



Manual
for
Greenhouse Tunnel
7,5m Series

DANCOVER[®]

.com

Safety Advice

Attention

In some countries or areas, you may have to obtain permission when setting up structures like greenhouses or similar buildings exceeding a certain size. It is your responsibility to comply with local rules and regulations and to ensure that the greenhouse is assembled correctly.

Please note that your polytunnel greenhouse is intended as a seasonal form of coverage and not as a permanent structure! During windy weather, we advise you to secure your greenhouse or in case of strong wind, take it down. Overall, we advise you to place your polytunnel greenhouse in the lee of a building, trees or other objects that will protect the greenhouse from too strong and direct wind.

When it rains, water may pile up on top of your polytunnel greenhouse causing it to collapse. It is your responsibility to keep the roof of the greenhouse free of gathering water. Be sure that the cover is fully extended at all times and make sure to remove water that builds up during rainfall.

In case of bad weather in general, please secure loose objects in the garden, e.g. the garden trampoline and other things that may cause a danger for your polytunnel greenhouse. Furthermore, do not use open fire, welding equipment or other sources of ignition, inside or close to the greenhouse.

When you buy a greenhouse and set it up in your garden, we recommend that you check, whether your home insurance covers the structure. At the same time, you are not supposed to be inside the greenhouse during extreme weather conditions.

This structure has not been tested for specific snow and wind loads! Make sure you follow our general safety advice and in the event of snow, always remove excessive amounts of snow from the greenhouse to prevent too much snow on the roof of the greenhouse. Snow is likely to make the entire structure to collapse; hence our advice about seasonal use only.




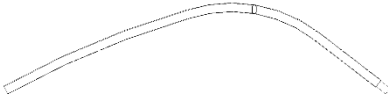
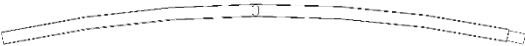

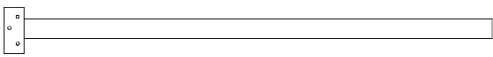

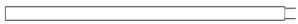
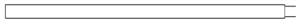


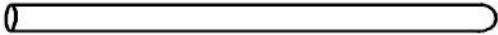
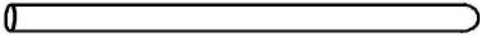
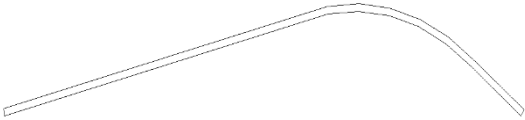


Note: Dancover warranty applies only to the normal use of the greenhouse, normal wear and tear excepted, by written use instructions or manual. The warranty does not apply to damage caused by accident, abuse, misuse or modification of the greenhouse.

Warranty Information






Please visit dancovershop.com for information on warranty.

Please always check our website for the latest safety advice and manual.

7,5m Part list

Part no.	Description	Reference image	10m	20m
1	Leg tube		11	21
2	Leg tube		11	21
3-1	Sidewall tube		11	21
3-2	Sidewall tube		11	21
4	Top curved tube		22	42
5	Horizontal tube		15	30
6	Upper vertical tube		4	4
6-1	Upper vertical tube		4	4
7	Lower vertical tube L1400mm		4	4
8	Lower vertical tube L800mm		4	4
9	Roll film tube L2000mm		8	18
10	Roll film tube L2000mm		2	2
10-1	Vertical roll film tube		2	7
11	Roll film tube L1000mm		5	
12	Diagonal tube		4	4
13	Diagonal tube		4	4
14	Diagonal tube		4	4

15	Door		1	1
15-1	Door base		2	2
16	Film fixing groove		40	64
17	Spring wire		54	78
18	Oval clamp		33	63
19	Round plug		6	6
20	Tube clamp		4	4
21	U-shaped belt		16	16
22	Film rolling machine		2	2
23	Connecting piece		35	55
24	Rope		1	2
25	Pressure film carrier Ø25		30	60
26	Pressure film carrier Ø22		10	10
27	Ground anchorage		10	20
28	Self-tapping screw		540	900

29	Door buckle		1	1
30	Screw M8x55mm		4	4
31	Roof film		1	1
32	Skirt film		2	2
33	Mosquito net		2	2

1. Select a Suitable Day and Location

- Choose a day with calm weather and little or no wind for installation.
- Select a flat and level surface as the site for the greenhouse tunnel.
- Position the greenhouse tunnel along a north-south orientation, with the entrance facing away from the wind.

