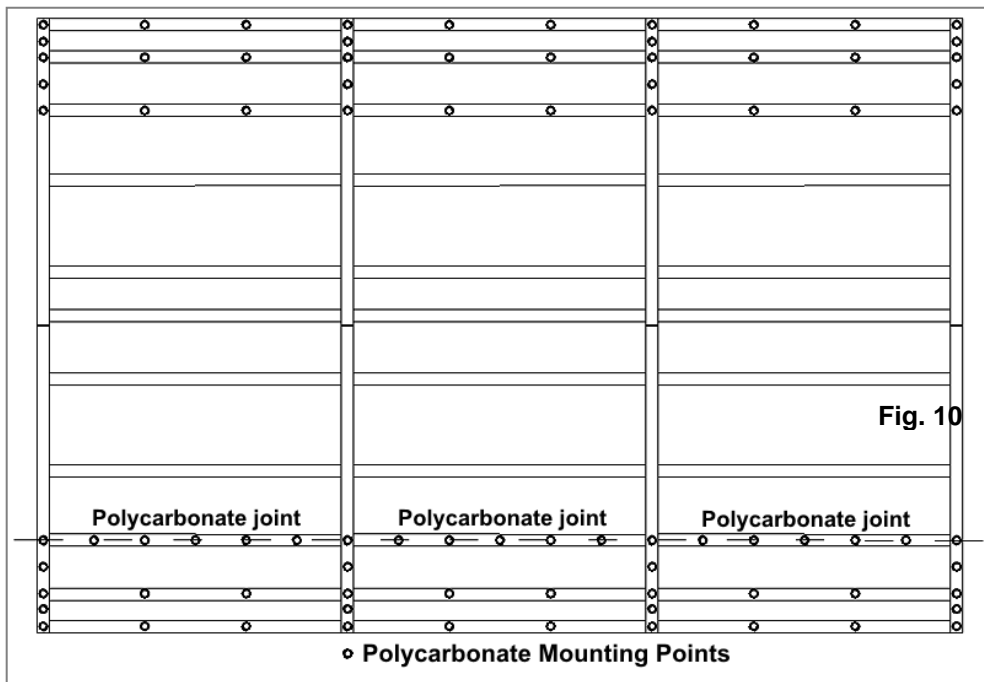


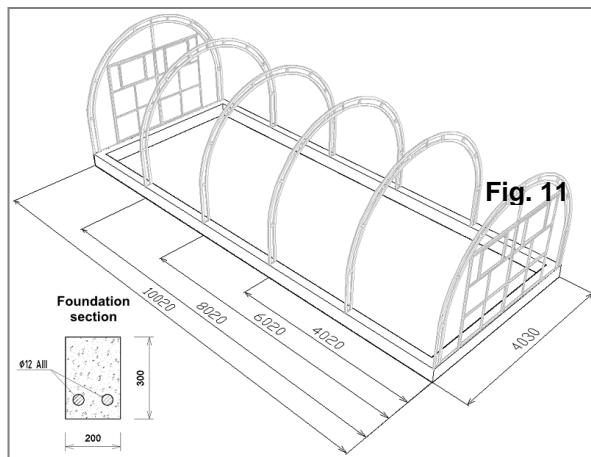
5.5. Greenhouse installation



The greenhouse is installed on a strip or column concrete foundation (Fig. 11). Face ends and arcs are attached to the foundation with anchor bolts (Fig. 8).

Attention!

