

DANCOVER[®]



Manual
for
Commercial greenhouse tunnel
10x15x3,7m

Assembly Instructions



Dear customer / dear garden friend,

we congratulate you on purchasing a greenhouse.

You have chosen a high quality and stable greenhouse.

Please read the assembly instructions first.

Follow this step by step!

Storage / keeping

Store protected - Please store all components in a dry place and protected from direct sunlight!

Parts list / packing list

Before you start to assemble the greenhouse, please use this description (material list) to check that the components supplied are complete.

Each packaging unit goes through a quality control, which also includes checking the respective quantities. Missing parts can thus be almost ruled out. If parts are still missing, please tell us the wrong position.

The manufacturer assumes no responsibility for damage caused by improper assembly or force majeure.

Note:

If possible, the greenhouse should be set up in a sheltered place and not in stormy weather. It is dangerous to leave a partially assembled house!

The roof of the greenhouse must be free from snow loads greater than 10cm!

Safety regulations / intended use:

Protective gloves, safety shoes and suitable head protection must always be worn when assembling polycarbonate sheets and greenhouse components.

This variant of a greenhouse is designed for growing plants and should only be used for this. Any use beyond this is considered improper.

The operator / user of the greenhouse is solely liable for any resulting damage!

The construction of the greenhouse must be carried out by at least two people! Work with safe, handcrafted tools.

Always work with gloves (risk of injury, risk of cuts)



This symbol describes the manual work, e.g. the assembly of components

You need the following tools to set up:

- Open spanner 13 mm
- Plastic hammer
- Tape measure 5m
- Spirit level (1m)
- Stepladder
- Cutter knife
- Cordless screwdriver



Frame

List of material:

Width: 10,00m

Lenght 16,50m

Note: *The number of items in this material list corresponds to a greenhouse length of 16.50 m.
If the greenhouse length is longer/shorter, the individual items will be adjusted accordingly! See also delivery note!*

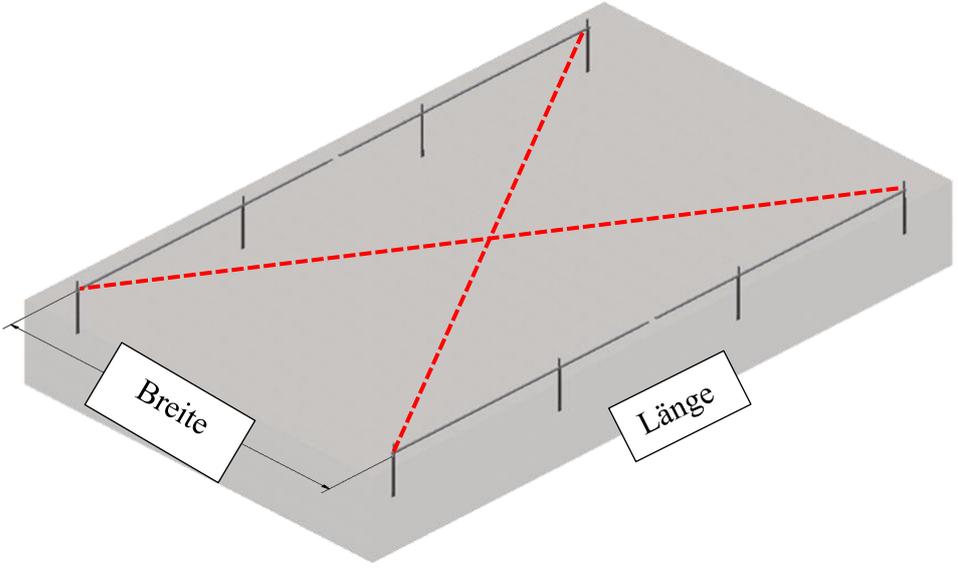
	Qty.	Part-No.	Designation
2.1	20,00	9081	Arch 1000
2.2	48,00	20007	Anchor 80cm
2.3	10,00	9220	Strut 7,00m
2.4	4,00	9241	Longitudinal tube 5,97m
2.5	4,00	9244	End piece 2,35m
2.6	33,00	9431	Longitudinal tube 1,40m
2.7	30,00	9433	Connector 1"
2.8	6,00	9434	Connector 1" for gable
2.9	70,00	14005	Screw: 8x50
2.10	4,00	9410	Connector
2.11	10,00	9412	connector 54er
2.12	16,00	9248	Cross pipe 1,98m
2.13	32,00	19004	Pipe clamp 2"
2.14	10,00	9533	S-Hook
2.15	44,00	20077	S-Hook, 6mm for. Film
2.16	10,00	9470	Spacer
2.17	1,00	9512	Chain tensioner
2.18	11,00	9481	Films Type 1000 transparent with wires
2.19	52,00	14005	Screw: 8x50
2.20	20,00	14006	Screw: 8x70
2.21	20,00	14007	Screw: 8x80
2.22	24,00	14008	Screw: 8x100
2.23	10 ,00	14009	Screw: 8x130

