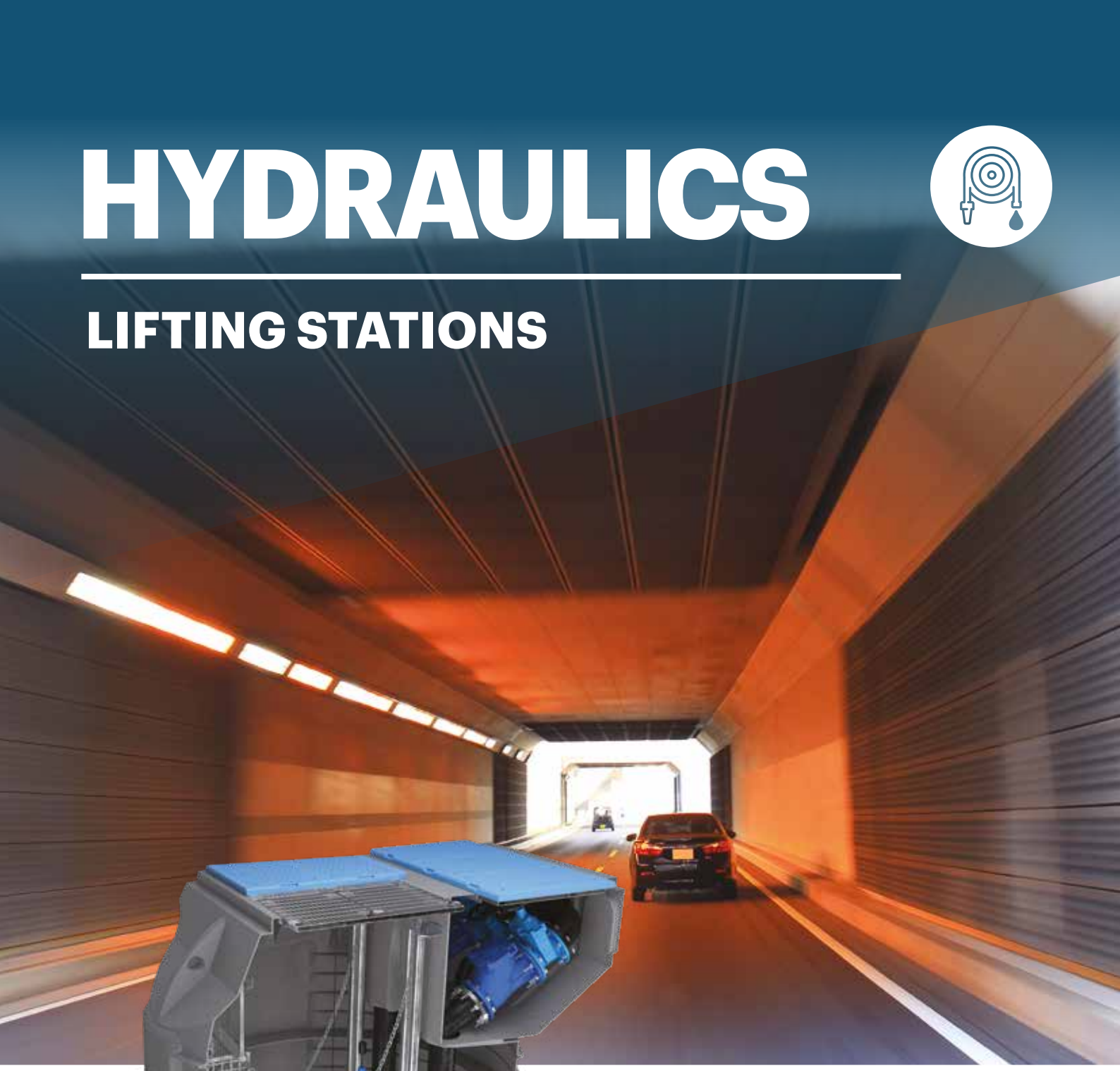
HYDRAULICS

LIFTING STATIONS



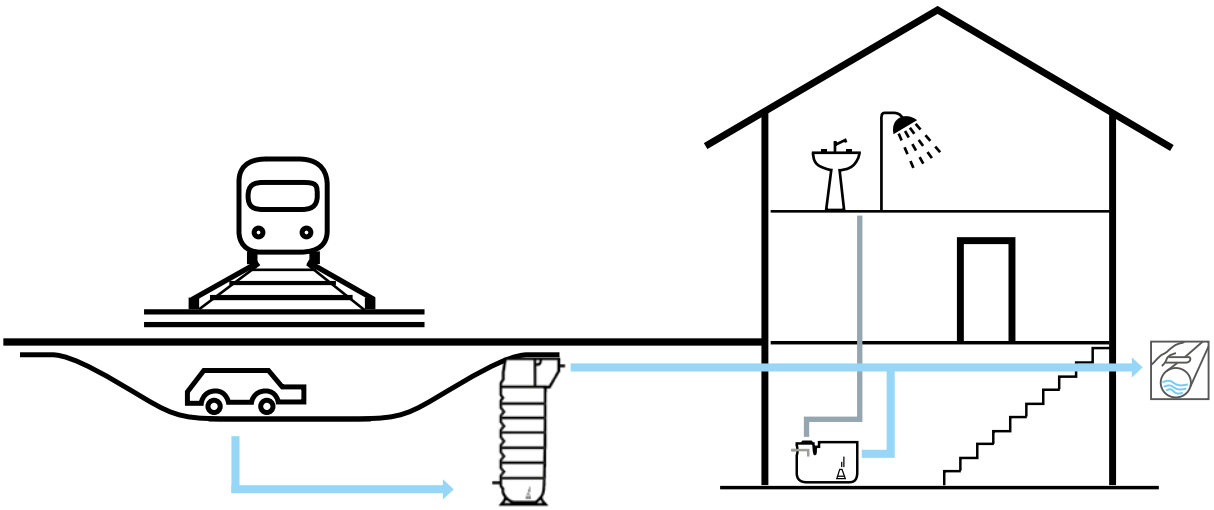
StaRplast

2023

LIFTING STATION

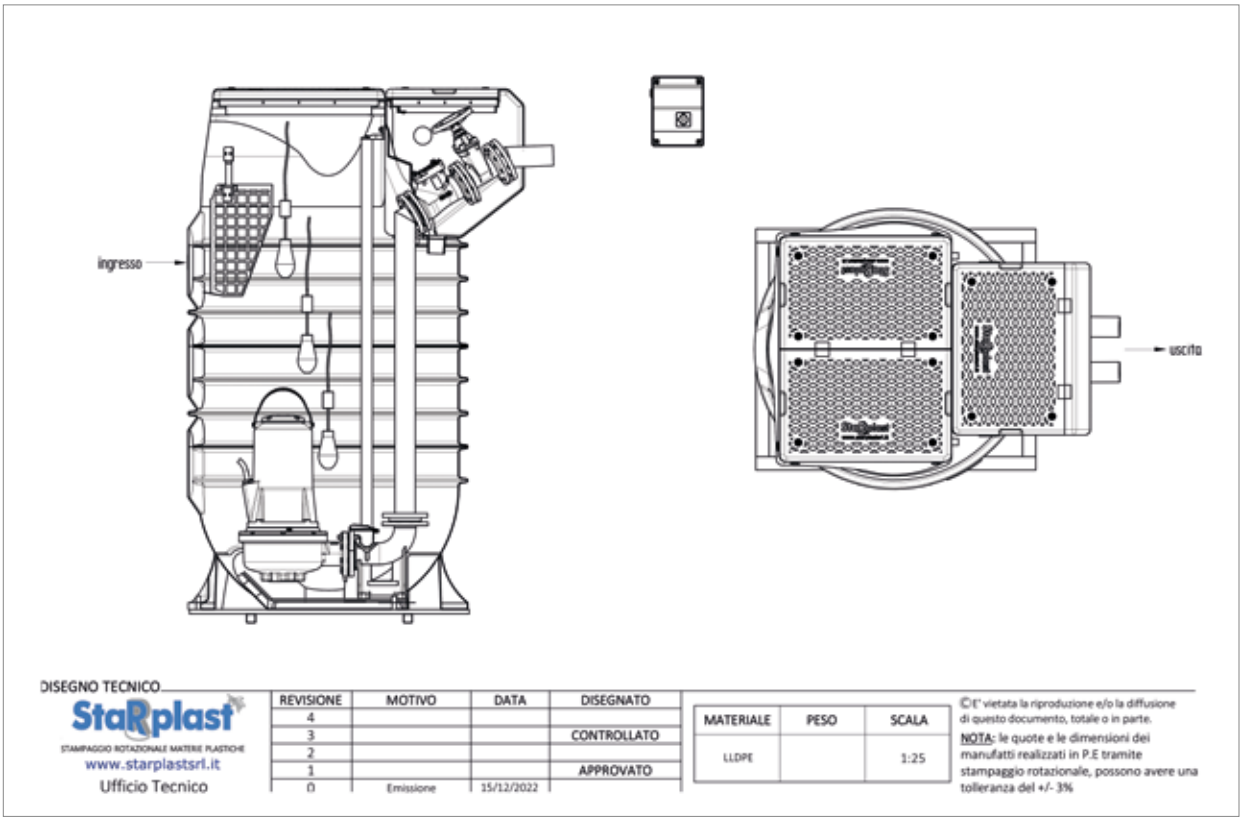
The increasing use of underground works, inevitably involves the use of a lifting system, which has the function of bringing water to a higher altitude with the aid of pumps.
Among its range of products, Starplast includes a special line dedicated to this typology of plants.

PLANT / **ICON**



PLANT / **TECHNICAL DRAWING**

LIFTING STATIONS / MAXISOL 2200 L - DN 80 CV



BABYSOL SMALL **BSS**

FUNCTION AND USE

BABYSOL lifting station consists of a polyethylene tank, with the function of collecting and releasing rainwater or wastewater to a higher level. Inside there is a pumping system controlled by floating level switches and an electronic panel.
The system is suitable for lifting in small units to be installed in basements etc.
The screening basket positioned at the inlet is designed for holding coarse solids that would clog the pumps (lumps of paper, plastic materials, paper cloath, etc.). If such solid is substantial, the use of a pre-treatments upstream of the station is recommended.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

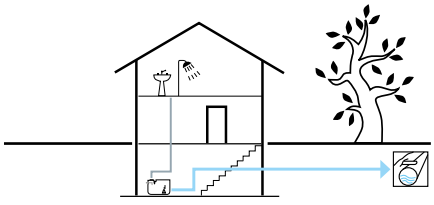
Supply of lifting station in polyethylene for underground use "BBS..." type Starplast for the lifting of sewage or dirty clear water, parallelepipedal shape with constant thickness of the walls.
At the base of the tanks there are 4 niches for the anchoring of the lifting station to an eventual supporting base.
The station is equipped at the top with two inspection caps and anti-odor sealing gaskets, one ø 125 for inspection and extraction of the coarse filtration basket (realized in polyethylene and placed in sewage inlet) and one DN350 for maintenance operations.
Both the inspections are shaped for the reception of squared extension shaft in standard PVC easily available on the market.
Therefore, the station can be equipped with closed impeller pump for clear water or for sewage type Vortex, with delivery pipe and brass male threaded fitting with maximum diameter 2".
The pump is operated by command electric panel for direct start-up and float level switches.
The lifting tank mod. BBS .. .. will have the following dimensions
Le ... x W ... x h ... total volume lt. ....