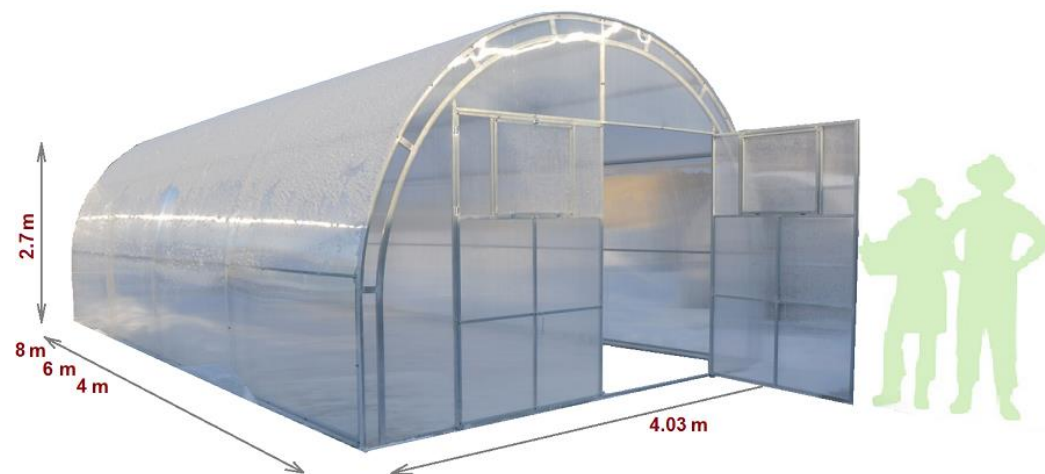
- The greenhouse has a sailage. Do not leave the assembled greenhouse unfastened to the ground.
- Do not install the greenhouse in the immediate vicinity (less than 2 m) to buildings, enclosure and fences.
- The plot on which the greenhouse is installed should be flat, without significant changes in ground level.
- In strong winds, the doors and small windows of the greenhouse should be closed.



Do not forget to remove the wrapping film on both sides of the sheet!



Greenhouse Buet Tak 400



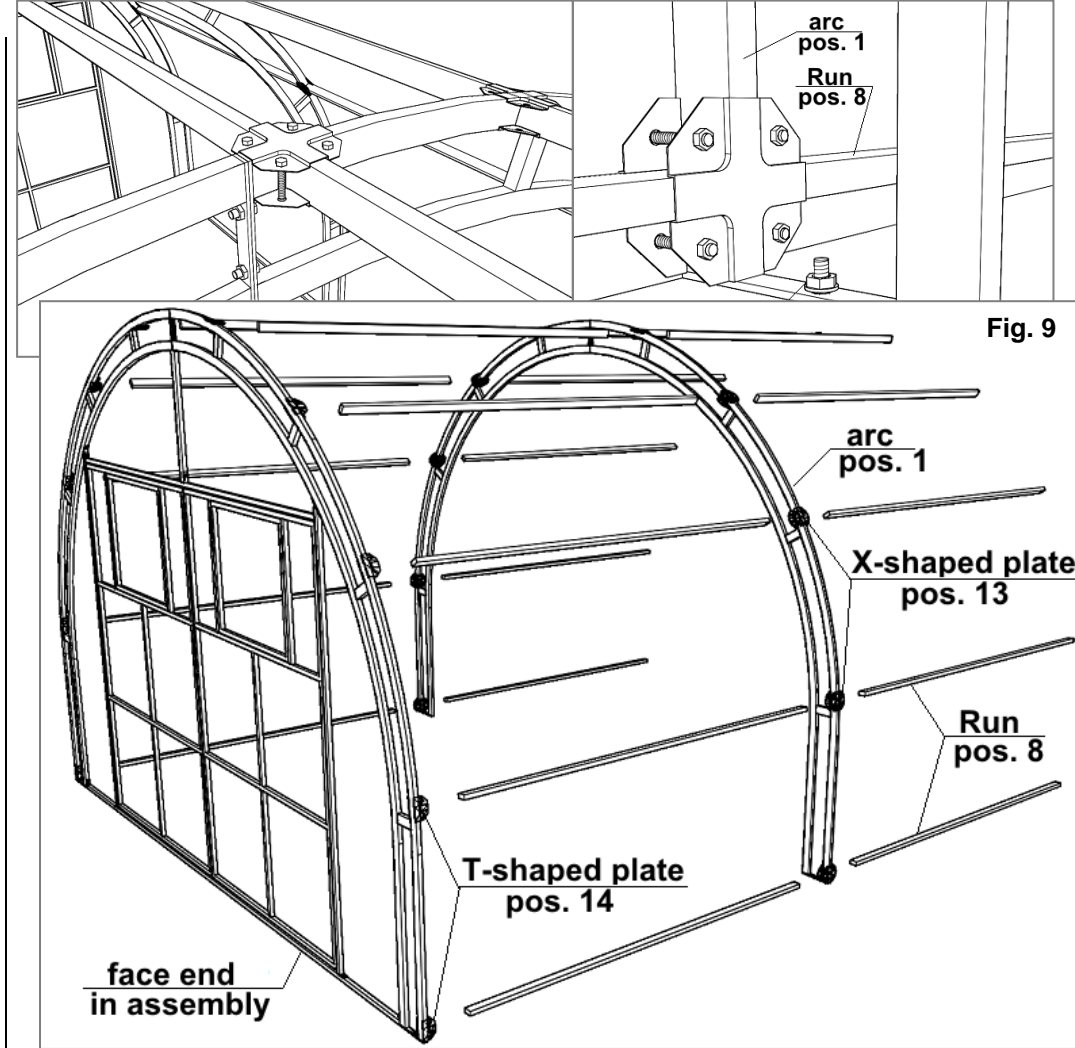
length – 4, 6, 8 m
width – 4.03 m
height – 2.70 m