2. Mark the Ground

- Mark the ground with lines to indicate the positions of the holes, spacing one hole per meter.
- Draw all lines from the center of one hole to the center of the next, ensuring diagonal measurements are equal, as shown in Figures 1 and 2.

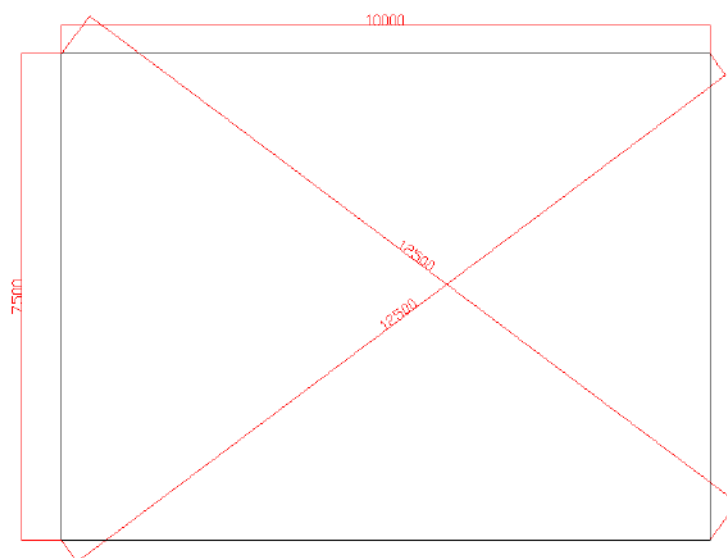


Figure 1

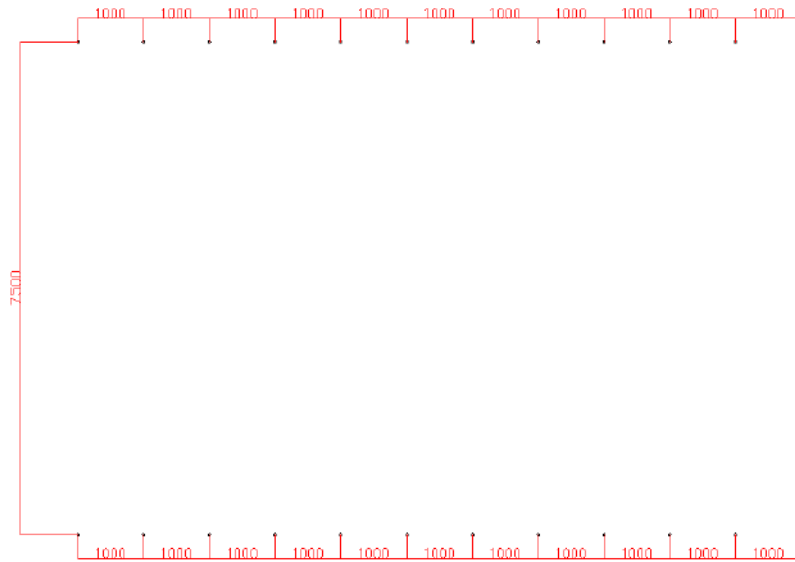


Figure 2

Note: All accessories such as grooves, spring wires, screws, belts, etc, must not extend beyond the greenhouse frame to avoid damaging the greenhouse film.

3. Drill the Holes

- Each hole of Leg tube must be drilled to a depth of 40 cm below ground level and compact the bottom of the hole.

4. Assemble the Tubes

- Connect the tubes in the middle (Nos. 1, 2, 3-1, 3-2 and 4) using two self-tapping screws (No. 28), as shown in Figure 3.
- Put the Sidewall tubes (3-1 & 3-2) at both gable ends through the Tube clamps (No. 20) for connecting with the Diagonal tubes (No. 14).