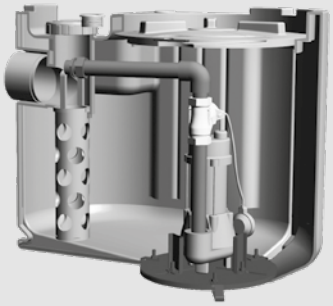
WHERE TO USE IT

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence the "characteristic"** of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME

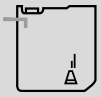




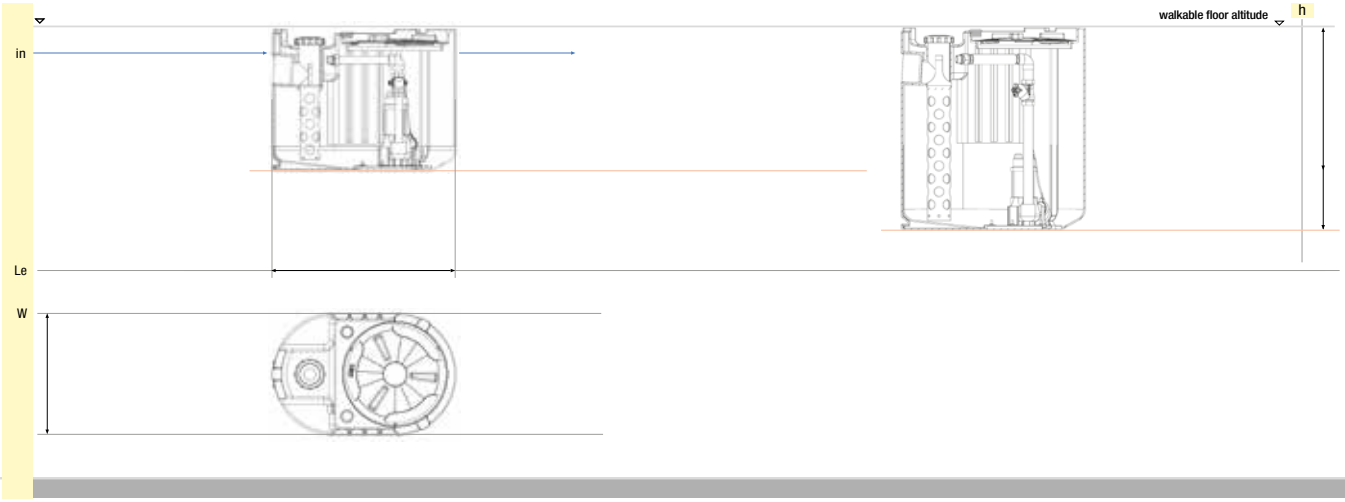
BABYSOL SMALL 100 LITERS

list *data sheet*

ICON

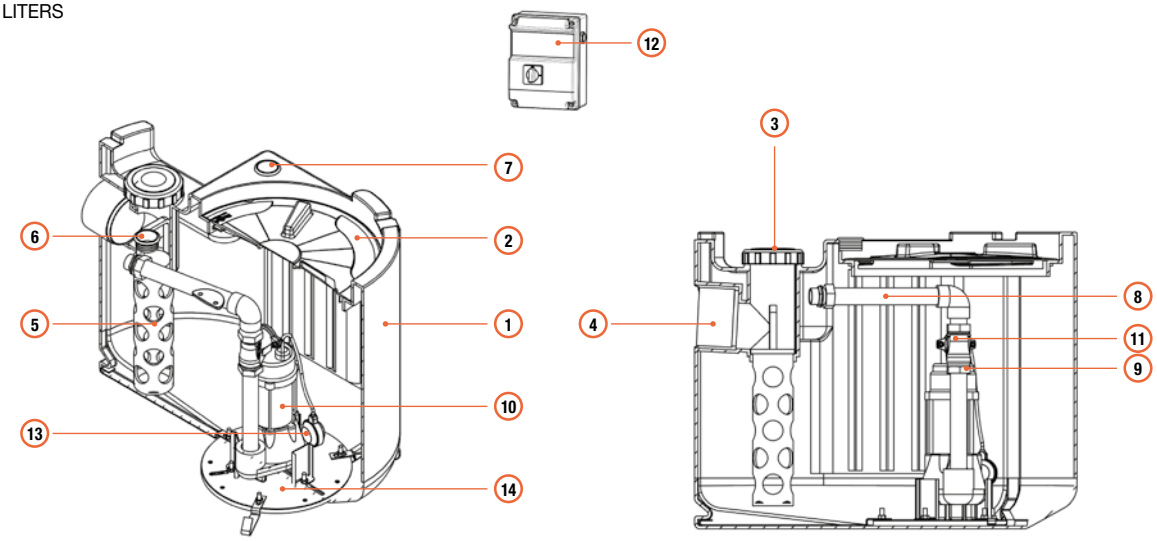
BSS 100	BSS 200
	

TECHNICAL DRAWING

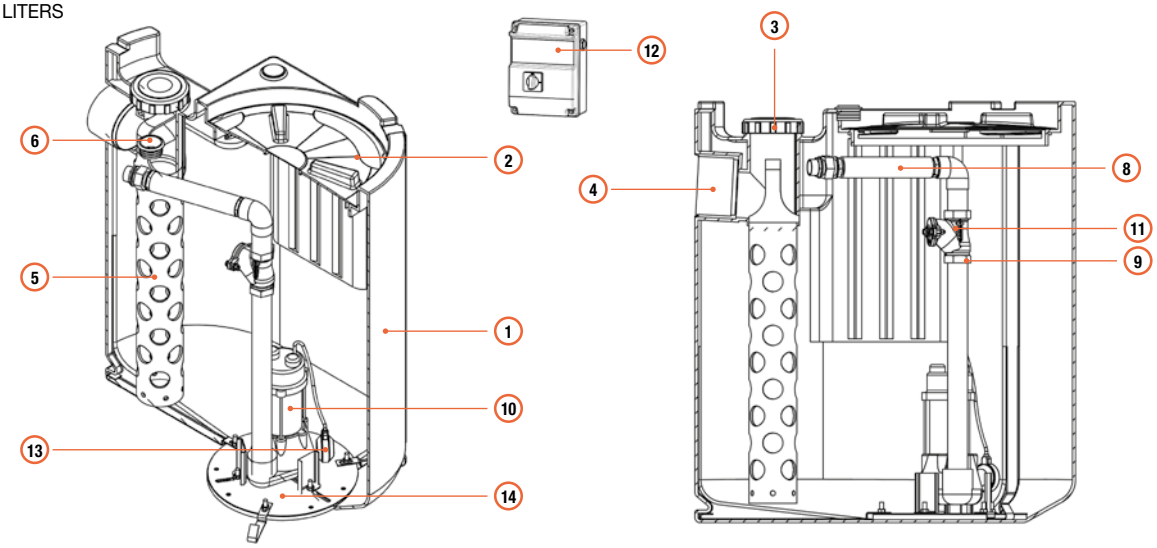


BSS ...

MOD. 100 LITERS

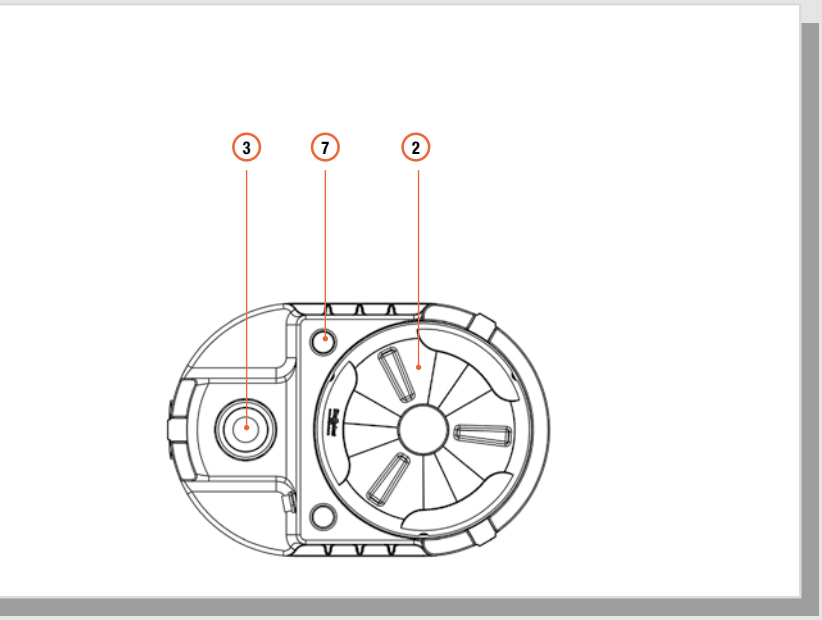


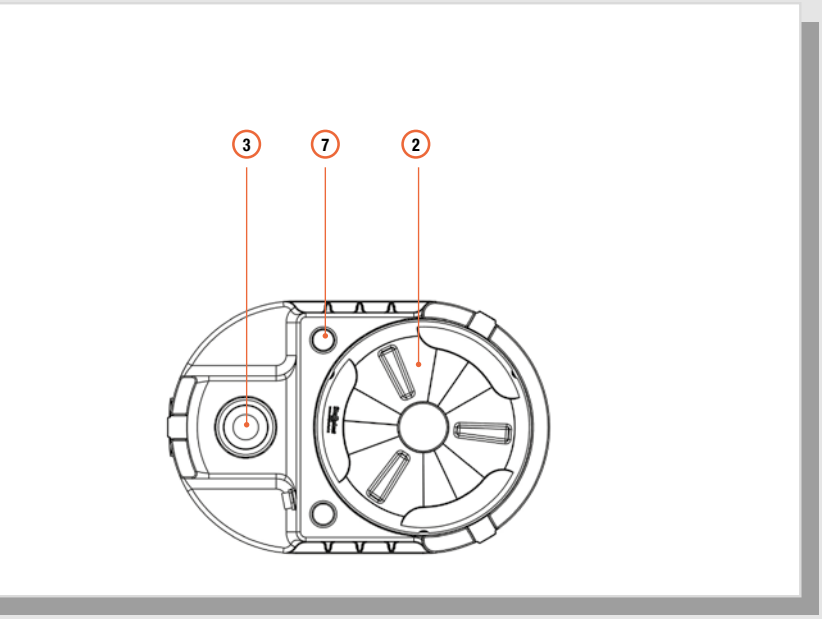
MOD. 200 LITERS



TECHNICAL TABLE - PRICE LIST

icon	model	total volume	useful volume	Le x W x h	inspections	
					tank	basket
		lt	lt	cm	mm	
	BSS 100	100	75	76 x 50 x 59	Ø 400	Ø 110
	BSS 200	200	175	76 x 50 x 85		



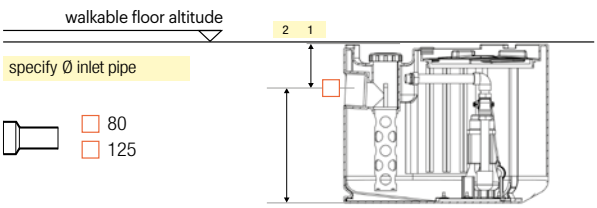


KEY

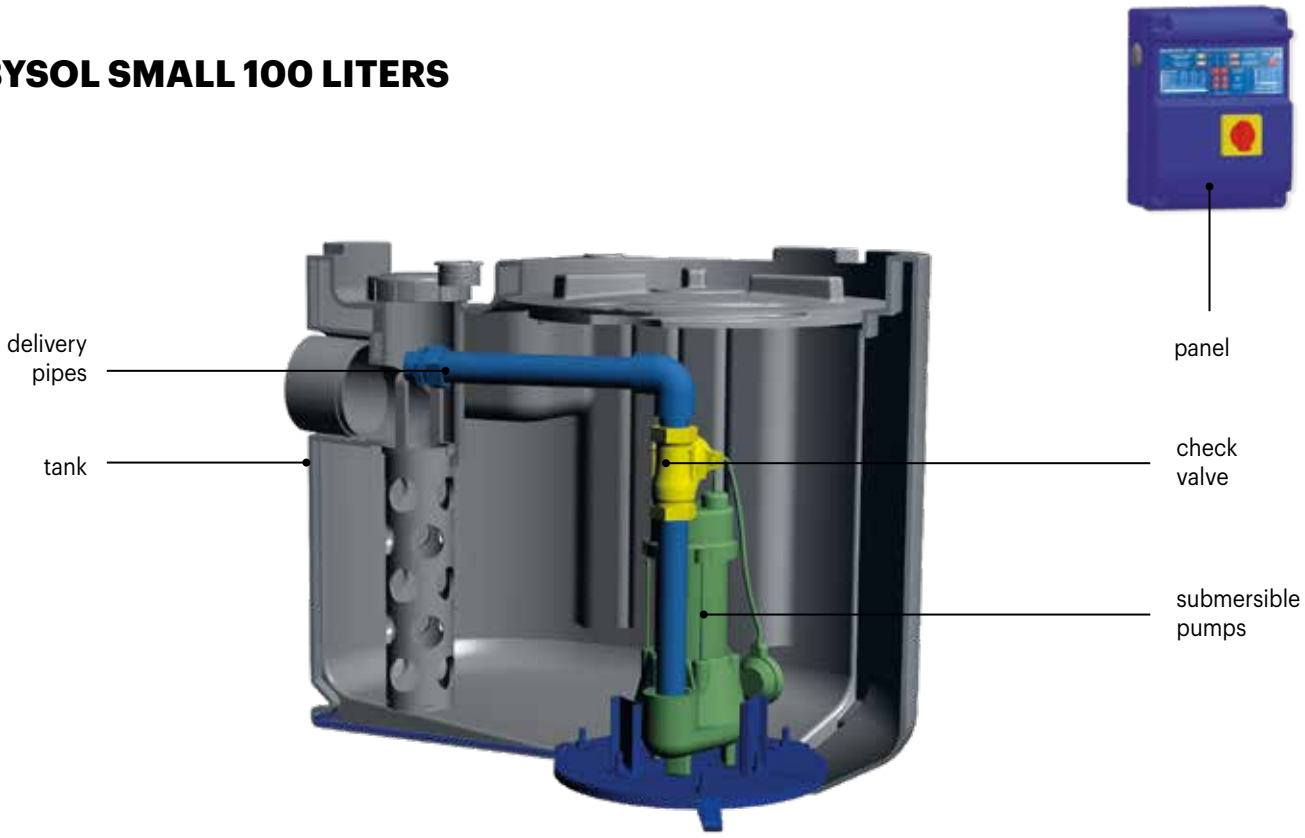
1. Tank
2. Tank/pump inspection: cap Ø 400 bayonet closure
3. Pipe/basket inlet inspection: threaded cap Ø 113
4. Sewage inlet pipe
5. Large-mesh basket in PE
6. Vent
7. Cable gland
8. Pump delivery pipes
9. Predisposition for check valve housing
10. Submersible pump
11. Cast iron ball check valve
12. Electric panel
13. Float switches on the pump
14. Pump supporting frame

