

Pool Lifts

Hydraulic Lift - Code No : 11000500

General Description

Composed of a tubular structure of stainless steel AISI 316, anchored to the ground by three metallic stoppers that hold it, and three adjustable supports, two located outside the pool (can be adjusted depending on the structure of the swimming pool), and the third one located in the lower part of the elevator, which is supported on the wall of the pool.

The guide's shaft is the one in charge of giving the cylinder the position of the lift seat when it is out of the water to perform the user transfer. The fastening shaft is the one in charge to fasten the equipment and allows the regulation depending on the depth of the pool.

The cylinder holds subject the elevator chair, whose height we can regulate, depending on the type of pool and the bottom of itself.

There are two action commands, one located at the top of the guide shaft that allows the user the activation of the elevator from outside of the water, and the other one located on the fastening shaft, which allows the user to activate the lift from inside the pool.

Advantages

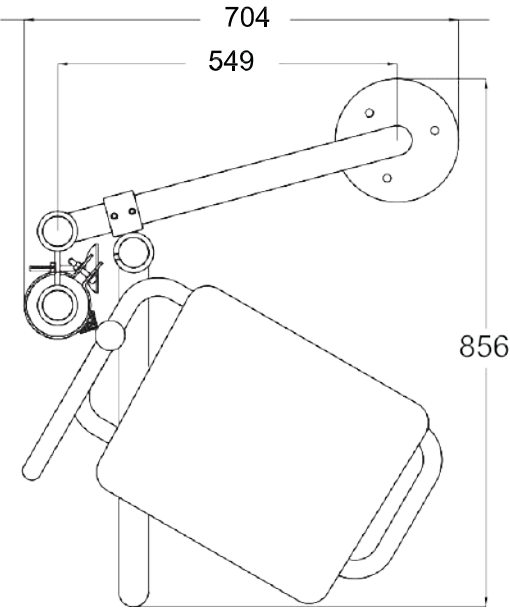
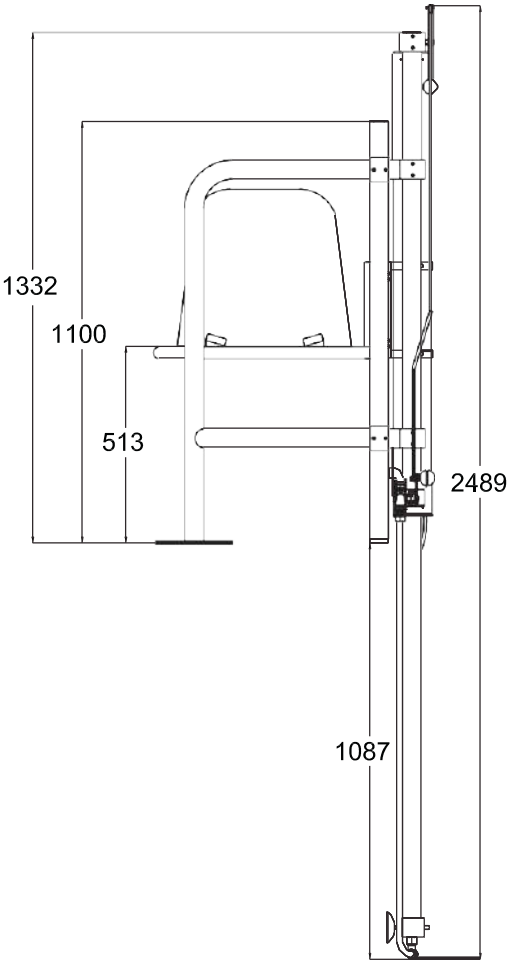
- ✓ The main advantage of the Atecpool elevator is its versatility to adapt to most of the swimming pools available on the market.
- ✓ Its installation is very simple, with only three anchors screwed on the pavement and three adjustable supports.
- ✓ The transfer and input of water are done within the swimming pool itself

Technical characteristics

Lifting capacity:	120 kg
Angle of rotation:	150°
Structure and piston:	Stainless steel AISI 316L
Outer tubular structure:	∅ 48.3 x 2 mm
Water pressure:	3.5 - 5 bar
Chair:	synthetic material suitable for outdoor facilities

Physical characteristics

Dimensions :



Installation instructions

Bring the elevator to the pool

Level it and regulate it if necessary by the set screws attached on the anchoring structure n° 1 and n° 3.

Regulate, if necessary, the swivel located inside the vessel n° 2, leaving it against the wall of the pool.



Attention: do not loosen the set screws placed in sets n° 5 and n° 6, as this would put out of order the whole cylinder assembly, damaging its joints.