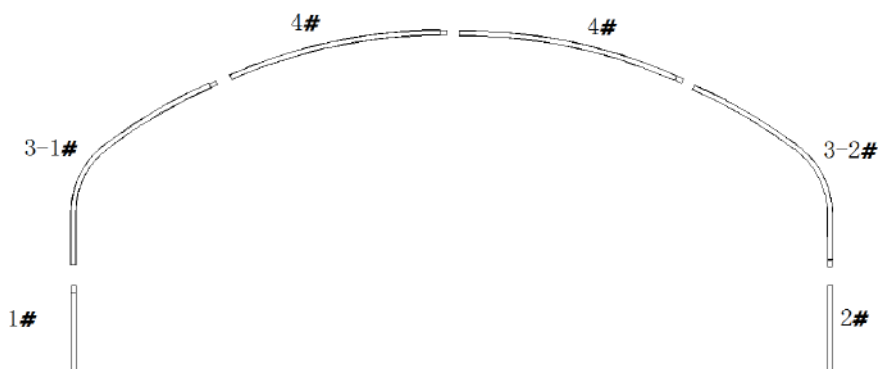


Figure 3

5. Insert the Leg tubes and Adjust the height

- Insert the Leg tubes (No.1 & 2) into the drilled holes and adjust the height to ensure they are same.

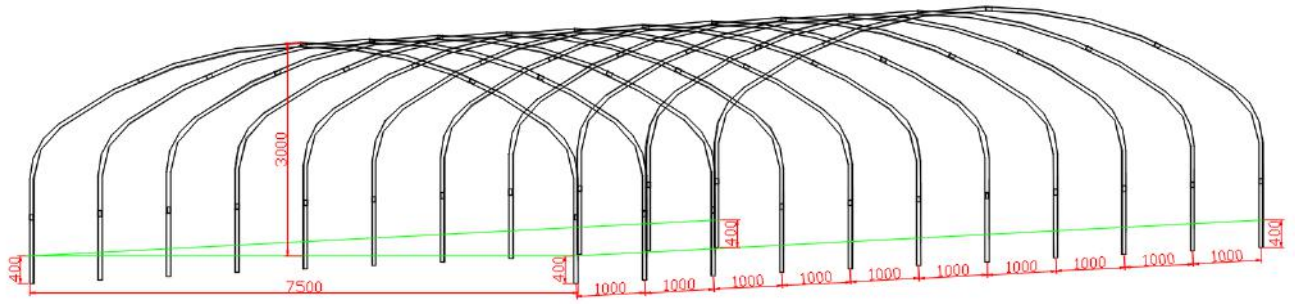


Figure 4

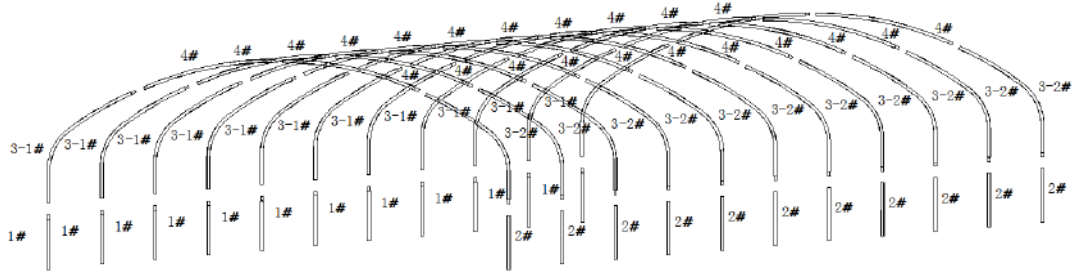


Figure 5

6. Assemble the Horizontal Tubes, Top Curved Tubes and Sidewall Tubes

- Ensure the spacing is uniform, with one leg positioned every meter, and fill the pre-drilled holes, shown as Figure 4.
- Connect the Horizontal tubes (No. 5) to the Top curved tubes (No. 4) and Sidewall tubes (No 3-1&3-2) using Oval clamp (No. 18), shown in Figure 6, 7, 8 & 9.