Foundation of your greenhouse

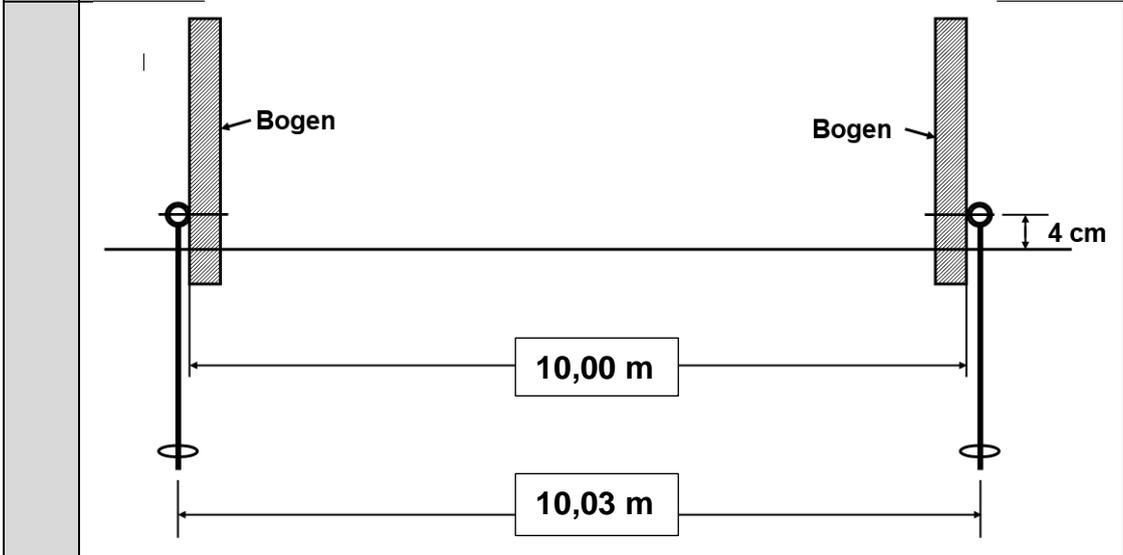
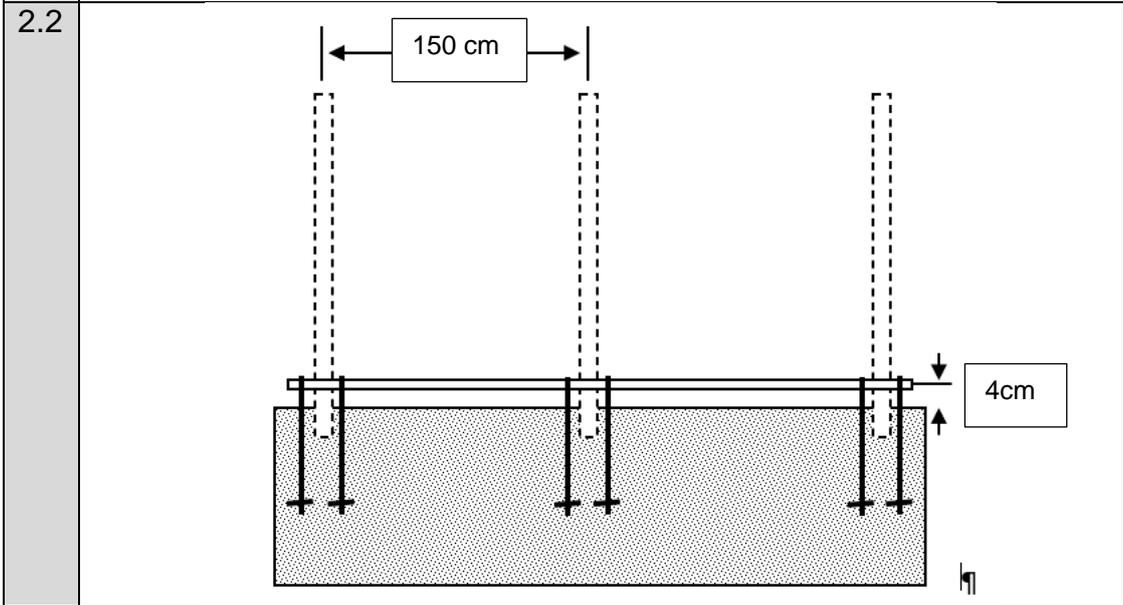
The stable and robust construction of the greenhouses allows them to be installed directly on a level, pre-compacted surface.

The fastening is carried out with an earth anchor system and the film has to be buried.