OPERATING REQUIREMENTS

1. Before installing the greenhouse, carefully read the instructions. Incorrect assembly can cause damage to the frame.
2. Depending on the location of the greenhouse, the buyer should evaluate the possible snow load and, if necessary, put up supports or clear the snow from the frame. The greenhouse is designed for a snow load of 240 kg/m² (corresponding to 40 cm of snow cover) and a wind speed of not more than 20 m/s.
3. Do not install the greenhouse in the immediate vicinity (less than 2 m) to buildings, enclosure and fences.
4. It is recommended to install a greenhouse on a concrete foundation. This requirement is mandatory when installing a greenhouse in windy areas.
5. Do not subject the greenhouse frame to mechanical stress.
6. Do not modify the product yourself.
7. In order to prevent a decrease in the light transmission of cellular polycarbonate, it is recommended to clean its surface with a cotton cloth using water and detergents that do not contain ammonia and solvents. Do not use chemicals containing abrasive particles.

Warranty

1. Warranty period - 5 years from the date of sale. The warranty covers any manufacturing or material defects. The warranty does not cover damage caused by corrosion of the structural elements of the product or excessive snow load (more than 240 kg/m²).
2. Warranty obligations expire:
 - 2.1. if the installation does not comply with the assembly instructions;
 - 2.2. in case of violation of the requirements for the operation of the greenhouse;
 - 2.3. when using the greenhouse for other purposes;
 - 2.4. upon the occurrence of force majeure circumstances (natural disasters);
 - 2.5. in the absence of a passport for the product and a document confirming the payment of the greenhouse.
3. Warranty does not apply to cellular polycarbonate.
4. The greenhouse has a sailage. With self-assembly, the buyer himself must assess the need for additional fastening of the greenhouse to the ground, depending on the type of soil and the location of the greenhouse.



