping screws (No. 17), and fit plastic end caps Ø 40 mm (No. 25) on the railing ends.

ASSEMBLY · PART C

FRONT AND REAR WALL, REAR COVER

1

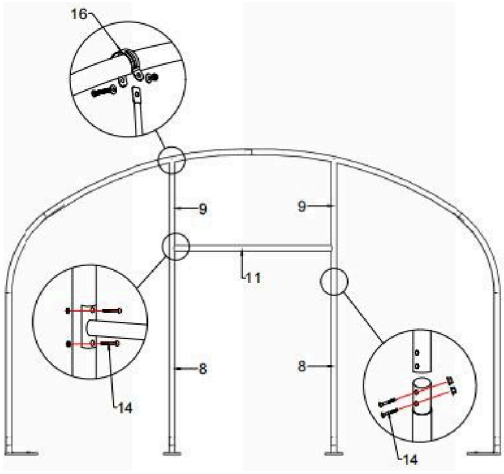

Fig. 6 – Door frame

Assemble the door frame: connect the lower (No. 8) and upper vertical legs (No. 9) with M8 × 80 carriage bolts (No. 14), fit the door beam (No. 11) between the upper legs with bolts No. 14 and fix the upper legs to the arch with clips (No. 16).

2

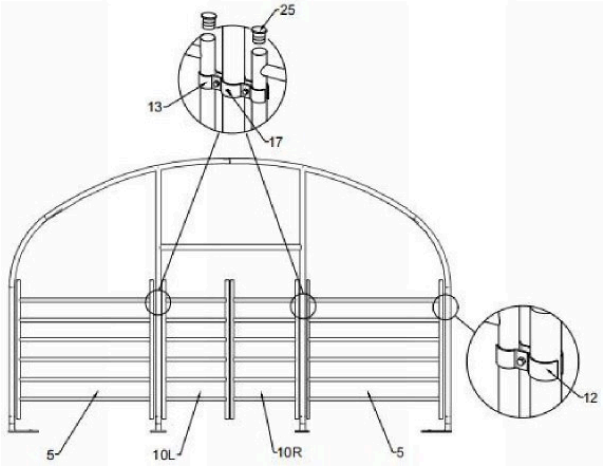

Fig. 7 – Front wall

Front wall: fit the railing (No. 5) and the doors (No. 10L and 10R). Fix the railing with single (No. 12) and double clamps (No. 13) with self-tapping screws (No. 17) and close the ends with caps No. 25.

3

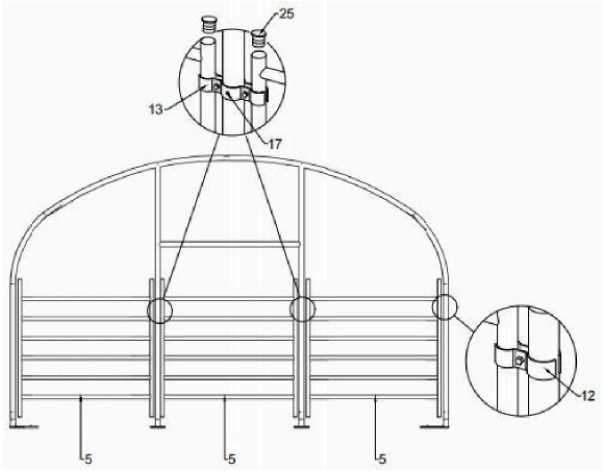

Fig. 8 – Rear wall

Rear wall: fit the railing (No. 5) in the same way – clamps No. 12 and 13, screws No. 17, caps No. 25.

4

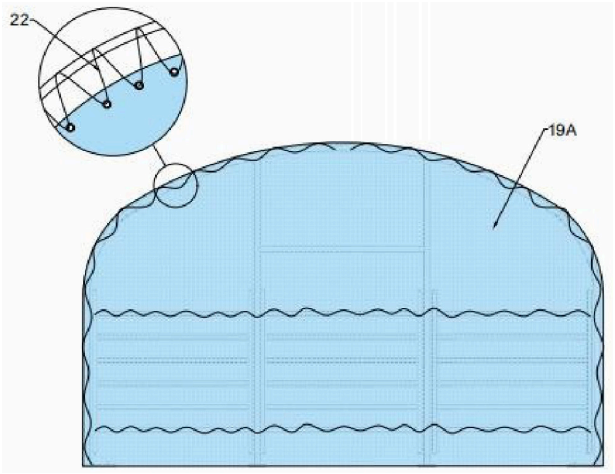

Fig. 9 – Rear cover

Tie the rear cover (No. 19A) with rope (No. 22) to the arch and the rear wall frame.