Frame-assembling:

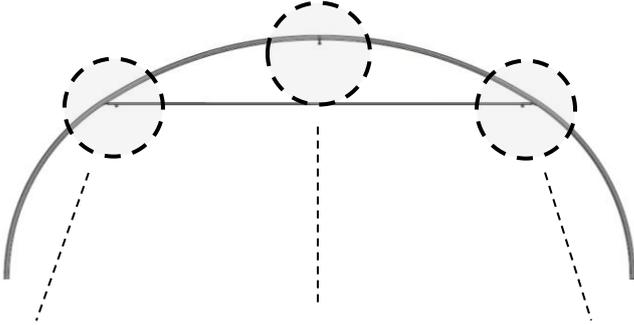
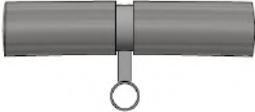
1.0	Angle the base	
		
1.1	Tension cords alongside	
1.2	Measure diagonally - distances must be the same	
1.3	Check parallelism	

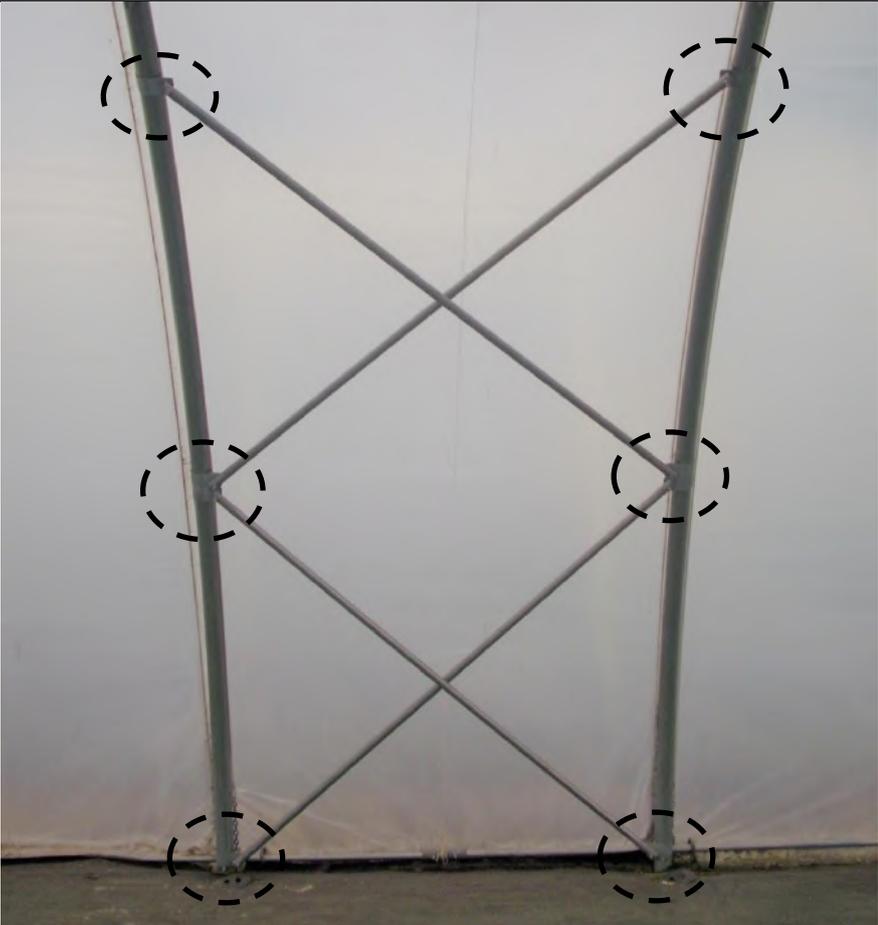
2.0 Anchor / longitudinal tube

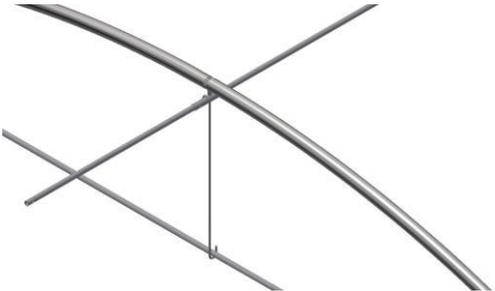


Set the anchor along the cord - for distance see 2.2
 a. Push the longitudinal tubes through the eyelets of the anchor
 b. Connect the longitudinal pipes to the pipe sections.
Note: The longitudinal tubes are 6m long, the start and end pieces are shorter

2007
 9241
 9433
 9434

3.0	Arch assembling			
3.1				
				
				
3.1.1	Assemble left / right arch - using connector 54 Place spacer between archs and connector Fix the arch left / right to connector with screw 4.8x19 <i>NOTE: nut must point inward</i>			9081 9412 14006 14101
3.1.2	Place strut and screw <i>NOTE: nut must point inward</i>			9220 14007
3.1.3	Mount connector, center <i>NOTE: nut must point down</i>			9433 9470 14009
3.1.4	Mount connector, right <i>NOTE: nut must point down</i>			9433 14005
3.1.5	Mount connector, left <i>NOTE: nut must point down</i>			9433 14005