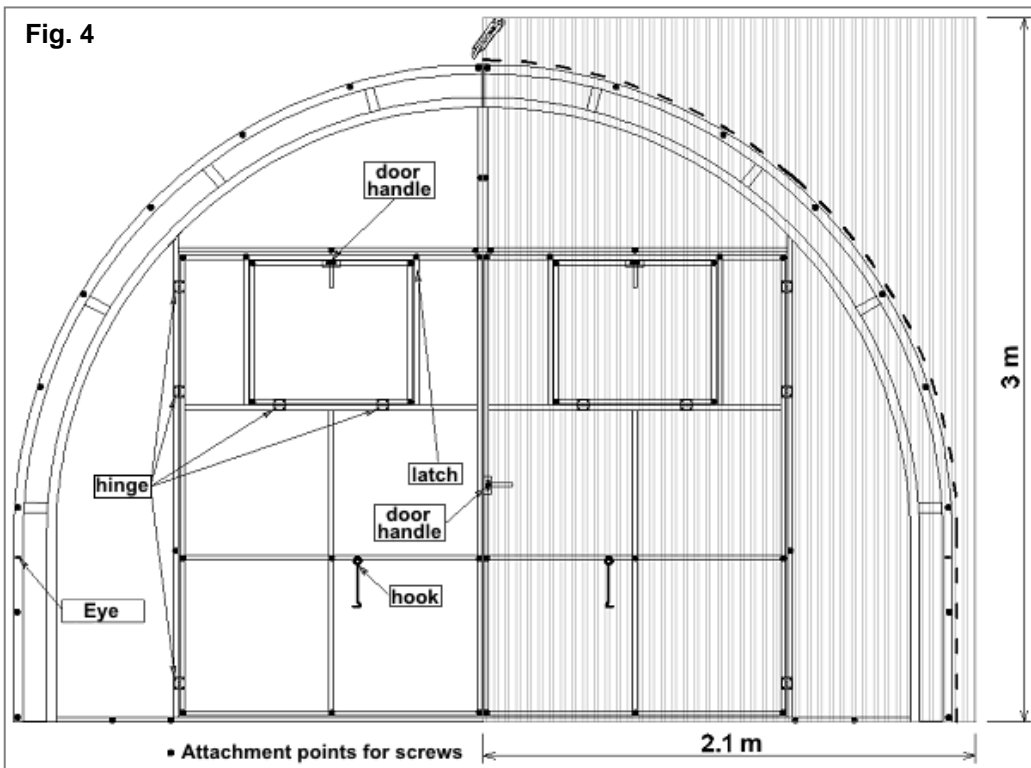
5.4. Covering the frame with cellular polycarbonate

It should be noted that the sheets should be arranged so that the lines of the polycarbonate channels are parallel to the arcs. Install the panels so that they extend beyond the extreme arcs by at least 5 cm. The polycarbonate sheets are overlapped in length along each other.

Due to the fact that the length of the arc of the greenhouse is more than 6 m, the coating is made with two sheets: full 6.0x2.1 m and part of the sheet 2.0x2.1 m. Polycarbonate joins in the third run from the bottom.

The panels must be carefully aligned and secured with 5.5x38 mm screws. The mounting scheme of cellular polycarbonate is shown in Figure 10.

Fig. 4



5.2.4. Hang up the hook and eye for it.

5.2.5. Cover with polycarbonate and install the accessories on the second half of the face end, having done points 5.2.2 - 5.2.4.

5.2.6. Cover the second face end similarly to the first.

5.2.7. The latch is installed from the inside of the face end in place, after the assembly of the greenhouse..

5.3. Assembly of the frame

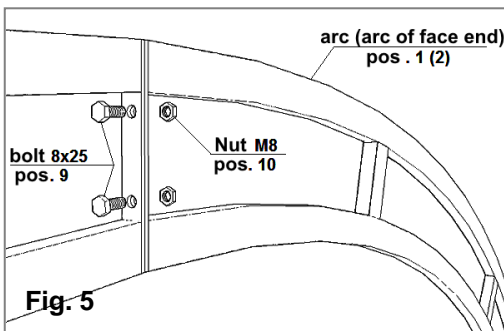


Fig. 5

5.3.3. Fasten the second end for a 4 m greenhouse.

To extend the greenhouse by two meters, use inserts.

5.3.1. Assemble the arcs using M8x25 mm bolts as shown in Figure 5.

5.3.2. Using mounting plates and runs, attach the arc to the end. Please note that the T-shaped plates are installed on the end (see Figure 6), and the X-shaped plates on the arc (Fig. 7). Lintels in arcs serve as stops for mounting plates. Fastener of the upper and lower runs are shown in Figure 8. A general view of the frame assembly is

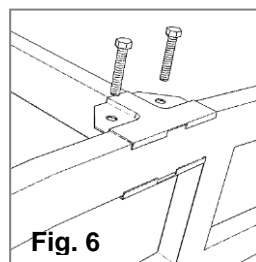


Fig. 6

Assembly instructions for the greenhouse

1. Product Description









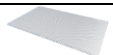
The greenhouse "Buet tak 400" is designed to create an optimal climate when growing seedlings, flowers and vegetables in a personal plot.