Figure 6



Figure 7



Figure 8

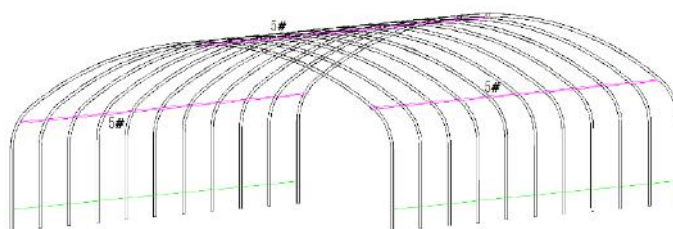


Figure 9

Extend the Horizontal Tubes if Necessary

If the Horizontal tube (No. 5) is not long enough:

1. For an 8x10m structure, cut the spare tube (No. 11) to the required length and connect it to the horizontal tube (No. 5) as needed.
2. For an 8x20m structure, cut the spare tube (No. 10-1) to the required length and connect it to the horizontal tube (No. 5) as needed.

Ensure the ends of the complete horizontal tubes do not extend beyond the frame. Use the round plugs (No. 19) to protect the Roof film.

7. Install the Gables

- Assemble and install the gables, as shown in Figures 10, 11 & 12.
- a. Insert the vertical tubes (No. 7 & 8) into the drilled holes, compact the bottom of the holes, and fill the hole walls with solid soil. Put the Vertical tube (No. 6 & 7) through the Door base (No. 15-1) for next door installation. Ensure that both gable ends form a plane perpendicular to the longitudinal direction.
 - b. Use the Self-tapping screw (No. 28) to connect the Vertical tubes (No. 6 & 6-1) to the Top curved tube (No. 4) and the Sidewall tube (No. 3-1 & 3-2).

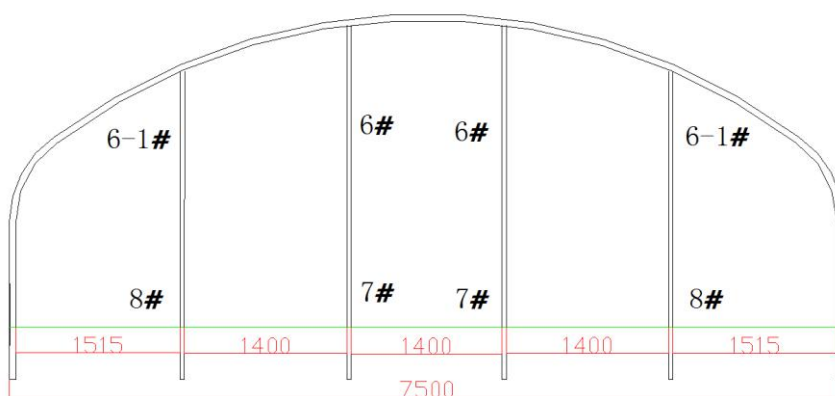


Figure 10

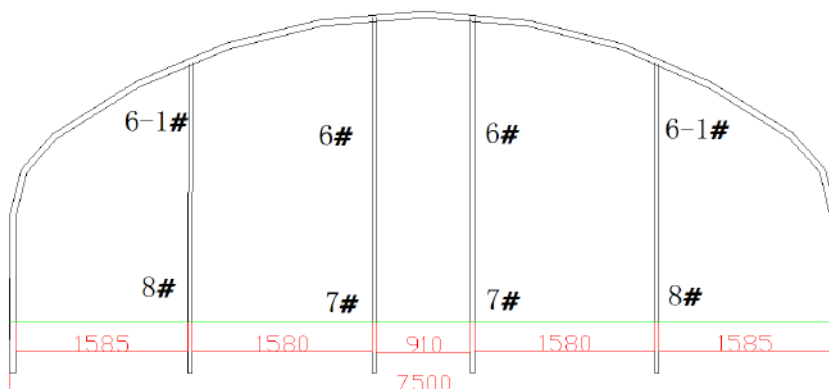


Figure 11

c. Install the Upper vertical tube and Lower vertical tube (No. 6 & 7) according to the width of the Door (No. 15). Fix the Door onto the Door base (No. 15-1), as shown in Figure 12.

