

H&L Igloo Verandah Installation Manual

Dear Customer!

We congratulate you on your purchase of the H&L Igloo Verandah. We wish you that it will contribute to your satisfaction with healthy calf rearing.

The following installation instructions are meant to make installing the H&L Igloo Verandah easier for you. Please note also the installation manual for the H&L Igloo, in particular the safety messages contained in it. Some of the details shown by the photographs in this manual may not correspond to the H&L Igloo Verandah as it is currently shipped. The reason is that your H&L Igloo Verandah is supplied in the most up-to-date version, including all technical improvements.

The installation will require 3 persons and the following tools:

- Driller with 11mm bit for wood and 6.5 / 8.5 / 10.5mm bits for metal
- Tape measure
- Grease gun
- Wireless driller-screwdriver with 8 / 10 / 11mm nuts
- Step ladder (2 units)
- Chalk line
- 2 to 3 screw-clamps
- Spanners :
2 size 10, 2 size 13, 2 size 17, 2 size 22
- Multi-grip pliers
- Bow saw/backsaw
- Hammer

Installation Instructions

Please refer to the component overview drawing!

Start by mounting the basic frame.

1. For the installation of the H&L Igloo Verandah, select a place that is as level as possible.

Position the lateral (IV1110) and the front/rear segments (IV1210) at this location according to a 5 x 5 metres set-up.

Note:

- taller side of the lateral segments toward the igloo
- fastening brackets of the rear gates (IV1310) pointing toward the igloo



2. Connect a lateral segment (IV1110) to a front/rear segment (IV1210) (10 x 140mm with square washers on both sides).



Do not tighten the nuts completely at this point!



3. Connect the other lateral segment (IV1110) to the front/rear segment that was just mounted (IV1210).



4. Install the other front/rear segment (IV1210) between the two mounted lateral segments (IV1110) (10 x 140mm with square washers on both sides).



5. Push the support legs (IV1820) into those square pipe support posts of the lateral segments (IV1110) where **no tyres** will be installed. Secure the support legs (IV1820) with bolts (10 x 100mm).



6. Bolt the tire admission with the rim of the tire



7. Slide the axle of the wheel suspension (IV1810) into the pipe located on the wheel and secure it with a U washer and a pin. Grease this connection through the provided nipple.



8. Lift the square pipe support post of the lateral segment (IV1110) in order to install the wheel suspension into the bottom of the square pipe.

Keep in mind the direction of movement of the H&L Igloo Verandah.



9. Align all segments of the Verandah properly on account of the distance between the square pipe support posts located diagonally from each other. Both diagonal lines between the respective corners (across the frame) have to have the same length.

At this point, tighten all nuts.



10. Install the spacer bar (IV1490) at the front segment (IV1210) (10 x 70mm).



11. Since the separation fences (IV1320) are preinstalled in the lateral segments (IV1110), no installation work is needed.

However, if you prefer installing the feed fencing (IV1400) into a lateral segment (IV1110), the separation fence (IV1320) has to be taken out of the lateral segment and has to be installed into the front segment (10 x 140mm with square washers on both sides).



12. Install the feed fencing (IV1400), at your discretion, either into a lateral segment or the front segment (IV1210 or IV1110).



13. To install the feed fencing (IV1400), the mobile strut bar can be removed. After installing the feed fencing, put the bar back into place in the fence.



14. At each segment of the feed fencing (IV1400), fasten two mounting brackets (IV1540) to the frame of the feed fence (IV1400) (10 x 70mm). In doing so, ensure that the bunk will be easily accessible from each feeding spot. Fasten the bunk holders (IV1510) to the mounting brackets (IV1540) (10 x 30mm).



15. Secure the stainless steel bunk (IV1530) to the bunk frame (IV1520) (6 x 20mm carriage bolt and 6mm washer). Slide the bunk frame (IV1520), with the stainless steel bunk (IV1530) in it, into the provided boreholes in the bunk holders and secure it with ring pins. The bunk assembly can then be suspended from the feed fencing using chains (0.75m).



16. To install the rear gates (IV1310), fasten them to the provided fastening brackets, using bolts (14 x 40mm) and nuts (M14).



17. Mount the supports (IV1220) for the chain-supported fence to the rear segment (IV1210) (10 x 30mm).



18. Screw the lifting eye bolt into the rear gate (IV1310) vertically (10 x 55mm lifting eye). Click the spring hooks into the lifting eye. Install the chains (1.5m) that will support the fence at the rear segment (IV1210) (8 x 60mm with 8mm washer).



19. To install the chain-supported fence, slide a chain link horizontally over the pipe of the fence (IV1230). Secure it to the pipe with a bolt (6 x 35mm) and a nut (M6).

Make sure that the pipes are positioned at approximately the same distance from each other as the bars of the rear gates.