4.0	Set up arch / frame	
4.1		
4.1.1	Set up pre-assembled frames in field 2	
4.1.2	Push the pipe clamp left / right onto the frame <i>NOTE: The clamp leg must point inwards</i>	19004
4.1.3	Screw the frame to the longitudinal tube <i>NOTE: - The nut must point inwards</i>	14008
4.1.4	Set up pre-assembled frames in field 3	
4.1.5	Push the pipe clamp left / right onto the frame <i>NOTE: The clamp leg must point inwards</i>	
4.2	Place cross tubes between frames 2 + 3 - use a spirit level and align the frame	9248
4.2.1	Fix the cross tubes in place in the clamp	14005 14101
4.3	Mount the cross tubes on the opposite side	
4.3.1	Repeat steps 4.1.2 to 4.2.1	

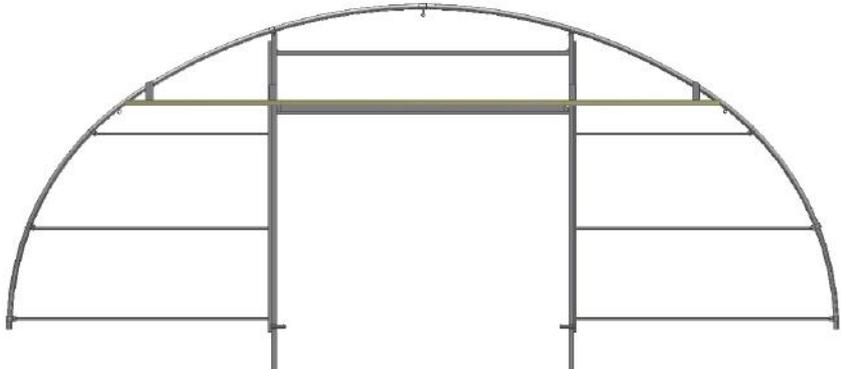
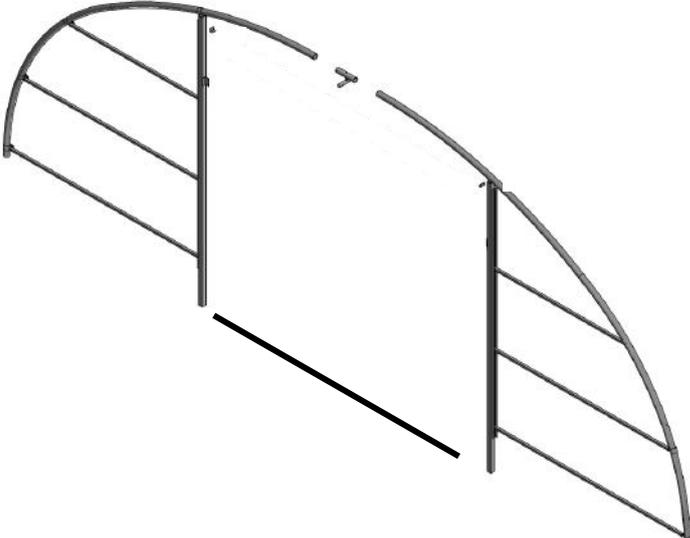
4.4	Longitudinal pipes NOTE - As soon as a frame is set up - mount the longitudinal tube		
			
4.4.1	Mount the center tube		9431 14005
4.4.2	Mount the longitudinal pipe on the left		9431 14005
4.4.3	Mount the longitudinal tubes on the right		9431 14005
4.5	S-hook		
			
4.5.1	Put the S-hook		9533

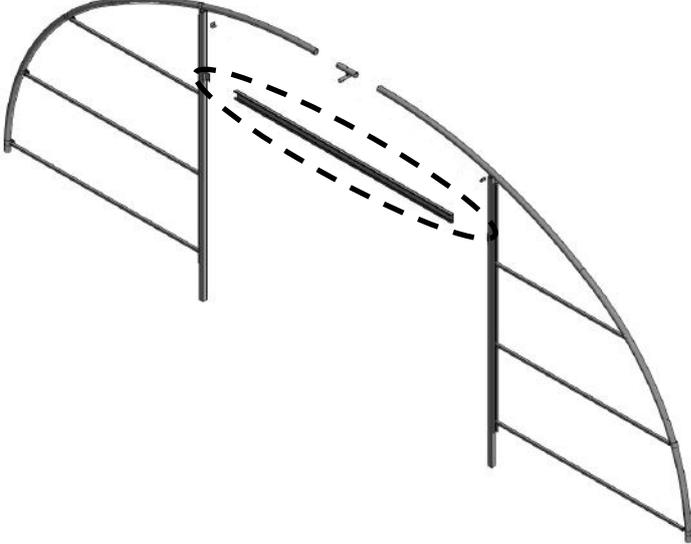
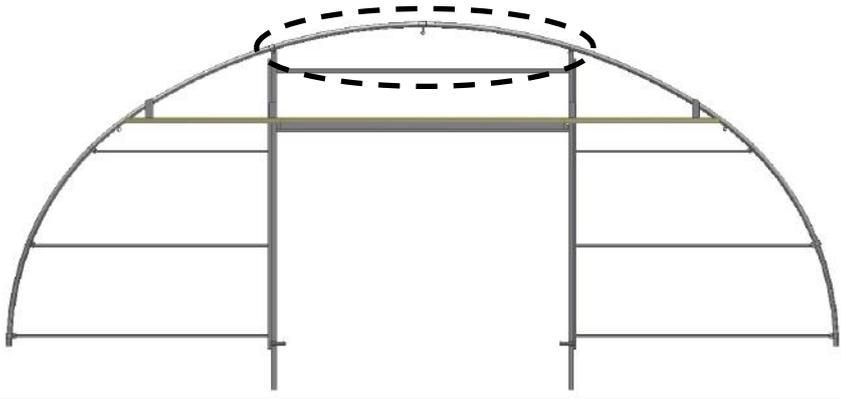
Gable