INLET HEIGHT AND PIPE DIAMETER SPECIFICATIONS

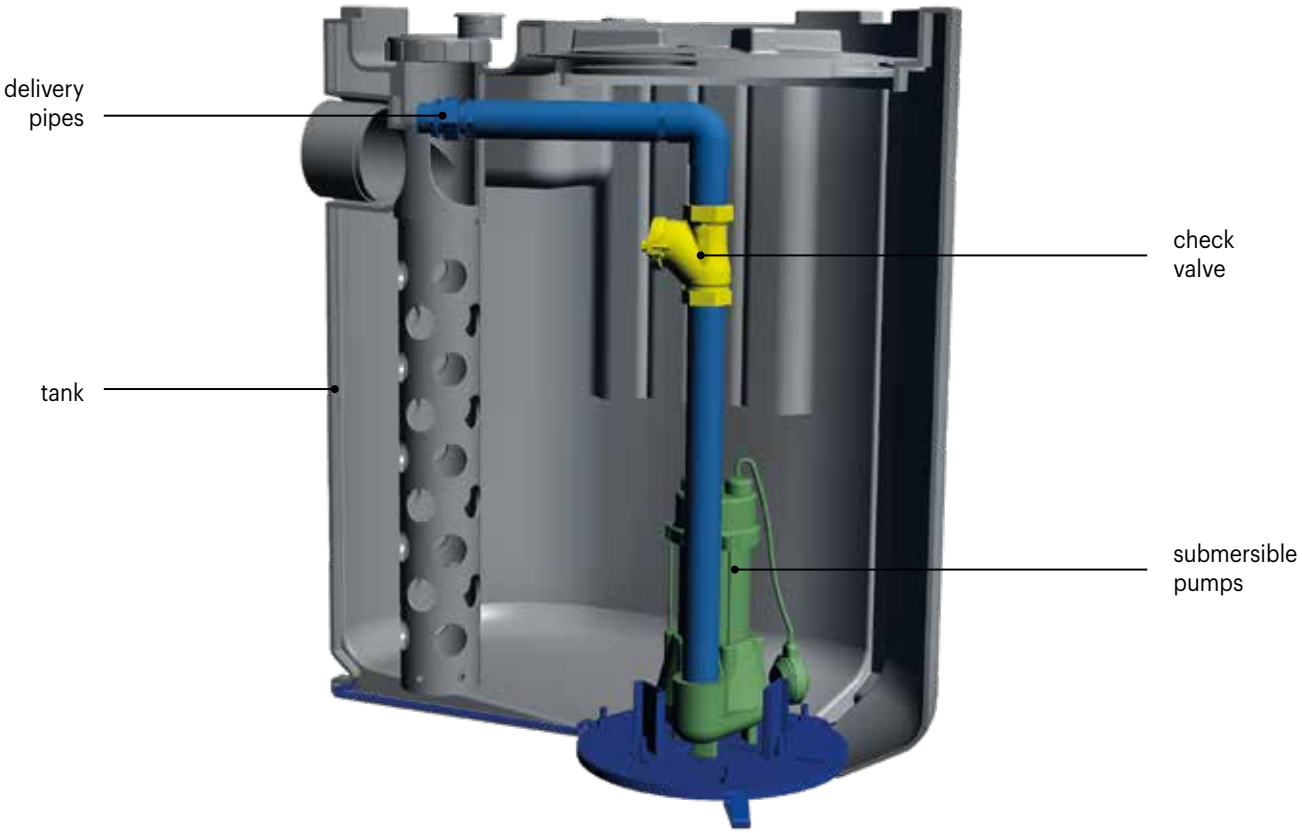
pipe inlet			pumps housing		
PVC pipe with gasket	h pipe center from walkable floor (1)	h pipe center from tank's bottom (2)	quantity	delivery	delivery
mm			n.	DN	PA/PL
Ø 80	190	400	1	1" 1/2	PL
Ø 125		680	1	1"1/2	



BABYSOL SMALL 100 LITERS



BABYSOL SMALL 200 LITERS



CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY	DELIVERY PIPES	PUMPS	CHECK VALVE	PANEL	FIXING PLATE
		1 Tank **2** Tank/pump inspection **3** Basket/pipe inlet inspection **4** Sewage inlet pipe **5** Large-mesh basket in PE **6** Vent **7** Cable gland	**8** Delivery pipes **9** Predisp. for check valve housing	**10** Submersible pump	**11** Ball check valve	**12** Electric panel	**14** Stainless steel plate
		€					
BSS 100	**Ø 1"1/4**	**232,00**	**76,00**	see pumps list at pag. 57	**143,00**	**290,00**	**298,00**
BSS 200		**262,00**	**76,00**		**143,00**	**290,00**	**298,00**
BSS 100	**Ø 1"1/2**	**232,00**	**91,00**		**146,00**	**290,00**	**298,00**
BSS 200		**262,00**	**91,00**		**146,00**	**290,00**	**298,00**

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	accessories		
				pumps		tank	delivery pipes	pump		check valve	electric panel	fixing plate
	vol.	Le x W x h		pot.	mand.	1 ÷ 7	8 ÷ 9	10		11	12 ÷ 13	14
	lt	cm	n.	KW	Ø"	€			€	€		
BSS 100 L037MM	**100**	76 x 50 x 59	1	0,37	1"1/4	232,00	76,00	415,00	**723,00**	143,00	290,00	298,00
BSS 100 L060MM		76 x 50 x 59	1	0,6	1"1/4	232,00	76,00	575,00	**883,00**	143,00	290,00	298,00
BSS 100 L075MM		76 x 50 x 59	1	0,75	1"1/2	232,00	91,00	615,00	**938,00**	146,00	290,00	298,00
BSS 100 L037ZM		76 x 50 x 59	1	0,37	1"1/2	232,00	91,00	560,00	**883,00**	146,00	290,00	298,00
BSS 100 L060AM		76 x 50 x 59	1	0,6	1"1/2	232,00	91,00	535,00	**858,00**	146,00	290,00	298,00
BSS 100 T075PM		76 x 50 x 59	1	0,75	1"1/4	232,00	76,00	1.480,00	**1.788,00**	143,00	290,00	298,00
BSS 100 T090AM		76 x 50 x 59	1	0,9	1"1/4	232,00	76,00	1.465,00	**1.773,00**	143,00	290,00	298,00
BSS 100 T110AM		76 x 50 x 59	1	1,1	1"1/4	232,00	76,00	1.520,00	**1.828,00**	143,00	290,00	298,00
BSS 200 L037MM	**200**	76 x 50 x 85	1	0,37	1"1/4	262,00	76,00	415,00	**753,00**	143,00	290,00	298,00
BSS 200 L060MM		76 x 50 x 85	1	0,6	1"1/4	262,00	76,00	575,00	**913,00**	143,00	290,00	298,00
BSS 200 L075MM		76 x 50 x 85	1	0,75	1"1/2	262,00	91,00	615,00	**968,00**	146,00	290,00	298,00
BSS 200 L037ZM		76 x 50 x 85	1	0,37	1"1/2	262,00	91,00	560,00	**913,00**	146,00	290,00	298,00
BSS 200 L060AM		76 x 50 x 85	1	0,6	1"1/2	262,00	91,00	535,00	**888,00**	146,00	290,00	298,00
BSS 200 T090AM		76 x 50 x 85	1	0,9	1"1/4	262,00	76,00	1.465,00	**1.803,00**	143,00	290,00	298,00
BSS 200 T075PM		76 x 50 x 85	1	0,75	1"1/4	262,00	76,00	1.480,00	**1.818,00**	143,00	290,00	298,00
BSS 200 T110AM		76 x 50 x 85	1	1,1	1"1/4	262,00	76,00	1.520,00	**1.858,00**	143,00	290,00	298,00

Notes: in the case of a float on the pump, the system does not require an electrical panel. If the pump does not have a float on board, it is necessary to install the command control panel and nr. 2 float switches (code INT GAL G) price €/each 125,00 (page 56.

BABYSOL
BBS

FUNCTION AND USE

Lifting station BABYSOL consists of a polyethylene tank, with the function of collecting and bringing rainwater or wastewater to a higher level. Inside there is a pumping system controlled by floats and electric panel. The system is suitable for lifting small size units and must be installed in basements etc.
The screening basket positioned at the inlet is designed for holding coarse solids that would clog the pumps (lumps of paper, plastic materials, paper cloth, etc.).
If the quantity of solids is substantial, the use of pre-treatments upstream of the station is recommended.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of underground lifting station in polyethylene "BBS..." type Starplast for lifting clean, dirty or sewage water with a vertical cylindrical shape, with constant thickness of the walls and structure stiffened by horizontal ribs which guarantee the mechanical seal. The tank is equipped at the top with an extension for inspection DN 600 with screw cap and flap lid, for operations of maintenance. The station can be equipped with pump(s) for clear water with closed impeller, for sewage type Vortex or grinder type, with delivery mouth and piping with a maximum diameter of 2" (or DN 50). The pumps are operated by electronic control panel for direct start and float level switches; the system can also be fitted with an acoustic and/or visual alarm.
The lifting tank mod. BBS .. .. has the following dimensions:
Le ... x W ... x h ... total volume lt. ....

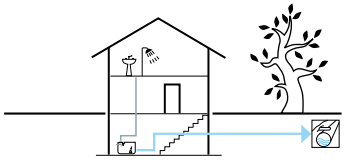
WHERE TO USE IT

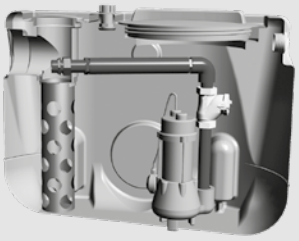
Lifting Station Babysol is generally used downstream of small domestic discharges.

CALCULATION PARAMETERS

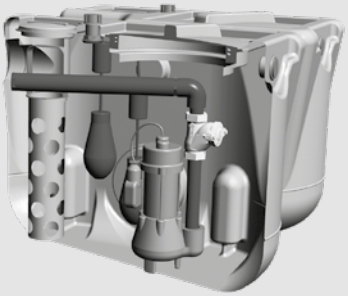
Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence the "characteristic"** of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME





BABYSOL SINGLE TANK



BABYSOL DOUBLE TANK

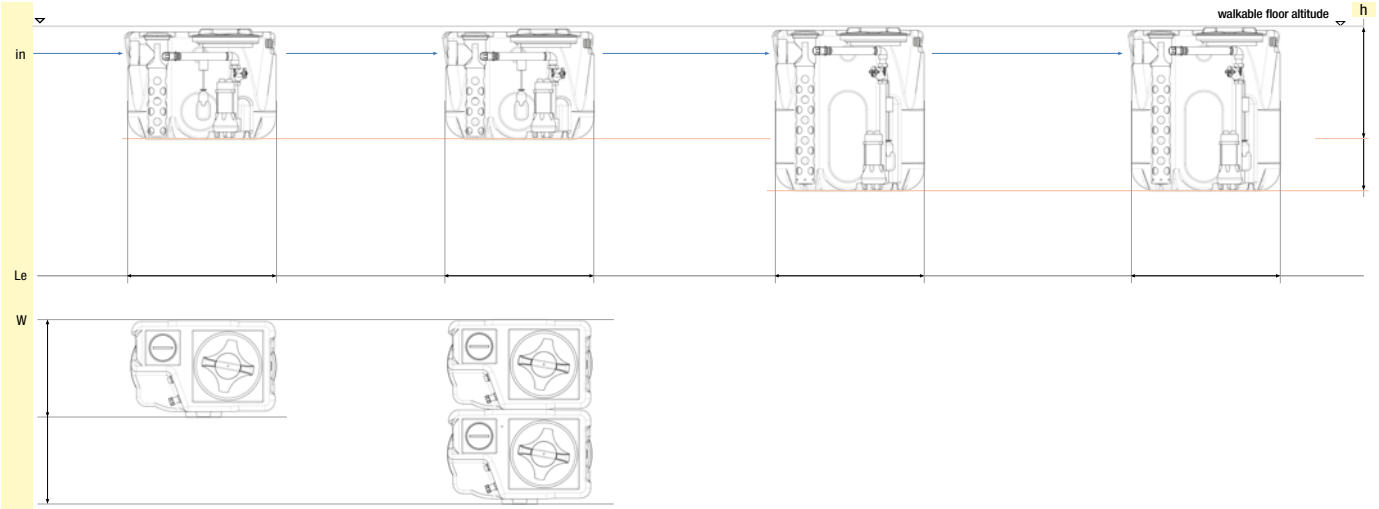
list

data sheet

ICON

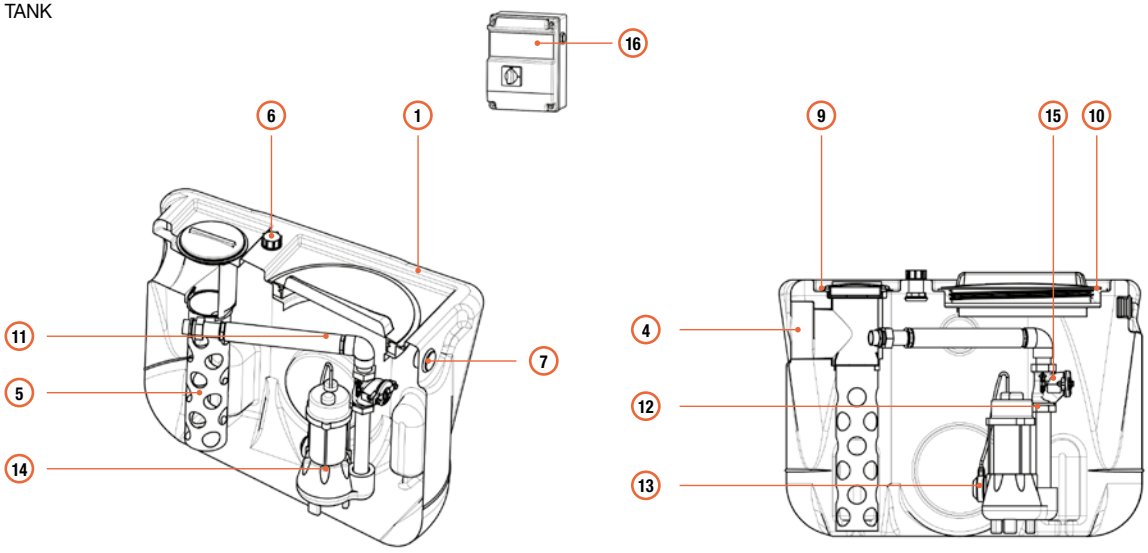
BBS 101	BBS 102	BBS 201	BBS 202
			

TECHNICAL DRAWING

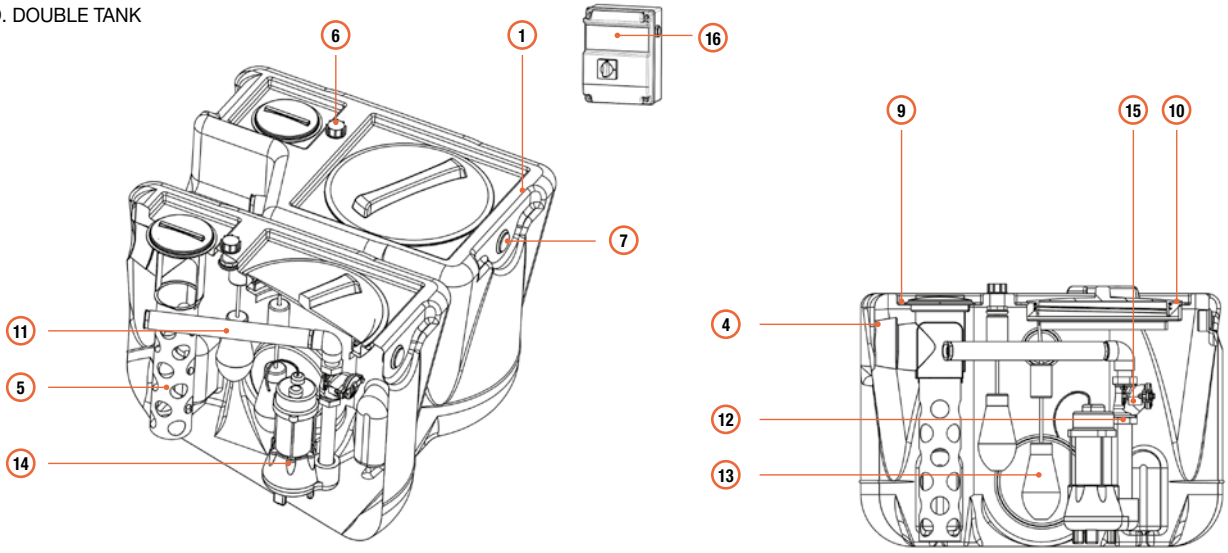


BBS ...

MOD. SINGLE TANK

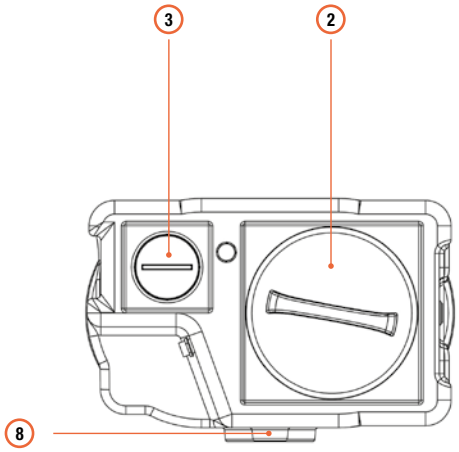


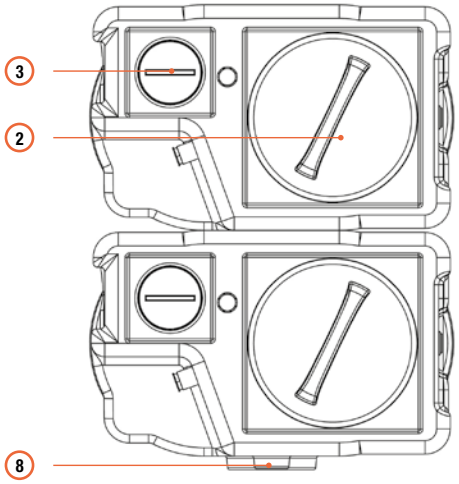
MOD. DOUBLE TANK



TECHNICAL CHART - LIST

icon	model	total volume	useful volume	Le x W x h	inspections	
					tank	basket
		lt	lt	cm	mm	
	BBS 101	100	75	80 x 50 x 56	Ø 350	Ø 140
	BBS 102	200	150	80 x 100 x 56		
	BBS 201	200	175	80 x 50 x 84		
	BBS 202	400	350	80 x 100 x 84		



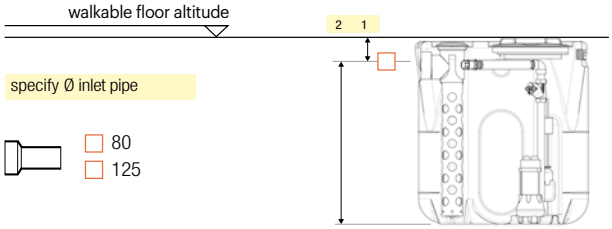


KEY

1. Tank
2. Tank/pump inspection: cap Ø 350 with threaded closure
3. Pipe/basket inlet inspection: cap Ø 140 bayonet closure
4. Sewage inlet pipe
5. Large mesh basket in PE for coarse bodies removal
6. Cable gland
7. Vent
8. Predisposition for double tank connection
9. Predisposition for shaft elevation 200x200
10. Predisposition for shaft elevation 400x400
11. Pump delivery pipes
12. Predisposition for ball check valve housing
13. Float switches:
    - single-pump version float integrated with the pump
    - double-pump version n. 3 floats (those integrated with pump blocked)
14. Submersible pump
15. Cast iron ball check valve
16. Electric panel

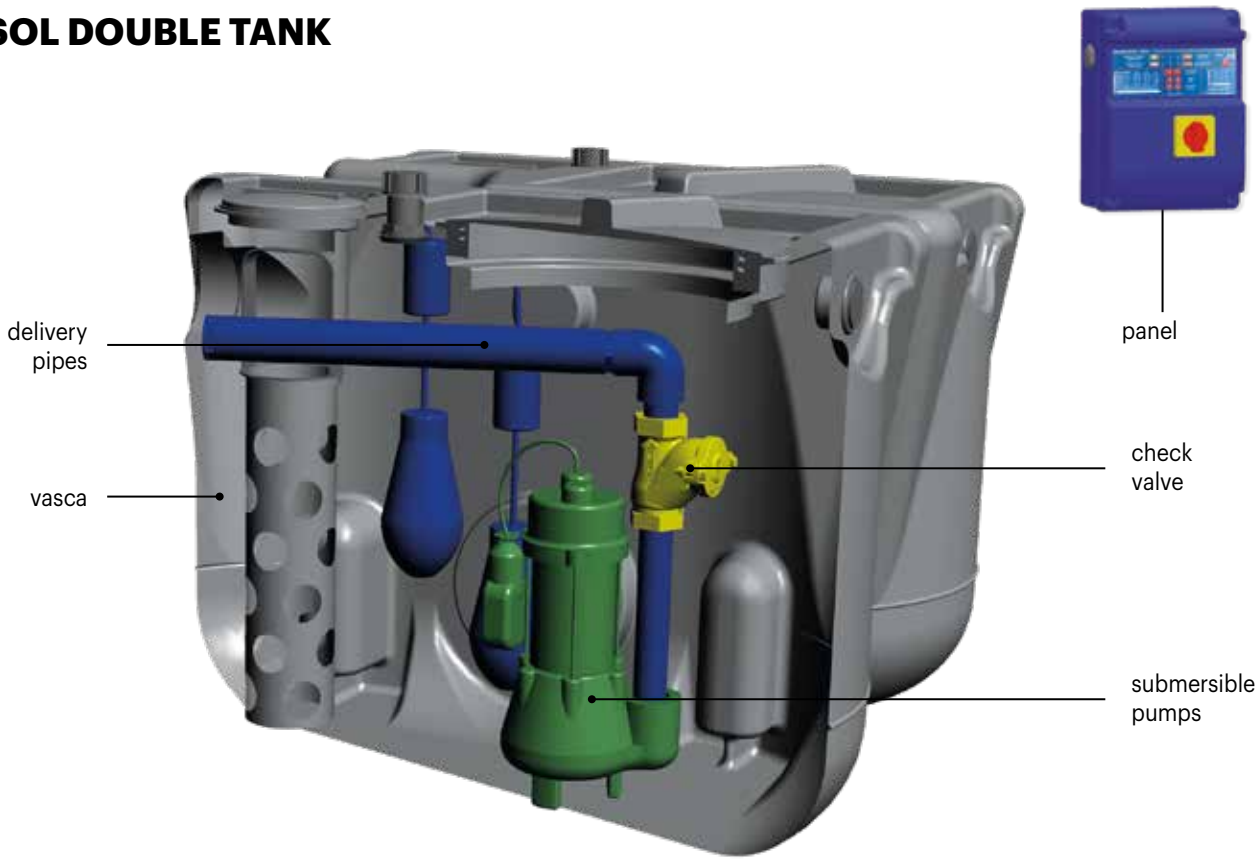
pipe inlet			pumps housing		
PVC pipe with gasket	h pipe center from walkable floor (1)	h pipe center from tank's bottom (2)	quantity	delivery	pump attachment
	mm		n.	DN	PA/PL
Ø 80 Ø 125	120	440	1	1" 1/2	PL
		440	2	1"1/2	
		720	1	2"	
		720	2	2”	

INLET HEIGHT AND PIPE DIAMETER SPECIFICATIONS



BABYSOL SINGLE TANK

BABYSOL DOUBLE TANK



CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY	DELIVERY PIPES	PUMPS	CHECK VALVE	PANEL
		1 Tank **2** Tank/pump inspection **3** Basket/pipe inlet inspection **4** Sewage inlet pipe **5** Large-mesh basket in PE **6** Cable-gland **7** Vent **8** Predisposition double tank connection **9** Predisposition shaft elevation 200x200 **10** Predisposition shaft elevation 400x400	**11** Delivery pipes **12** Predisp. for check valve housing **13** Float switches*	**14** Submersible pump	**15** Ball check valve	**16** Electric panel
		€				

			1 pump*	2 pumps		1 pump*	2 pumps	
BBS 101	**Ø 1"1/4**	**451,00**	**67,00**	**-**	see pumps list at pag. 57	**143,00**	**-**	see panels list at pag. 55
BBS 102		**831,00**	**67,00**	**424,00**		**143,00**	**286,00**	
BBS 201		**702,00**	**67,00**	**-**		**143,00**	**-**	
BBS 202		**1.414,00**	**67,00**	**424,00**		**143,00**	**286,00**	
BBS 101	**Ø 1"1/2**	**451,00**	**83,00**	**-**	see pumps list at pag. 57	**146,00**	**-**	see panels list at pag. 55
BBS 102		**831,00**	**83,00**	**461,00**		**146,00**	**292,00**	
BBS 201		**702,00**	**83,00**	**-**		**146,00**	**-**	
BBS 202		**1.414,00**	**83,00**	**461,00**		**146,00**	**292,00**	
BBS 201	**Ø 2"**	**702,00**	**123,00**	**-**	see pumps list at pag.57	**169,00**	**-**	see panels list at pag. 55
BBS 202		**1.414,00**	**123,00**	**540,00**		**169,00**	**338,00**	

* for models with 1 pump the float on the pump can be used - They do not require an electric panel.