ASSEMBLY · PART D

INSTALLING THE ROOF COVER

CAUTION

Do not install the roof cover on the frame in strong wind.

1

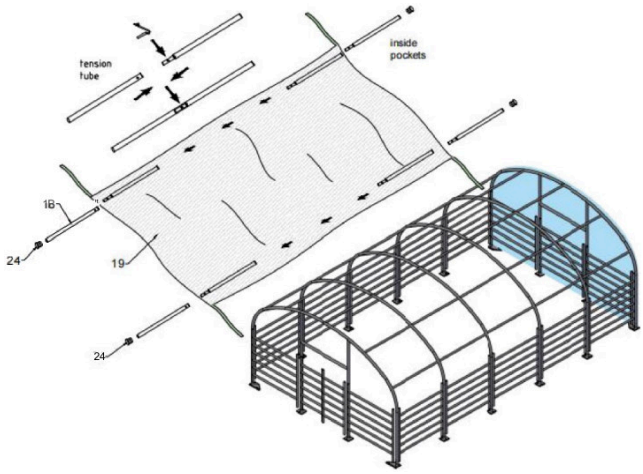

Fig. 10 – Tensioning tubes in the roof cover pockets

Insert the lower tensioning tubes (No. 18) into the roof cover (No. 19) pockets and close their ends with plastic end caps (No. 24).

2

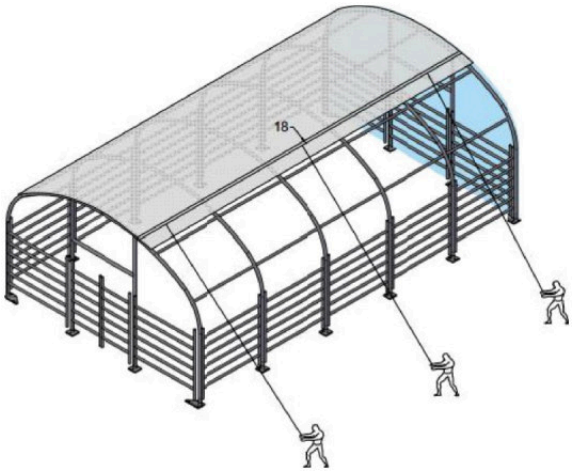

Fig. 11 – Pulling the roof cover over

Ask several people to throw the ropes over the structure and use the ropes to pull the roof cover over the frame.

3

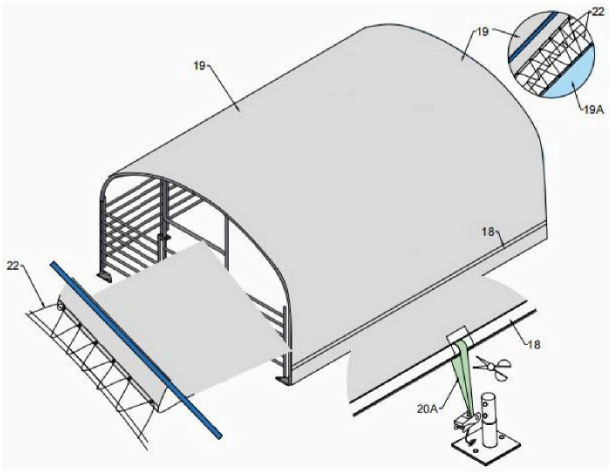

Fig. 12 – Tensioning and fixing the roof cover

Tension the cover: attach the tensioning tubes (No. 18) to the base plates with tensioning straps (No. 20A) and ratchet tensioners (No. 20). Tie the roof cover edges with rope (No. 22) to the arch and the rear cover (No. 19A).

MAINTENANCE

MAINTENANCE AND USE

- After completing the frame assembly, tape over the gaps in the structure with fabric tape.
- Check and adjust the roof cover every month – it must be smooth and well tensioned.
- Retighten the cover after a few months of use and before winter.
- Remove snow from the roof immediately if it does not slide off by itself.

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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