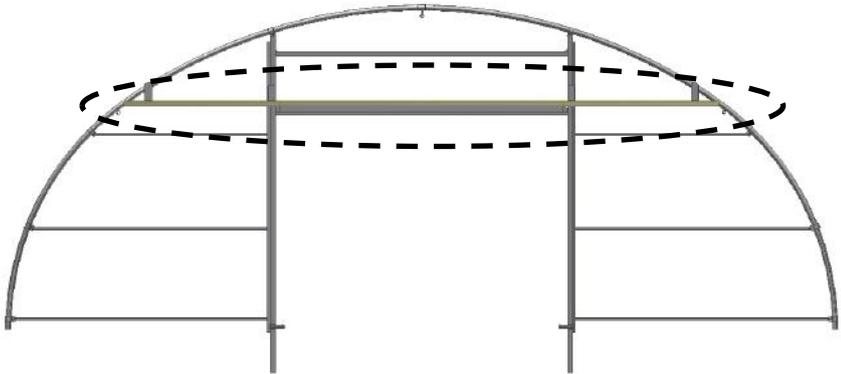
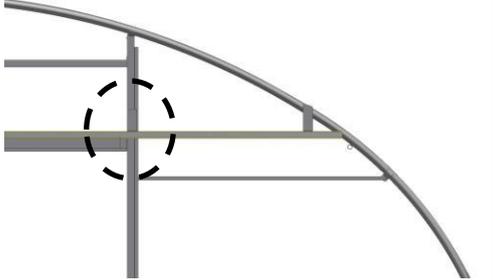
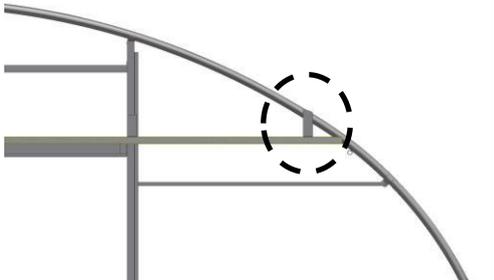
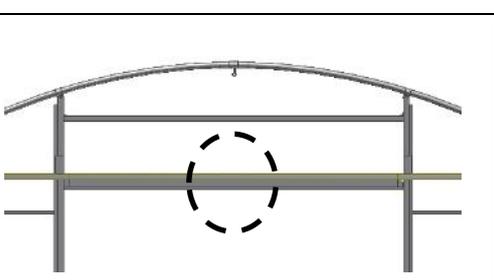
List of material

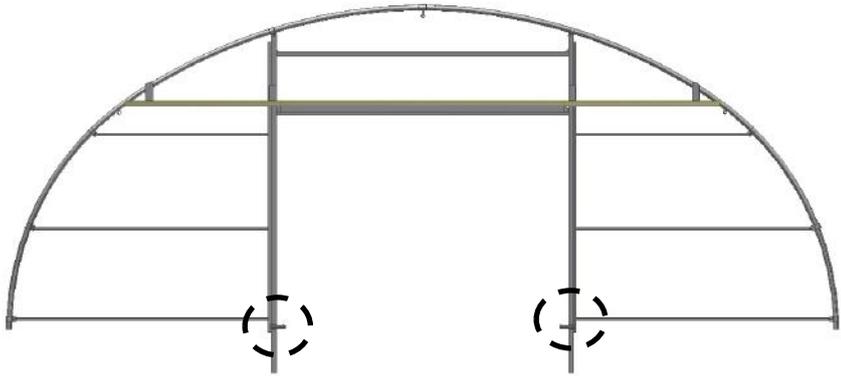
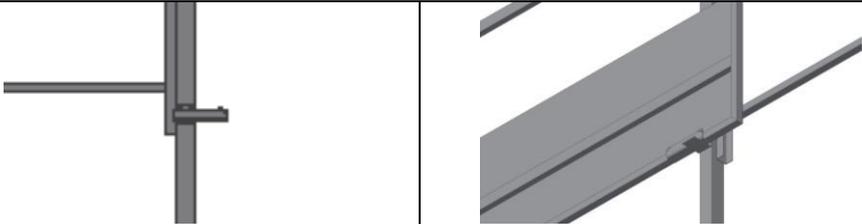
Note: For a material list, see also the delivery note