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	accessories	
				pumps		tank	delivery pipes	pump		check valve	electric panel
	vol.	Le x W x h		power	delivery	1 ÷ 10	11 ÷ 13	14		15	16
	lt	cm	n.	KW	"	€			€	€	
BBS TOP 101 L037MM	**100**	80 x 50 x 56	1*	0,37	1"1/4	451,00	67,00	415,00	**933,00**	143,00	290,00
BBS TOP 101 L060MM		80 x 50 x 56	1*	0,6	1"1/4	451,00	67,00	575,00	**1.093,00**	143,00	290,00
BBS TOP 101 L075MM		80 x 50 x 56	1*	0,75	1"1/2	451,00	83,00	615,00	**1.149,00**	146,00	290,00
BBS TOP 101 T075PM		80 x 50 x 56	1*	0,75	1"1/4	451,00	67,00	1.480,00	**1.998,00**	143,00	290,00
BBS TOP 101 T110AM		80 x 50 x 56	1*	1,1	1"1/4	451,00	67,00	1.520,00	**2.038,00**	143,00	290,00
BBS TOP 102 L037MM	**200**	80 x 100 x 56	2	0,37	1"1/4	831,00	424,00	830,00	**2.085,00**	286,00	335,00
BBS TOP 102 L060MM		80 x 100 x 56	2	0,6	1"1/4	831,00	424,00	1.150,00	**2.405,00**	286,00	335,00
BBS TOP 102 L075MM		80 x 100 x 56	2	0,75	1"1/2	831,00	461,00	1.230,00	**2.522,00**	292,00	335,00
BBS TOP 102 T075PM		80 x 100 x 56	2	0,75	1"1/4	831,00	424,00	2.960,00	**4.215,00**	286,00	335,00
BBS TOP 102 T110AM		80 x 100 x 56	2	1,1	1"1/4	831,00	424,00	3.040,00	**4.295,00**	286,00	335,00
BBS TOP 201 L037MM	**200**	80 x 50 x 84	1*	0,37	1"1/4	702,00	67,00	415,00	**1.184,00**	143,00	290,00
BBS TOP 201 L060MM		80 x 50 x 84	1*	0,6	1"1/4	702,00	67,00	575,00	**1.344,00**	143,00	290,00
BBS TOP 201 L075MM		80 x 50 x 84	1*	0,75	1"1/2	702,00	83,00	615,00	**1.400,00**	146,00	290,00
BBS TOP 201 L110MM		80 x 50 x 84	1*	1,1	2"	702,00	123,00	965,00	**1.790,00**	146,00	290,00
BBS TOP 201 T110AM		80 x 50 x 84	1*	1,1	1"1/4	702,00	67,00	1.520,00	**2.289,00**	143,00	290,00
BBS TOP 201 T150PM		80 x 50 x 84	1*	1,5	1"1/4	702,00	67,00	2.560,00	**3.329,00**	143,00	290,00
BBS TOP 202 L037MM	**400**	80 x 100 x 84	2	0,37	1"1/4	1.414,00	424,00	830,00	**2.668,00**	286,00	335,00
BBS TOP 202 L060MM		80 x 100 x 84	2	0,6	1"1/4	1.414,00	424,00	1.150,00	**2.988,00**	286,00	335,00
BBS TOP 202 L075MM		80 x 100 x 84	2	0,75	1"1/2	1.414,00	461,00	1.230,00	**3.105,00**	292,00	335,00
BBS TOP 202 L110MM		80 x 100 x 84	2	1,1	2"	1.414,00	540,00	1.930,00	**3.884,00**	292,00	335,00
BBS TOP 202 T110AM		80 x 100 x 84	2	1,1	1"1/4	1.414,00	424,00	3.040,00	**4.878,00**	286,00	335,00
BBS TOP 202 T150PM		80 x 100 x 84	2	1,5	1"1/4	1.414,00	424,00	5.120,00	**6.958,00**	286,00	335,00

MINISOL
MNS

FUNCTION AND USE

Lifting station MINISOL consists of a vertical cylindrical polyethylene tank, with the function of collecting and bringing rainwater or wastewater to a higher level.
Inside there is a pumping system controlled by floats and electric panel.
The system is suitable for lifting small and medium size units with maximum delivery diameters DN 50.
The use of pre-treatments upstream of the station is recommended.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of lifting station in polyethylene for underground use "MNS..." type Starplast for the lifting of sewage or dirty clear water, vertical cylindrical shape with constant thickness of the walls, stiffened by horizontal ribs which ensure the mechanical sealing.
The tank bottom is suitable both for the free pump housing and for the affixing of quick coupling feet through the apposition of appropriate fixing plate realized in polyethylene.
At the base of the tanks there are 3 eyelets for the anchoring to concrete slab.
The station is equipped at the top with an extension for inspection DN 600 with screw cap and folding lid for maintenance operations.
Therefore, the station can be equipped with closed impeller pump for clear water or for sewage type Vortex or grinder, with delivery mouth and pipeline with maximum diameter 2" (or DN 50).
The pumps are operated by command electric panel for direct start-up and float level switches; the system can also be equipped with acoustic and/ or visual alarm.
The lifting tank mod. MNS .. .. will have the following dimensions
Le ... x W ... x h ... total volume lt. ....

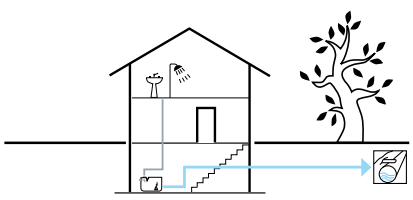
WHERE TO USE IT

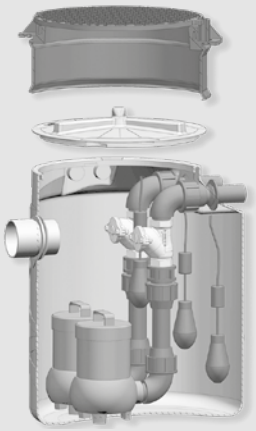
Lifting Station Minisol is generally used downstream of small domestic discharges.

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence** the "characteristic" of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME





MINISOL
DOUBLE PUMP

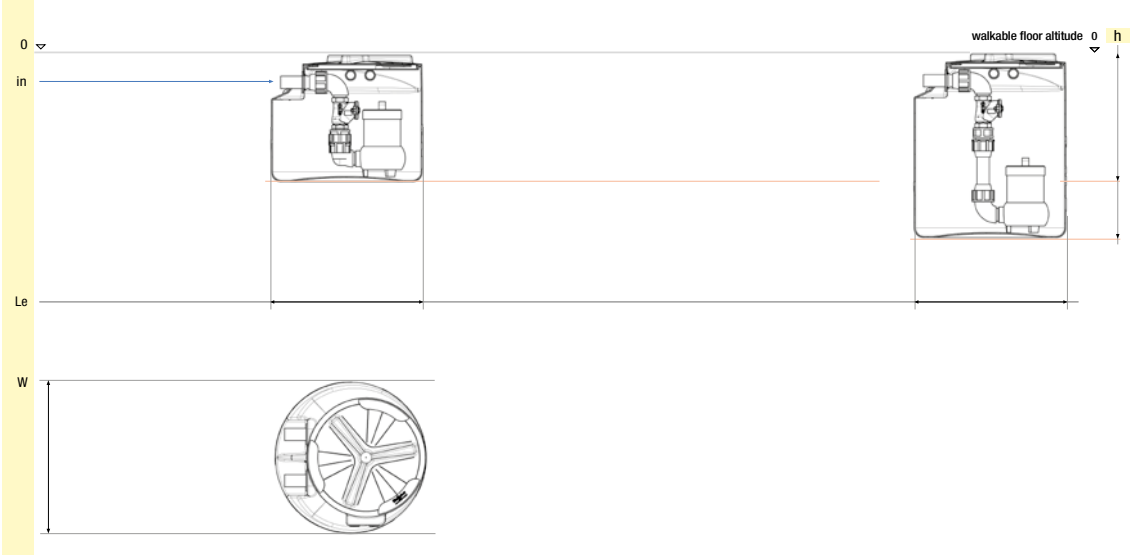
list

data sheet

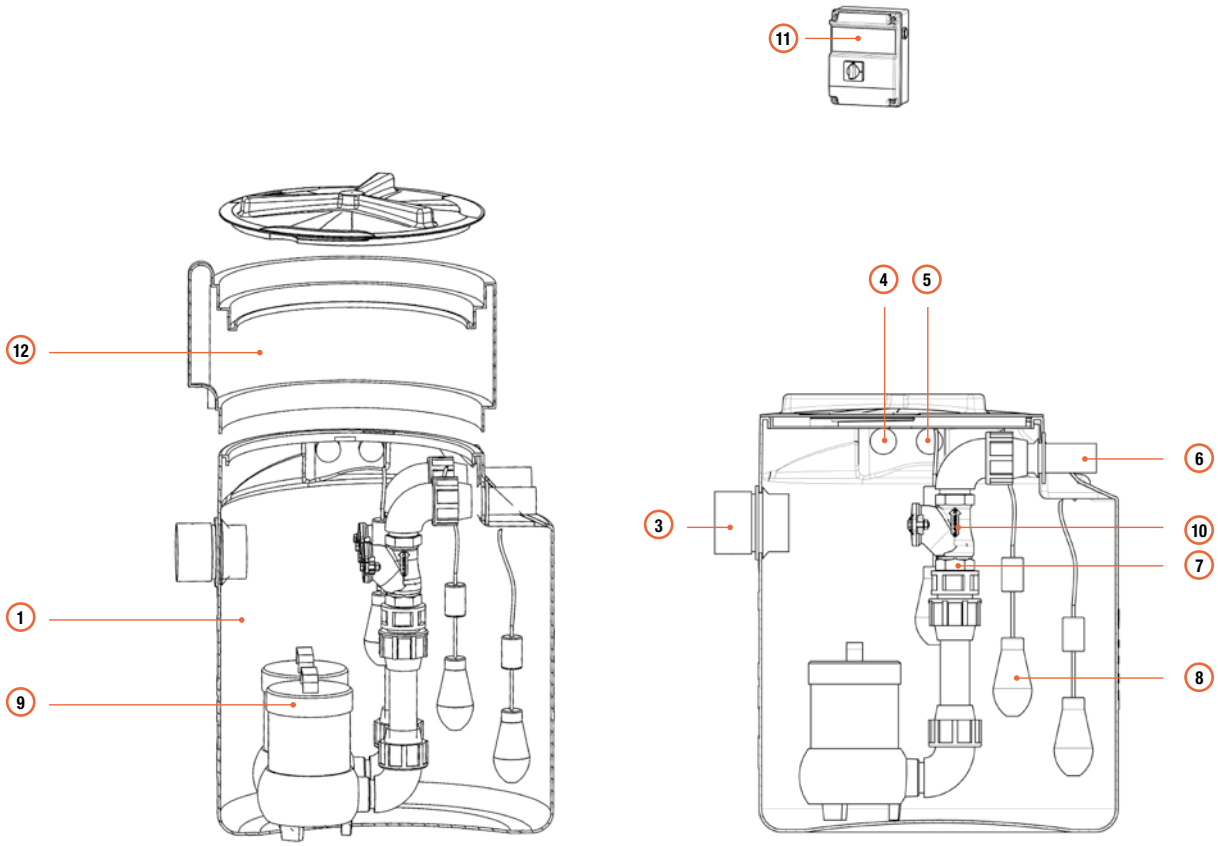
ICON

MNS 250	MNS 400
	

TECHNICAL DRAWING

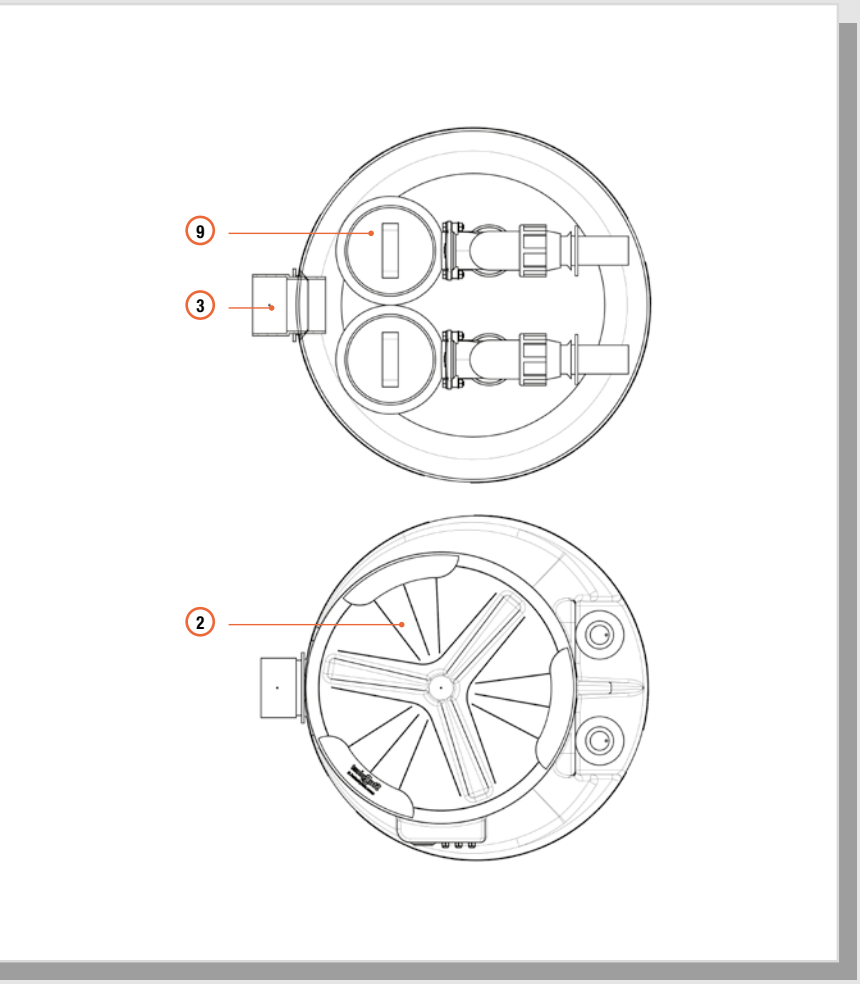


MNS ...