The frame of the «Buet Tak 400» greenhouse is made of a galvanized tube of rectangular cross section 40x20 and 20x20 mm and is designed to be coated with cellular polycarbonate. For the convenience of transportation, the face end and arcs are made collapsible. The greenhouse frame is assembled using bolts and nuts (M6). For assembly, wrench № 10 is required.

There are two doors and small windows to improve the ventilation of the greenhouse. Covering for the winter does not need to be removed.

2. Component parts

Pos.	Name of parts	Quantity, pcs.			Form
		4 m	6 m	8 m	
1	arc	2	4	6	
2	Face end arc (differs from the usual arc by the presence of holes for fastening the face end elements)	4	4	4	
3	The base of the face end (L= 3670 mm)	2	2	2	
4	stand of the face end (L= 2080 mm)	4	4	4	
5	Face end jumper (L= 2600 mm)	2	2	2	
6	Gateway stand face end (L= 540 mm)	2	2	2	
7	door with small window	4	4	4	
8	run (L= 1980 mm)	22	33	44	
9	bolt M8x25 (for fastening of arches)	6	8	10	
10	nut M8	6	8	10	
11	M6 * 55 bolt with washer (for fastening jumpers and stands)	18	18	18	
12	M6 * 35 bolt with washer (for fixing the base and stand to the face end)	8	8	8	
13	X-shaped mounting plate, pair	11	22	33	
14	T-shaped mounting plate, pair	22	22	22	
15	Bolt M6 * 40 (for mounting plates)	88	132	176	
16	nut M6	114	158	202	
17	Anchor bolt 8x85 mm	6	8	10	

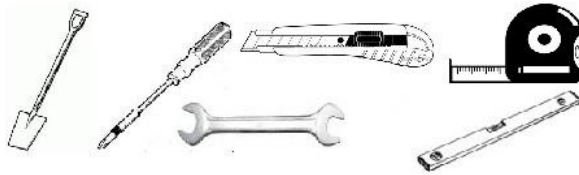
18	The self-tapping screw 4.8 * 35 (for fastening polycarbonate on arches)	60	85	110	
19	The self-tapping screw 5.5 * 25 (for fastening polycarbonate at the face ends)	116	116	116	
20	Hinge invoice	20	20	20	
21	Door hook (for fixing the door in the open position)	4	4	4	
22	Door latch (for fixing the door in the closed position)	2	2	2	
23	small window handle	4	4	4	
24	door handle	2	2	2	
25	Self-tapping screw 4.2 * 19 with a drill (for hinges, hooks, latch and handle)	132	132	132	
26	Cellular polycarbonate ** (sheet size 2.1 * 6 m)	4+2/3	6	7+1/3	

* This set of screws is designed for mounting cellular polycarbonate with a thickness of not more than 6 mm.

** when buying one frame cellular polycarbonate is not included

3. Recommended greenhouse assembly tool kit

1. Shovel
2. Ph2 screwdriver or cross driver
3. 10 mm spanner or screwdriver with 6 mm socket head 10 mm
4. Construction knife
5. Construction level
6. Tape-line 5-7 m



4. General rules for installing cellular polycarbonate

The polycarbonate is attached to the frame using self-tapping screws 4.2 x 19 mm in size with a galvanized washer and rubber seal. Holes are already drilled in the frame necessary for attaching cellular polycarbonate. Do not overtighten the screws during installation, leaving a small clearance for "free play".

Cellular polycarbonate panels are installed so that the surface with UV protection is always on the outside. The designation is on the packaging film.

Sheets must be stored in a protective film until installation.