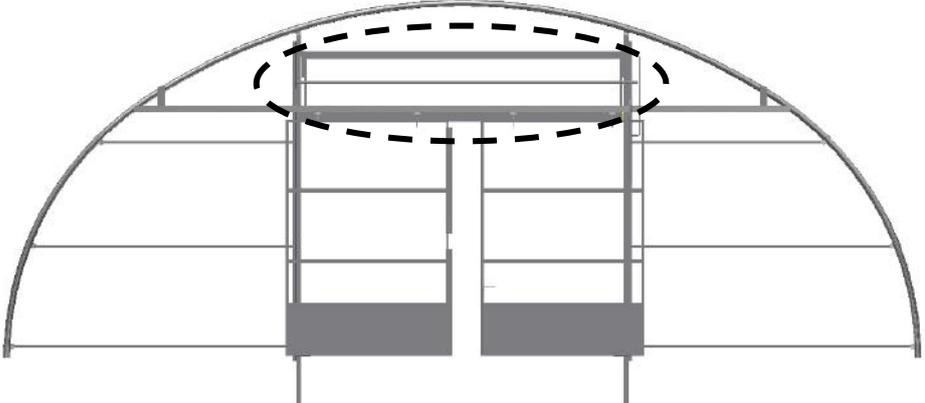
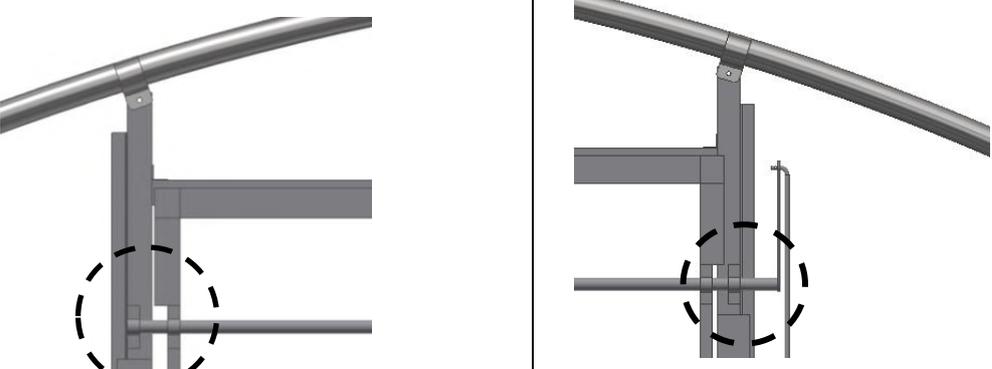
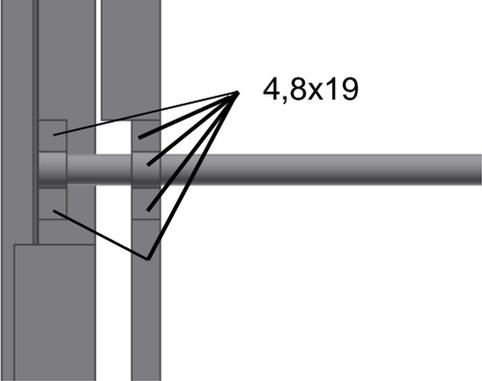
	Qty.	Part-No.	Designation
1.1	2,00	9041	Gable 1000 with top part
1.2	3,04	13021	Twin wall plate, 4 x 3,5m x 2,1m / 4 x 2,5m x 1,05m
1.3	2,00	13022	H- Profile, 4 x 2,5m
1.4	2,00	9202	Ventilation flap 1000
1.5	2,00	9212	Stand 1000
1.6	2,00	9216	Rod for stand 1000
1.7	2,00	19020	Sapwood
1.8	4,00	9445	Clamps for ventilation flaps
1.9	2,00	9206	Screen for 1000
1.10	2,00		<i>Strut 1700 long, pressed 90 °- Note: if necessary support for running rail</i>
1.11	2,00	20002	Running rail 6.8 m
1.12	2,00	9092	Door set (r+l) 1000
1.13	2,00	15004	Door handle
1.14	8,00	20003	Trolleys
1.15	4,00	20004	Door Stopper
1.16	8,00	14055	Screw : 12 x 120
1.17	4,00	9429	Guide shoe holder
1.18	4,00	9443	Guide shoes
1.19	4,00	9422	Retaining plate, center
1.20	2,00	9425	Retaining plate, straight left
1.21	2,00	9426	Retaining plate, straight right
1.22	2,00	9423	Retaining plate. fully left
1.23	2,00	9424	Retaining plate. fully right
1.24	120,00	14101	Screw.: 4,8x19 (self drilling)
1.25	280,00	14102	Screw.: 4,8x19 m.D. (self drilling)
1.26	2,00	20014	Foam tape
1.27	2,00	9062	Construction aid