TECHNICAL CHART - LIST

icon	model	total volume	useful volume	Le x W x h	cap
		lt	lt	cm	mm
	MNS 250	250	170	78 x 78 x 65	Ø 600
	MNS 400	400	310	78 x 78 x 95	

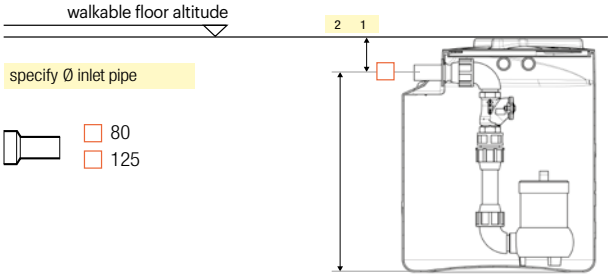


KEY

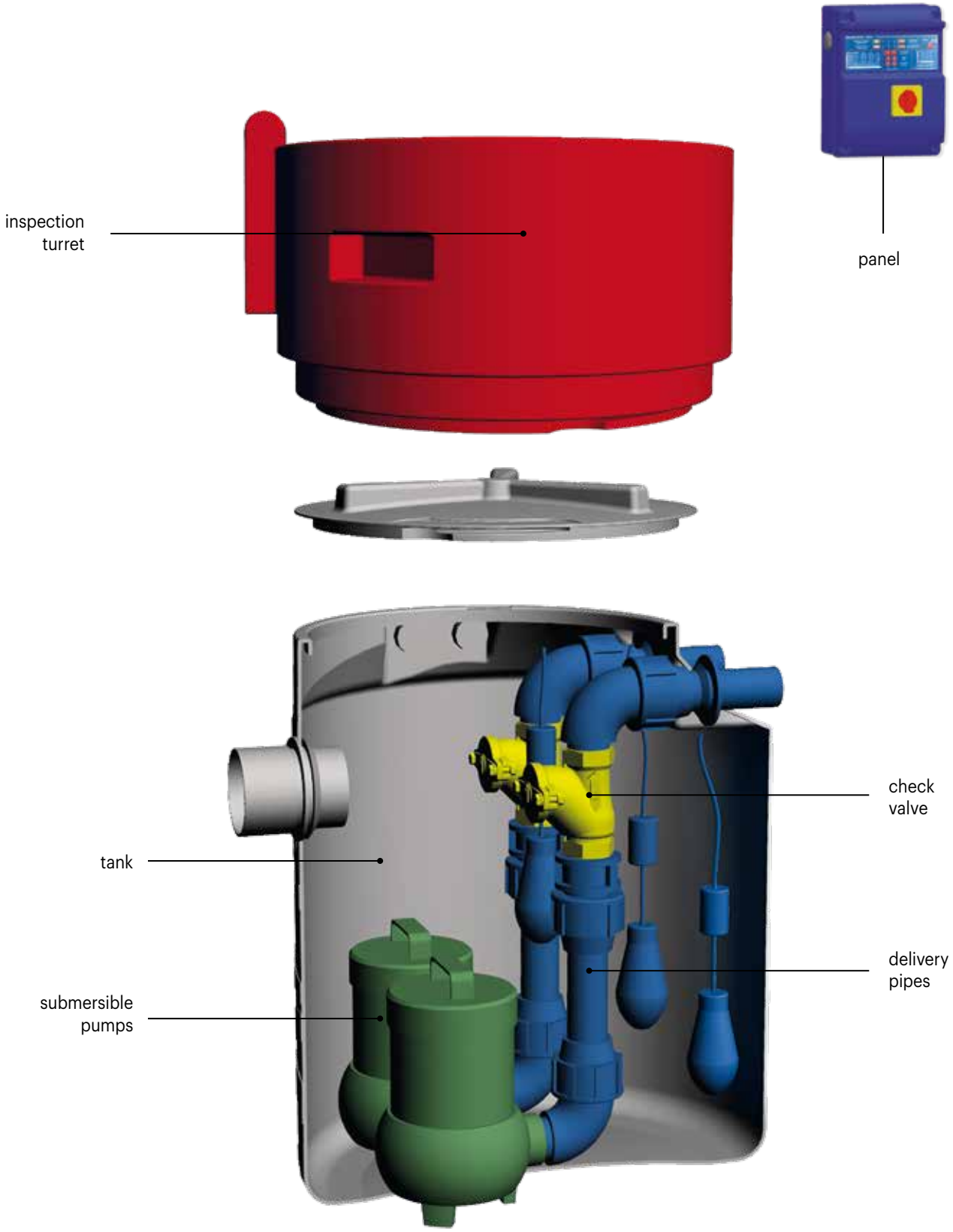
1. Tank
2. Inspection tank/pump:
   cap ø 600 with bayonet closure
3. Sewage inlet pipe
4. Cable gland
5. Vent
6. Pump delivery pipes
7. Predisposition for ball check valve housing
8. Float switches:
   - single-pump version
     float on the pump
   - double pump version nr. 3 floats
     (those integrated with pump are blocked)
9. Submersible pump
10. Cast iron ball check valve
11. Electric panel
12. Lifting turret ø 600 (optional)

pipe inlet			pump housing		
PVC pipe with gaskets	h pipe center from walkable floor (1)	h pipe center from tank bottom (2)	bottom quantity	delivery	pump attachment
mm			n.	DN	PA/PL
Ø 80	260	390	1/2	1" 1/2	PL
Ø 125		690	1/2	2"	

INLET HEIGHT AND PIPE DIAMETER SPECIFICATIONS



MINISOL


inspection turret
panel
tank
check valve
delivery pipes
submersible pumps

CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY	DELIVERY PIPES	PUMPS	CHECK VALVE	PANEL	ACCESSORIES
		1 Tank **2** Inspection Ø 600 **3** Sewage inlet pipe **4** Cable gland **5** Vent	**6** Pump delivery pipes **7** Predisposition for check valve housing **8** Float switches*	**9** Submersible pump	**10** Check valve	**11** Electric panel	**12** Inspection turret Ø 600
		€					

			1 pump	2 pumps		1 pump	2 pumps		
MNS 250	**Ø 1"1/4**	**380,00**	**67,00**	**424,00**	see pumps list at pag. 57	**143,00**	**286,00**	see panels list at pag. 55	see accessories list at pag. 54
MNS 400		**480,00**	**67,00**	**424,00**		**143,00**	**286,00**		
MNS 250	**Ø 1"1/2**	**380,00**	**83,00**	**457,00**		**146,00**	**292,00**		
MNS 400		**480,00**	**83,00**	**457,00**		**146,00**	**292,00**		
MNS 400	**Ø 2"**	**480,00**	**123,00**	**530,00**		**169,00**	**338,00**		

* for models with 1 pump the float on the pump can be used - They do not require an electric panel.

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	accessories	
				pumps		tank	delivery pipes	pump		check valve	electric panel
	vol.	Le x W x h		pot.	mand.	1 ÷ 5	6 ÷ 8	9		10	11
	lt	cm	n.	KW	Ø"	€			€	€	
MNS TOP 251 L037MM	**250**	78 x 78 x 65	1	0,37	1"1/4	380,00	67,00	415,00	**862,00**	143,00	290,00
MNS TOP 252 L037MM		78 x 78 x 65	2			380,00	424,00	830,00	**1.634,00**	286,00	335,00
MNS TOP 251 L060MM		78 x 78 x 65	1	0,6	1"1/4	380,00	67,00	575,00	**1.022,00**	143,00	290,00
MNS TOP 252 L060MM		78 x 78 x 65	2			380,00	424,00	1.150,00	**1.954,00**	286,00	335,00
MNS TOP 251 L075MM		78 x 78 x 65	1	0,75	1"1/2	380,00	83,00	615,00	**1.078,00**	146,00	290,00
MNS TOP 252 L075MM		78 x 78 x 65	2			380,00	457,00	1.230,00	**2.067,00**	292,00	335,00
MNS TOP 251 T075PM		78 x 78 x 65	1	0,75	1"1/4	380,00	67,00	1.480,00	**1.927,00**	143,00	290,00
MNS TOP 252 T075PM		78 x 78 x 65	2			380,00	424,00	2.960,00	**3.764,00**	286,00	335,00
MNS TOP 251 T110AM		78 x 78 x 65	1	1,1	1"1/4	380,00	67,00	1.520,00	**1.967,00**	143,00	290,00
MNS TOP 252 T110AM		78 x 78 x 65	2			380,00	424,00	3.040,00	**3.844,00**	286,00	335,00
MNS TOP 401 L037MM	**400**	78 x 78 x 95	1	0,37	1"1/4	480,00	67,00	415,00	**962,00**	143,00	290,00
MNS TOP 402 L037MM		78 x 78 x 95	2			480,00	424,00	830,00	**1.734,00**	286,00	335,00
MNS TOP 401 L060MM		78 x 78 x 95	1	0,6	1"1/4	480,00	67,00	575,00	**1.122,00**	143,00	290,00
MNS TOP 402 L060MM		78 x 78 x 95	2			480,00	424,00	1.150,00	**2.054,00**	286,00	335,00
MNS TOP 401 L075MM		78 x 78 x 95	1	0,75	1"1/2	480,00	83,00	615,00	**1.178,00**	146,00	290,00
MNS TOP 402 L075MM		78 x 78 x 95	2			480,00	457,00	1.230,00	**2.167,00**	292,00	335,00
MNS TOP 401 L110MM		78 x 78 x 95	1	1,1	2"	480,00	123,00	965,00	**1.568,00**	169,00	290,00
MNS TOP 402 L110MM		78 x 78 x 95	2			480,00	530,00	1.930,00	**2.940,00**	338,00	335,00
MNS TOP 401 T110AM		78 x 78 x 95	1	1,1	1"1/4	480,00	67,00	1.520,00	**2.067,00**	143,00	290,00
MNS TOP 402 T110AM		78 x 78 x 95	2			480,00	424,00	3.040,00	**3.944,00**	286,00	335,00
MNS TOP 401 T150PM		78 x 78 x 95	1	1,5	1"1/4	480,00	67,00	2.560,00	**3.107,00**	143,00	290,00
MNS TOP 402 T150PM		78 x 78 x 95	2			480,00	424,00	5.120,00	**6.024,00**	286,00	335,00

MINISOL XL
MNX

FUNCTION AND USE

Lifting station MINISOL XL consists of a vertical cylindrical polyethylene tank, with the function of collecting and bringing rainwater or wastewater to a higher level.
Inside there is a pumping system controlled by floats and electric panel. It can be equipped with a quick coupling system or with free pump. The system is suitable for lifting small and medium size units with maximum delivery diameters DN 50.
The use of pre-treatments upstream of the station is recommended.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of lifting station in polyethylene for underground use "MNS XL..." type Starplast for the lifting of sewage or dirty clear water, vertical cylindrical shape with constant thickness of the walls and structure stiffened by horizontal ribs which ensure the mechanic seal.
The tank bottom is suitable both for the housing of free pump and the installation of quick coupling feet through placing of appropriate fixing plate realized in PE. At the base of the tanks there are 3 niches for the anchoring to concrete slab.
The tank is equipped at the top with an inspection extension DN 600 with screw cap and flap lid for the maintenance operations.
Therefore, the station can be equipped with closed impeller pump/s for clear water, for sewage type Vortex or grinder, with delivery mouth and pipeline with maximum diameter 2" (or DN 50).
Pumps are operated by command electronic panel for direct start-up and float level switches; the system can also be equipped with acoustic and/ or visual alarm.
The lifting tank mod. MNSXL .. .. will have the following dimensions
Le ... x W ... x h ... total volume lt. ....

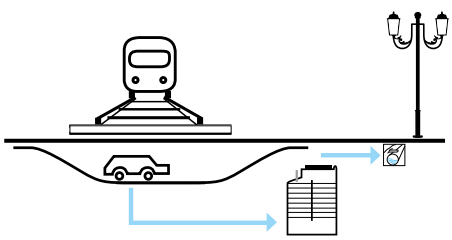
WHERE TO USE IT

The Minisol XL lifting station is generally used downstream of small domestic discharges.