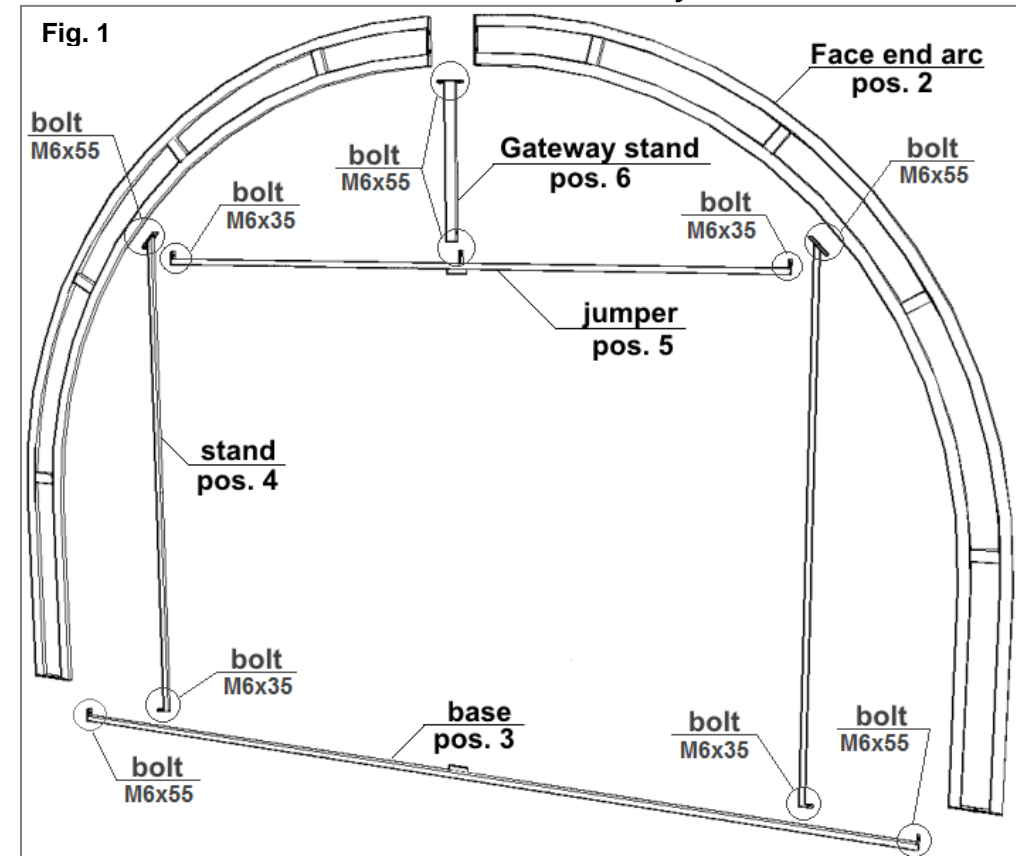
Material cutting is carried out by a special construction knife with a retractable blade or jigsaw. While cutting the sheet, the protective film must remain intact, preventing scratching.

After the installation of cellular polycarbonate panels is complete, immediately remove the protective film on both sides of the sheet.

It should be borne in mind that the polycarbonate channels are better oriented in the vertical direction.

5. Assembly order

5.1. Face ends assembly



5.1.1. Connect the face end arcs using M8x25 mm bolts, as shown in Figure 5.

5.1.2. The face end parts must be interconnected using bolts M6x55 mm and M6x35 mm, according to the drilled holes, and guided by the circuit shown in Fig. 1. Tighten the bolts for fastening the stands and lintel after checking the diagonals of the doorway.

5.2. Covering with cellular polycarbonate face ends

5.2.1. Cut the polycarbonate sheet (size 6.00 x 2.10 m) into two parts of 3 m each. Cut the polycarbonate with a construction knife or a jigsaw.

5.2.2. Cut a sheet of polycarbonate (size 6.00 x 2.10 m) into two parts. Put the cut part of polycarbonate on the face end. Align in the center of the face end and fasten with 5.5 x 25 mm screws (see Figure 4). Cut the cellular polycarbonate exactly along the arc. 3 m.

5.2.3. Set hinges and door handles (see Fig. 2, 3). Make cuts along the horizontal and vertical edges of the door and the small window to open it.