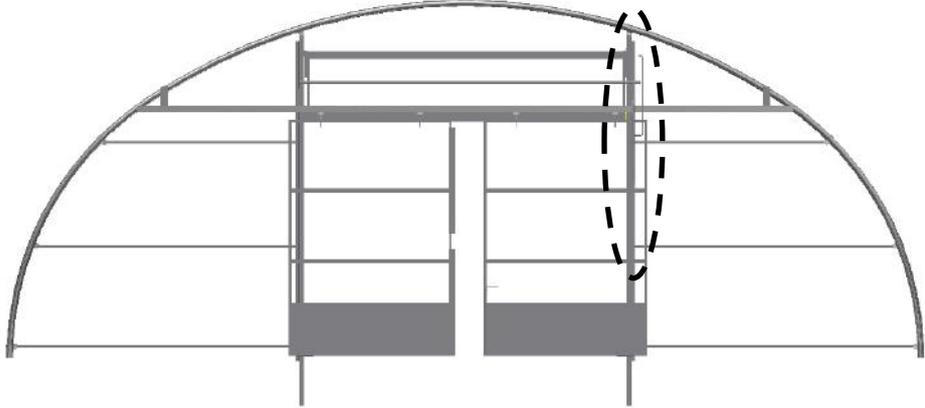
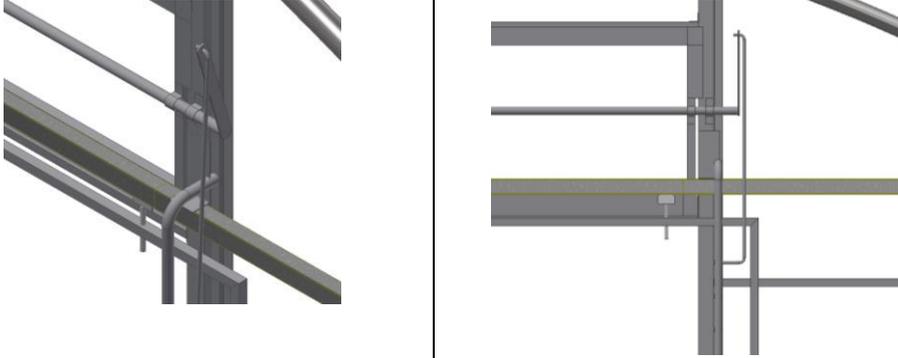
1.0	Gable assembly	
		
1.1	Gable element	
		
1.1.1	Assemble gable element left / right using connector 54 <i>NOTE: nut must point down</i>	9041 9412
1.1.2	Mount connector, center Place spacer between pipe bend and connector <i>NOTE: nut must point down</i>	9434 9470 14009
1.1.3	Mount connector, right <i>NOTE: nut must point down</i>	9434 14005
1.1.4	Mount connector, left <i>NOTE: nut must point down</i>	9434 14005
1.1.5	Place the assembly aid between the door posts <i>Note: Check the parallelism of the door posts</i>	9062 14101

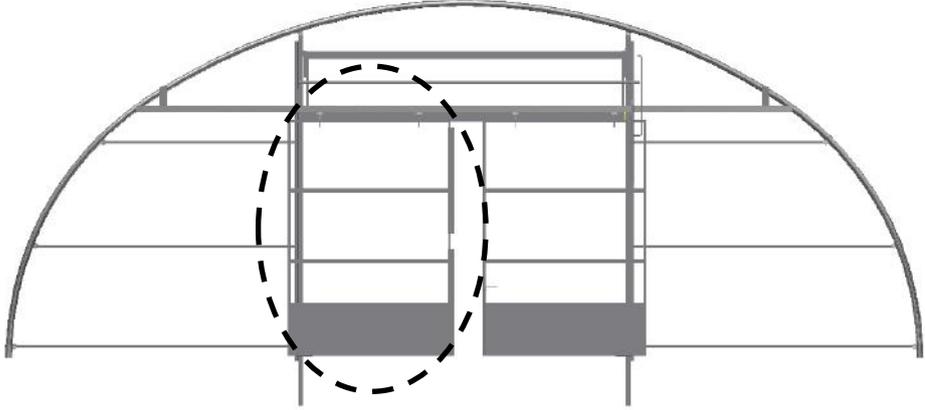
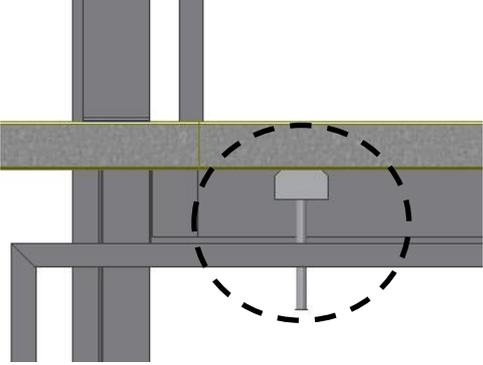
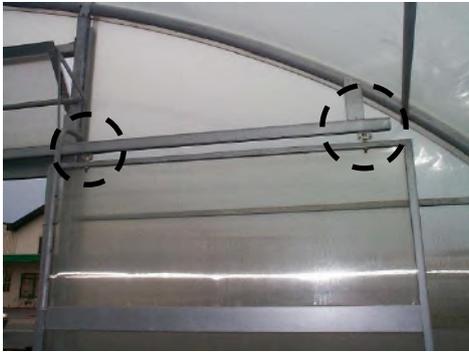
1.2	Screen	
		