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence** ithe "characteristic" of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME



MINISOL XL
WITH FREE PUMP

list *data sheet*

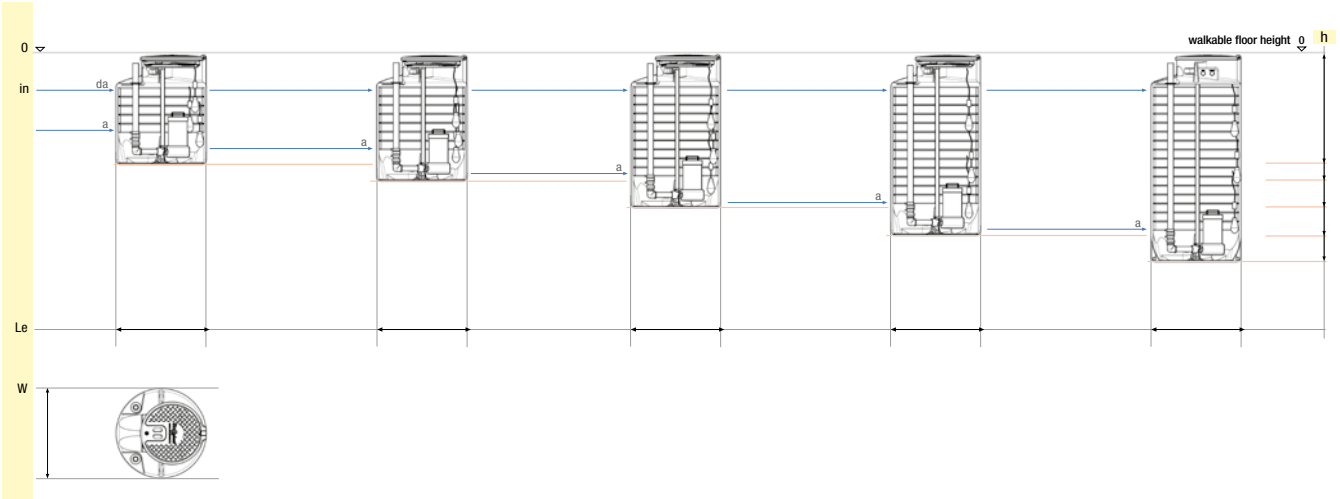
MINISOL XL
WITH PUMP AND
COUPLING FOOT

list *data sheet*

ICON

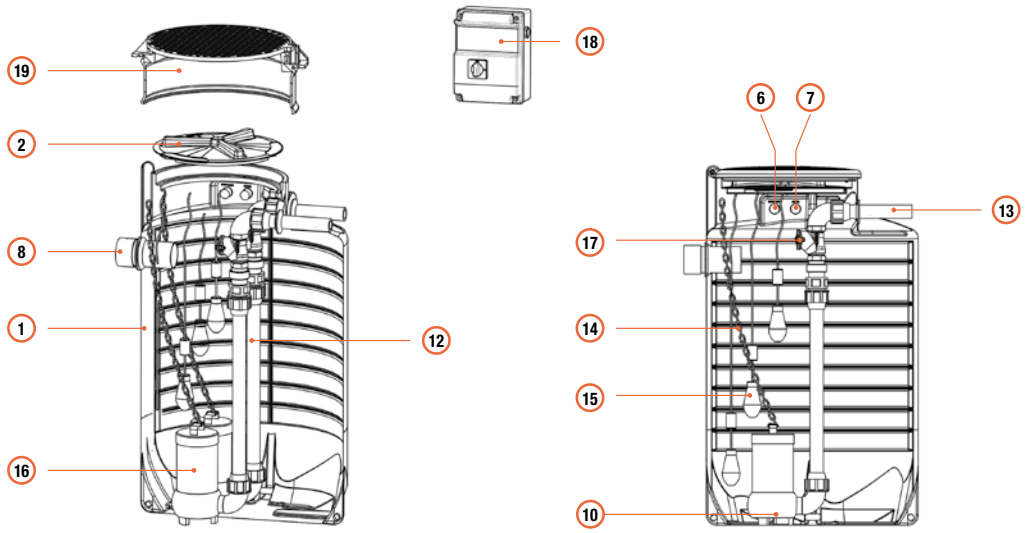
MNX 650	MNX 800	MNX 1000	MNX 1200	MNX 1450
				

TECHNICAL DRAWING

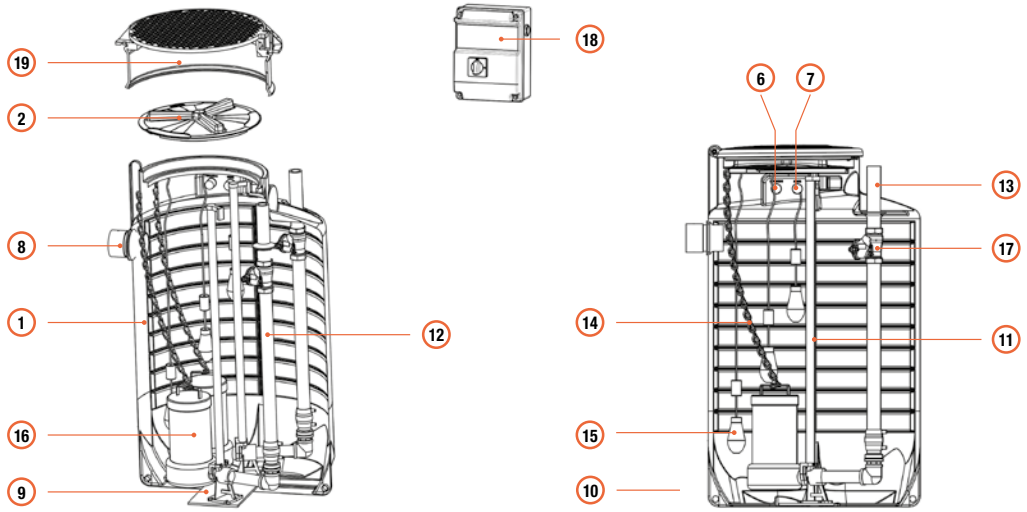


MNX ...

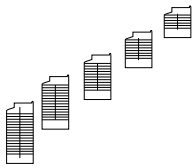
LIFTING STATION WITH
FREESTANDING PUMP

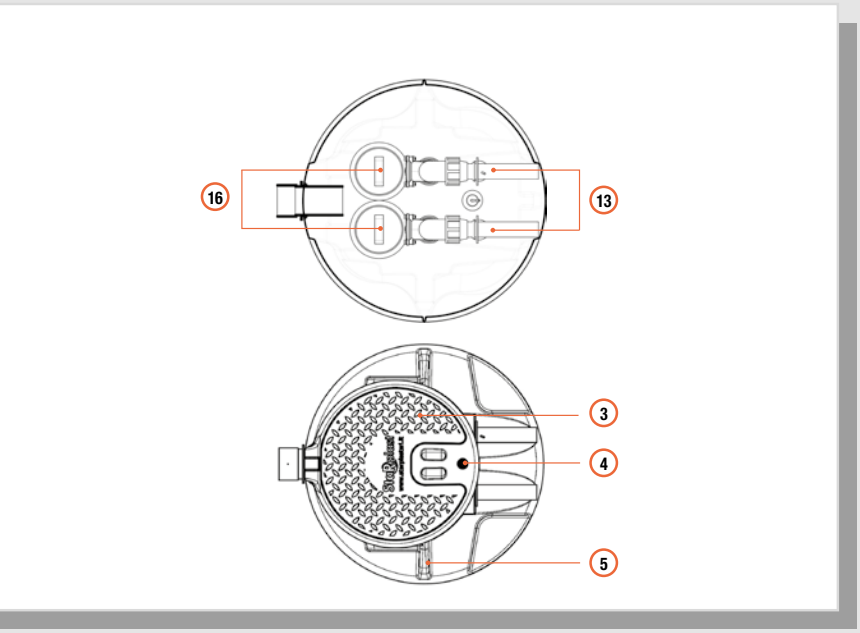


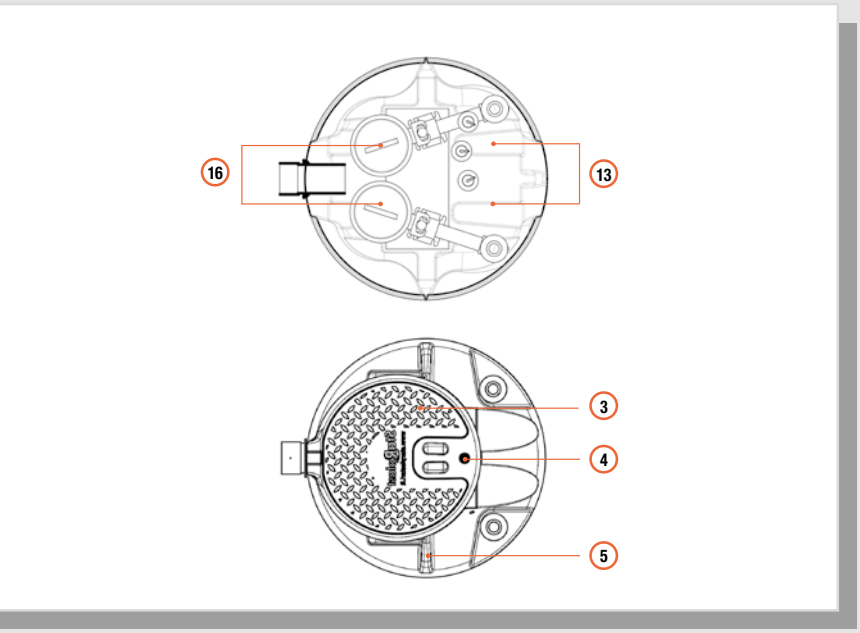
LIFTING STATION WITH
COUPLING SYSTEM



TECHNICAL CHART - LIST

icon	model	volume totale	useful volume	Le x W x h	inspections tank
		lt	lt	cm	mm
	**MNX 650**	**650**	500	100 x 100 x 120	Ø 600
	MNX 800	**800**	650	100 x 100 x 140	
	MNX 1000	**1.000**	890	100 x 100 x 170	
	MNX 1200	**1.200**	1.080	100 x 100 x 200	
	MNX 1450	**1.450**	1.300	100 x 100 x 230	



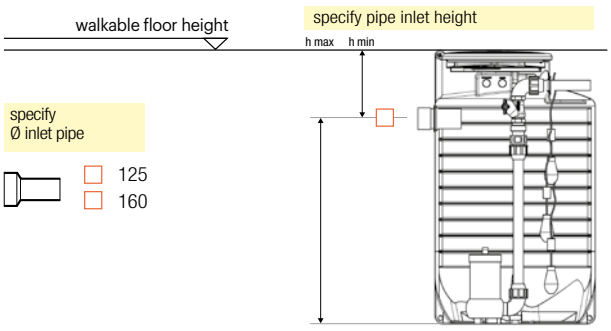


KEY

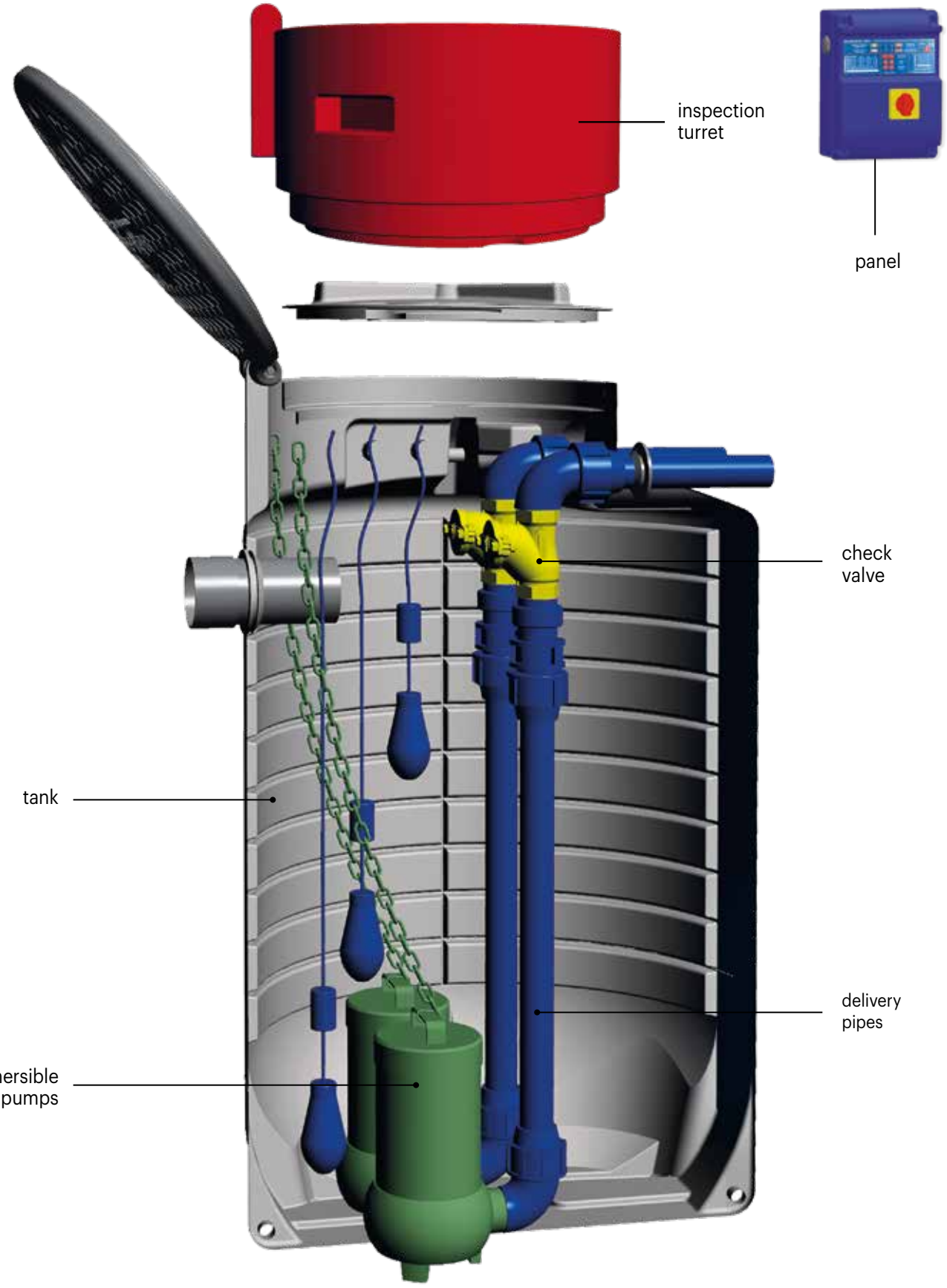
1. Tank
2. Inspection turret ø 600 go-level
3. Flip cover
4. Key closure
5. Tank lifting eyebolt
6. Vent
7. Cable gland
8. Sewage inlet pipe
9. Base in PE for coupling foot fixing
10. Quick coupling foot
11. Pump guide pipes
12. Pump delivery pipes
13. Pumped sewage outlet pipes
14. Chain and snap hooks for pump lifting
15. Float switches
16. Submersible pump
17. Cast iron ball check valve
18. Electric panel
19. Elevation turret ø 600 (optional)

	pipe inlet			pumps housing		
	hole with gasket	h from pipe center to floor	h pipe center from tank's bottom	quantity	delivery	delivery
	mm	mm	mm	n.	DN / "	PA/PL
Ø 125 Ø 160	450	750	1 ÷ 2	1"1/4 1"1/2 2" DN 50		PA / PL
	450	950	1 ÷ 2			
	450	1.250	1 ÷ 2			
	450	1.550	1 ÷ 2			
	450	1.850	1 ÷ 2			