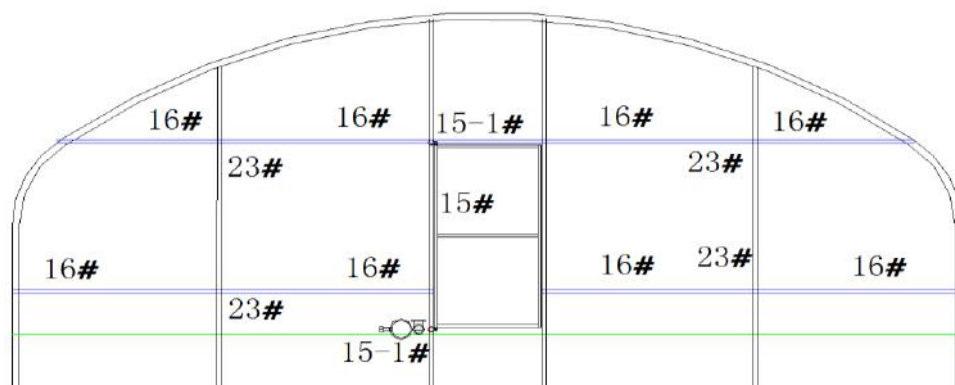


Figure 12

8. Install the Diagonal Tubes

- The diagonal tube assembly includes No. 12, 13, and 14.
- Connect the tubes (No. 14) to the sidewall tubes using tube clamps (No. 20 & 30), ensuring the tube (No. 14) is installed as high as possible.
- Firmly insert the tube (No. 12) into the ground and secure it using U-shaped belts (No. 21), as shown in Figure 13 & 14.

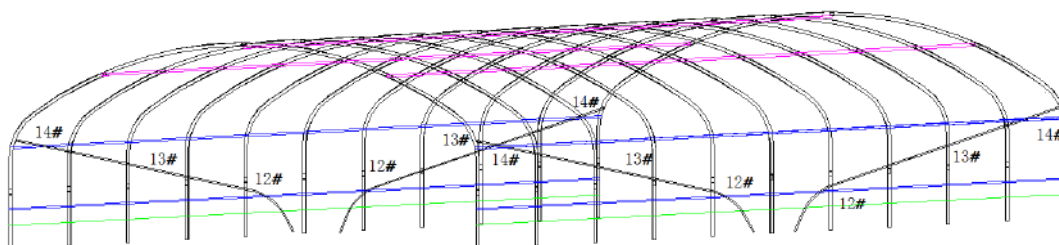


Figure 13

9. Install the Film fixing Groove (No. 16)

- Attach the Film fixing groove (No. 16) to the leg tubes (No. 1 and 2) and the sidewall tubes (No. 3-1 and 3-2).
- Position the lower Film fixing groove approximately 25 cm above the ground and the upper Film fixing groove approximately 110 cm above the ground, as shown in Figure 16.
- Use Connecting piece (No.23) to connect the Film fixing groove (No.16) with Film fixing groove, the screw heads should face inward toward the greenhouse tunnel.
- Secure the ends of the Film fixing groove using the Self-tapping screw (No. 28), as shown in Figure 15.