1.2.1	Screw the screen to the pre-fabricated bracket	9206 14101
1.3	Upper part of the gable	
		
		
1.3.1	Mount the pre-assembled upper part of the gable	14101
	<i>NOTE: Use existing screw holes for positioning</i>	

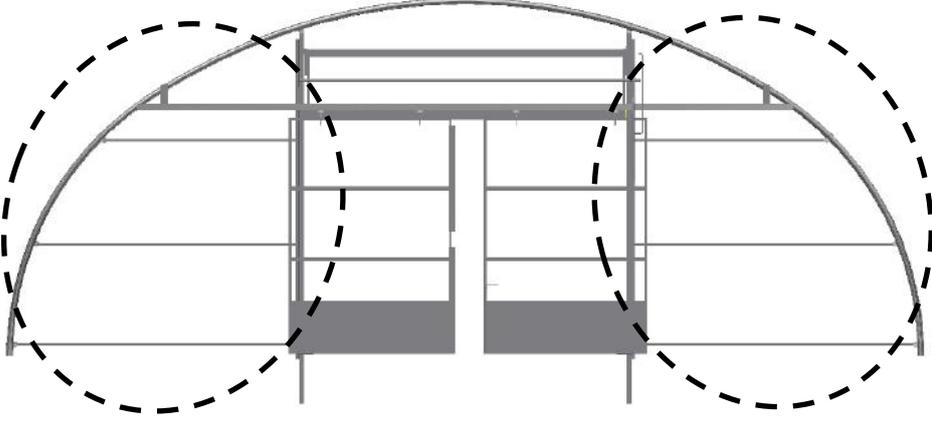
1.4	Running rail	
		
1.4.1	Mount the running rail <i>Note: distance between running rail and post must be 15mm</i>	20002
	 	
1.4.2	Mount the retaining plate on the right, door post	9426 14101
	 	
1.4.3	Mount the retaining plate to the right, arch	9424 14101
	 	
1.4.4	Mount the retaining plate, center	9422 14101
1.4.5	Mount the retaining plate on the left (see also 1.4.2)	9425 14101
1.4.6	Mount the retaining plate on the left (see also 1.4.3)	9423 14101

1.5	Guide shoes	
		
		
1.5.1	Mount guide shoe holder left / right	9429 14101
1.5.2	Mount the left / right guide shoe	9443 14101

1.6	Ventilation flap	
		
1.6.1	Position ventilation flap - align evenly between the profiles	9202
		
	 	
1.6.2	Fasten the ventilation flap with clamps	9445
1.6.3	Position and fix the clamps on the left	14101
1.6.4	Position and fix the half clamps on the right	14101

1.7	Rod for stand	
		
		
		
1.7.1	Mount the „rod for place“ (linkage)	5212 14101
1.7.2	Attach the „rod for stand“ (linkage)	9216 19020

1.8	Door	
		
	 	
1.8.1	Screw the trolleys into the holes provided	20003
1.8.2	Hang the door on the track	9092
1.8.3	Place the door stop at the end of the track	20004
1.8.4	Mount the door handle	15004

1.9	Close the gable		
			
1.9.1	<p>Place twin-wall sheets and screw them together</p> <p><i>NOTE: Screws with sealing washer</i></p> <p><i>NOTE: Screw spacing approx. 30cm</i></p> <p><i>NOTE: Adapt the twin-wall sheet to the arch contour using a cutter knife</i></p>	<p>13021</p> <p>14102</p>	
		<p>H-Schiene</p> 	
1.9.2	Connect the joint edge of the twin-wall sheet with the H-profile	13022	
1.9.3	Foam adhesive tape - tape off the sharp edge of the twin-wall sheet as protection for the film	20014	
1.9.4	Repeat steps 1.9.1 - 1.9.3 for the other half of the gable		

2.0	Film	
		
2.1	Roll out the foil on the ground	
2.2	Fasten the chain with the hooks on arches 1 + 2 on the lower chord.	
2.3	Pull the film over the sheet / frame	
2.4	Fasten the chain with the hooks on arches 1 + 2 on the lower chord.	
	 	
	 	
2.5	Tension the film - chain tensioner	9512
2.6	If necessary, dig in the excess film	

Contact information

Austria



Belgium



Croatia



Denmark



Estonia



Finland



France



Germany



Ireland



Italy



Latvia



Lithuania



Nederland



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Poland



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Switzerland



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