Once the lift is on place, proceed to mark the fastening holes in the pavement (three holes drilled in the anchorage disc)

Remove the lift and drill the floor

Once it is drilled, put the lift and the fastening stoppers, tightening them until they are secure and well tightened.

Look over the vertical level of the cylinder and proceed with the corrections, if necessary, with the swivel and the set screws.

Review the regulation elements so that there are no loose elements.

Place the water inlet to the elevator in order to feed the circuit. The lift is equipped with a fast outlet made for an easy connection to the water network. The emptying of the cylinder is done in the same pool through the lower tube of the three-way valve.

After connecting the water outlet, proceed to start making it work repeatedly until the air gets out of the cylinder. You will notice it when the cylinder goes up slowly without any fluctuations.

Precautions

- Whenever possible, do not install the lift to less than 1 m from a ladder, corner of the pool, waterfall, playground slide, etc.
- The water inlet must not exceed 5 bars of pressure, if it exceeds the 5 bars, a pressure regulator should be installed.

Recommendations

- Place a shutoff valve before the connection of the hose that feeds the elevator.
- Leave the cylinder without any pressure or load during the periods that the lift is not used.
- Weekly perform a minimum of three maneuvers up and down to avoid the buildup of any incrustations on the wall of the tube/bar, in order to avoid any internal damage.
- After each day that we use the lift, close the lift water passage valve, and release the pressure of the cylinder, in order to prevent the internal joints to perform an unnecessary effort.
- Clean the surface with products suitable for stainless steel, to keep it in a perfect condition and therefore preventing any kind of deterioration.



No	REF	Description	UNDS.
1	CJT000025	Anchoring lifting assembly	1
2	ACCC000001	Regulating swivel M -10x70 mm	1
3	CJT000022	Coping set support	1
4	ACCC000074	Support shaft	1
5	CJT000018	Set of upper shaft flanges	1
6	CJT000017	Set of lower shaft flanges	1
7	CJT000023	Chair support set of flanges	1
8	CJT000024	Chair fixation support set	1
9	ACCC000084	Cylinder sleeve	1
10	CJT000014	Set of the cylinder principal shaft	1
11	ACCC000057	Lower cylinder cap	1
12	ACCC000058	Piston cylinder	1
13	ACCC000059	Upper cylinder cap	1
14	ACCC000002	Rubber for the swivel base Ø80 mm	1
15	CJT000020	Feeding tube assembly for the cylinder	1
16	CJT000019	Set valve flange support	1
17	GE0202505	3-way valve 1/2" GAS model "L"	1
18	ACCC000056	3-way valve handle	1
19	ACCC000005	Lift ball bar handle Ø40 mm	2
20	STA41020M	Lower ball restraining knob	1
21	CJT000021	Elevator command bar set	1
22	CJT000026	Operating shaft valve	1
23	STA408060	Vale operating shaft	1
24	ACCC000060	Coping protector	2
25	AS1000002	Cylinder joint	2
26	AS1000016	White user chair	1
27	ACCC000061	Tube cap of Ø48 mm 5	5
28	GE7092020	stainless elbow joint of 90°A-316 M.H.1/2"	3
29	GE728002	Stainless double thread buttress 316 1/2" GAS	3
30	GA900	Faucet thread socket connectors 1/2 "GAS	1
31	STA441015	Stainless set screws M - 913 DIN 10x15 mm	3
32	STA440810	Stainless set screws 8x10 mm M - 913 DIN 22 316	22
34	STA440506	Stainless set screws 5x6 mm M - 316 2 DIN 913	2
35	STA405016	Pan -headed screw 5x16 mm M -316	8
36	STA406016	Hallen screw 6x16 mm M- 316	1
37	STA41006	M-6 selflocking nut 316	1
38	STA400010	Stainless nut M -10 316	1
39	STA461210	Stainless steel stopper D - 316 12x100 mm	3
40	STA430005	Stainless washers for joint-D 5 316	4
41	STA40416	PZ - D-4x16 mm conical screw for stainless steel joints 316	4
42	STA410835	Stainless hexagon screw M 8x35 mm 316 for seat flanges	2
43	STA41008	Stainless self -locking nut M- 8 316	2
44	STA400008	Stainless nuts M - 8 316	2
45	STA410815	Stainless hexagonal screw M8x15 mm for seat support	2
46	STA430008	Stainless washer D -8 316 8 mm	8
47	STA405020	Stainless pan-headed screw M5- 20 mm 316	1
48	STA400005	Stainless nut M-5 316	1
49	STA449025	Wide stainless washer D-5 316	2
50	ST41005	Stainless M - 5 self -locking nut 316	1
51	PL C000002	316 stainless identification plate	1
52	STA420516	Stainless socket screw M5x16 mm	1