Figure 14



Figure 15

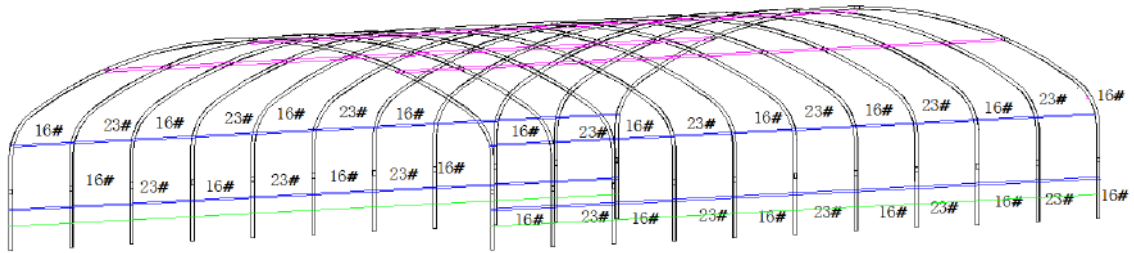


Figure 16

10. Install the Skirt Film and Mosquito Net

- Insert the Skirt film (No. 32) and the Mosquito net (No. 33) into the Lower Film fixing groove, securing them with Spring wires (No. 17).
- Cover the remaining Skirt film with soil later, as shown in Figure 20.

11. Install the Roof Film

- Ensure the Roof film is correctly oriented by locating the "OUTSIDE" marking at the four corners. This side should face outward.
- Evenly pull the Roof film over the frame.

12. Secure the Roof and Sidewall Films

- Use the Spring wires (No. 17) to fix the Roof film at both gable ends of the greenhouse.
- Attach the Sidewall film and the Mosquito net into the Upper Film fixing groove, as shown in Figure 17.
- Use the Pressure film carriers(No.26) to fix the film on the door frame.



Figure 17

13. Install the Vertical Roll Film Tube

- Pass the Vertical roll film tube (No. 10-1) through the Film rolling machine and insert it firmly into the ground, as shown in Figure 18.

14. Assemble the Film Rolling Machine and the Roll Film Tube

- a. Join the Roll film tubes (No. 9 & 10) using two self-tapping screws (No. 28) for each connection.

Use the Pressure film carrier Ø25 (No. 25) to secure the two ends of the Roof film on the Roll film tubes (No.9 & 10). The film should be wrapped around the Roll film tubes at least 2 times, shown in Figure 19.

- b. Connect the Film rolling machine (No. 22) to the Roll film tube (No. 10) using screws, as illustrated in Figure 18.

The Vertical roll film tube (No. 10-1) is perpendicular to the Roll film tubes (No. 9 & 10).



Figure 18



Figure 19

15. Secure the Roof films and Skirt Films

- Firmly bury all Roof films and skirt films with soil, as illustrated in Figure 20.



Figure 20

16. Prepare and Secure the Ground anchorages

- a. Dig holes approximately every 2 meters to accommodate the Ground anchorages (No. 27).
- b. Place the Ground anchorages and bricks into the holes and step on them firmly to secure them.

17. Install the Ropes for Wind Protection

- Lay the ropes over the roof and tie them securely to the Ground anchorages (No. 27) to stabilize the structure during windy weather, as shown in Figure 20.

18. After the Installation

- a. Walk around and inspect the greenhouse tunnel periodically to make sure all components are still firmly secured and the whole greenhouse tunnel is well supported. Check all screws, bolts and nuts, as well as all connection points to make sure they are all in good position. We strongly recommend you remove any snow from the roof immediately. Do not leave any snow load on the roof overnight. and promptly remove the accumulated snow sliding down on both sides of the greenhouse.
- b. Before strong winds, heavy snow, or torrential rain, thoroughly inspect the greenhouse tunnel for sealing performance and ensure the Film is always kept taut.
- c. If temporary support poles are added inside the greenhouse tunnel to deal with heavy snow, the temporary poles should generally be about 1 cm lower than the horizontal tube (longitudinal rod).
- d. After extreme weather, thoroughly check for any looseness in the film and fasteners, and ensure the Film remains taut.
- e. When fertilizing or spraying pesticides, avoid getting fertilizer or pesticide on the film surface. After spraying pesticides, ensure timely ventilation to prevent long-term contact with the film, which could affect its performance.
- f. If debris affects the ventilation of the Mosquito net, use low water pressure to rinse from the inside of the greenhouse tunnel to the outside. High-pressure water guns or brushes must not be used for cleaning.

Contact information

Austria



Belgium



Croatia



Denmark



Estonia



Finland



France



Germany



Ireland



Italy



Latvia



Lithuania



Nederland



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