HEIGHT INLET AND PIPE DIAMETER SPECIFICATIONS



MINISOL WITH FREE PUMP



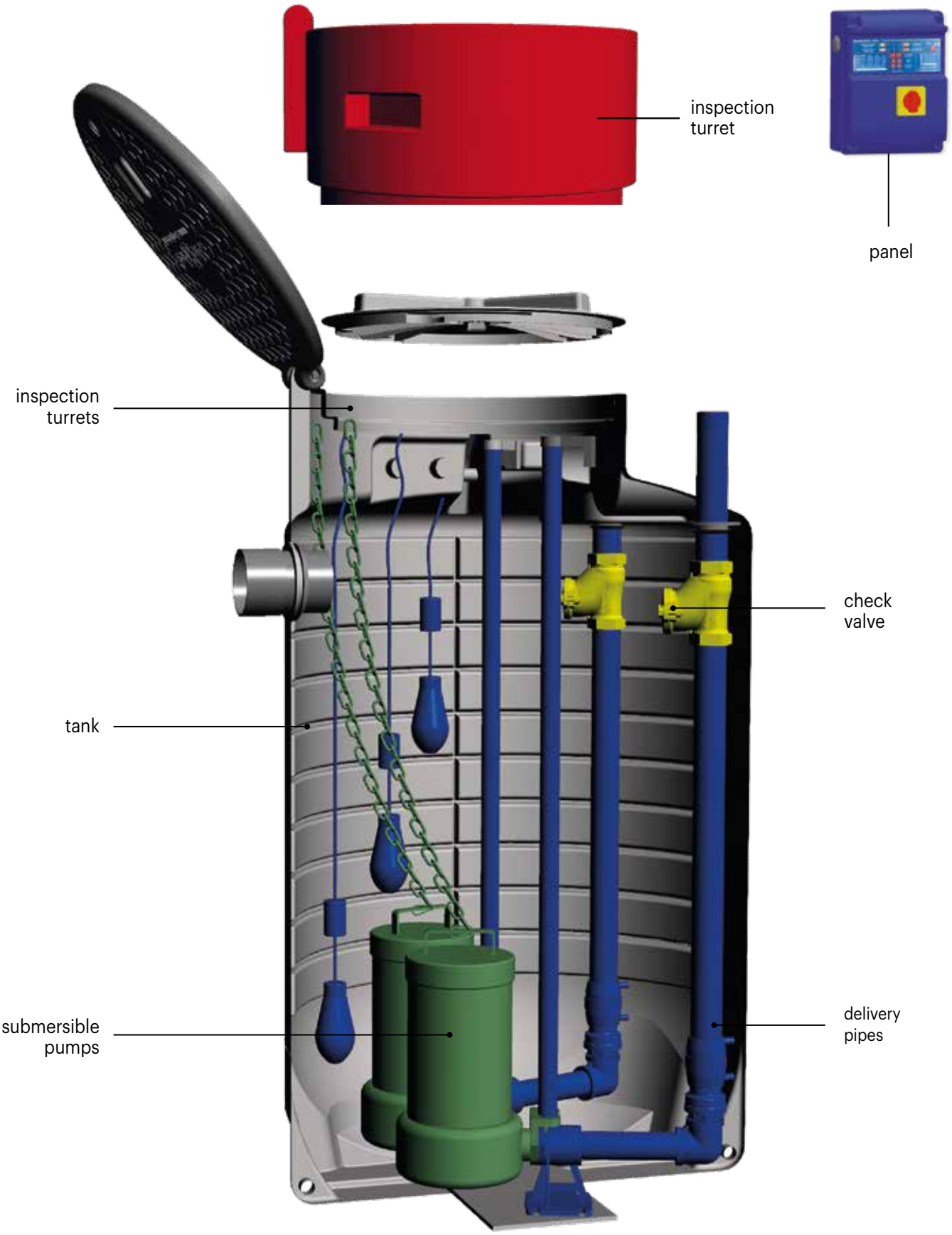
CUSTOMIZABLE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY **1** Tank **2** Bayonet lid Ø 600 **3** Flip cover **4** Key closure **5** Lifting eyebolts **6** Vent **7** Cable gland **8** Sewage inlet pipe	DELIVERY PIPES **12** Pumps delivery pipes **13** Pumped sewage outlet pipes **14** Chain and snap hooks for pump lifting **15** Float switches	PUMP **16** Submersible pump	CHECK VALVE **17** Check valve (inside tank)	PANEL **18** Electric panel	ACCESSORIES **12** Inspection turret Ø 600
		€	1 pump	2 pumps	1 pump	2 pumps	
MNX 650	**1"1/4**	**1.190,00**	**133,00**	**543,00**	**143,00**	**286,00**	see pumps list at pag. 57 / see panels list at pag. 55 / see accessories list at pag. 54
MNX 800		**1.370,00**					
MNX 1000		**1.600,00**					
MNX 1200		**1.805,00**					
MNX 1450		**2.010,00**					
MNX 650	**1"1/2**	**1.190,00**	**153,00**	**590,00**	**146,00**	**292,00**	see pumps list at pag. 57 / see panels list at pag. 55 / see accessories list at pag. 54
MNX 800		**1.370,00**					
MNX 1000		**1.600,00**					
MNX 1200		**1.805,00**					
MNX 1450		**2.010,00**					
MNX 650	**2"**	**1.190,00**	**199,00**	**679,00**	**169,00**	**338,00**	see pumps list at pag. 57 / see panels list at pag. 55 / see accessories list at pag. 54
MNX 800		**1.370,00**					
MNX 1000		**1.600,00**					
MNX 1200		**1.805,00**					
MNX 1450		**2.010,00**					

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	accessories	
			pumps			tank	deliv. pipes	pump		check valve	electric panel
	vol.	Le x h		power	delivery	1 ÷ 8	12 ÷ 15	16		17	18
	lt	cm	n.	KW	"	€			€	€	
MNX TOP 0651 L060MM PL	**650**	Ø 100 x 120	1	0,60	1"1/4	1.190,00	133,00	575,00	**1.898,00**	143,00	290,00
MNX TOP 0652 L060MM PL			2			1.190,00	543,00	1.150,00	**2.883,00**	286,00	335,00
MNX TOP 0651 L075AM PL			1	0,75	1"1/2	1.190,00	153,00	590,00	**1.933,00**	146,00	290,00
MNX TOP 0652 L750AM PL			2			1.190,00	590,00	1.180,00	**2.960,00**	292,00	335,00
MNX TOP 0801 L075MM PL	**800**	Ø 100 x 140	1	0,75	1"1/2	1.370,00	153,00	615,00	**2.138,00**	146,00	290,00
MNX TOP 0802 L075MM PL			2			1.370,00	590,00	1.230,00	**3.190,00**	292,00	335,00
MNX TOP 0801 L110AM PL			1	1,10	2"	1.370,00	199,00	930,00	**2.499,00**	169,00	290,00
MNX TOP 0802 L110AM PL			2			1.370,00	679,00	1.860,00	**3.909,00**	338,00	335,00
MNX TOP 1001 L060AM PL	**1000**	Ø 100 x 170	1	0,60	1"1/2	1.600,00	153,00	535,00	**2.288,00**	146,00	290,00
MNX TOP 1002 L060AM PL			2			1.600,00	590,00	1.070,00	**3.260,00**	292,00	335,00
MNX TOP 1001 L110MM PL			1	1,10	2"	1.600,00	199,00	965,00	**2.764,00**	169,00	290,00
MNX TOP 1002 L110MM PL			2			1.600,00	679,00	1.930,00	**4.209,00**	338,00	335,00
MNX TOP 1201 L037ZM PL	**1200**	Ø 100 x 200	1	0,37	1"1/2	1.805,00	153,00	560,00	**2.518,00**	146,00	290,00
MNX TOP 1202 L037ZM PL			2			1.805,00	590,00	1.120,00	**3.515,00**	292,00	335,00
MNX TOP 1201 L110AM PL			1	1,10	2"	1.805,00	199,00	930,00	**2.934,00**	169,00	290,00
MNX TOP 1202 L110AM PL			2			1.805,00	679,00	1.860,00	**4.344,00**	338,00	335,00
MNX TOP 1451 L120DM PL	**1450**	Ø 100 x 230	1	1,20	2"	2.010,00	199,00	1.325,00	**3.534,00**	169,00	290,00
MNX TOP 1452 L120DM PL			2			2.010,00	679,00	2.650,00	**5.339,00**	338,00	335,00

PUMP AND COUPLING FOOT



CUSTOMIZABLE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY	DELIVERY PIPES	PUMP	CHECK VALVE	PANEL	ACCESSORIES
		1 Tank **2** Bayonet lid Ø 600 **3** Flip cover **4** Key closure **5** Lifting eyebolts **6** Vent **7** Cable gland **8** Sewage inlet pipe	**9** Base in PE for Coupling Foot fixing **10*** Quick coupling foot **11** Pumps guide pipes in stainless steel **12** Pump delivery pipes **13** Pumped sewage outlet pipes **14** Chain and snap hooks for pump lifting **15** Float switches	**16** Submersible pump	**17** Check valve (inside tank)	**18** Electric panel	**12** Inspection turret Ø 600
		€					

			1 pump	2 pumps		1 pump	2 pumps		
MNX 650	**DN50**	**1.190,00**	**815,00**	**1.450,00**	see pumps list at pag. 57	**169,00**	**338,00**	see panels list at pag. 55	see accessories list at pag. 54
MNX 800		**1.370,00**	**835,00**	**1.490,00**					
MNX 1000		**1.600,00**	**865,00**	**1.550,00**					
MNX 1200		**1.805,00**	**965,00**	**1.715,00**					
MNX 1450		**2.010,00**	**990,00**	**1.770,00**					

11 *deduction P.A.
(your eventual supply)

dimension	DN50
€/each	**230,00**

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	optional	
			pumps			tank	deliv. pipes	pump		check valve (inside tank)	electric panel
	vol.	Le x h		power	delivery	1 ÷ 8	9 ÷ 15	16		17	18
	lt	cm	n.	kW	DN	€			€	€	
MNX TOP 0651 L055ZM PA	**650**	Ø 100 x 120	1	0,55	50	1.190,00	815,00	740,00	**2.745,00**	169,00	290,00
MNX TOP 0652 L055ZM PA			2			1.190,00	1.450,00	1.480,00	**4.120,00**	338,00	335,00
MNX TOP 0651 L110MM PA			1	1,10	50	1.190,00	815,00	965,00	**2.970,00**	169,00	290,00
MNX TOP 0652 L110MM PA			2			1.190,00	1.450,00	1.930,00	**4.570,00**	338,00	335,00
MNX TOP 0801 L110BM PA	**800**	Ø 100 x 140	1	1,10	50	1.370,00	835,00	980,00	**3.185,00**	169,00	290,00
MNX TOP 0802 L110BM PA			2			1.370,00	1.490,00	1.960,00	**4.820,00**	338,00	335,00
MNX TOP 0801 L120DM PA			1	1,20	50	1.370,00	835,00	1.325,00	**3.530,00**	169,00	290,00
MNX TOP 0802 L120DM PA			2			1.370,00	1.490,00	2.650,00	**5.510,00**	338,00	335,00
MNX TOP 1001 L150MM PA	**1000**	Ø 100 x 170	1	1,50	50	1.600,00	865,00	1.000,00	**3.465,00**	169,00	290,00
MNX TOP 1002 L150MM PA			2			1.600,00	1.550,00	2.000,00	**5.150,00**	338,00	335,00
MNX TOP 1001 L150ZM PA			1	1,50	50	1.600,00	865,00	1.300,00	**3.765,00**	169,00	290,00
MNX TOP 1002 L150ZM PA			2			1.600,00	1.550,00	2.600,00	**5.750,00**	338,00	335,00
MNX TOP 1201 L150BM PA	**1200**	Ø 100 x 200	1	1,50	50	1.805,00	965,00	905,00	**3.675,00**	169,00	290,00
MNX TOP 1202 L150BM PA			2			1.805,00	1.715,00	1.810,00	**5.330,00**	338,00	335,00
MNX TOP 1201 L110AM PA			1	1,10	50	1.805,00	965,00	930,00	**3.700,00**	169,00	290,00
MNX TOP 1202 L110AM PA			2			1.805,00	1.715,00	1.860,00	**5.380,00**	338,00	335,00
MNX TOP 1451 L150ZT PA	**1450**	Ø 100 x 230	1	1,50	50	2.010,00	990,00	1.300,00	**4.300,00**	169,00	385,00
MNX TOP 1452 L150ZT PA			2			2.010,00	1.770,00	2.600,00	**6.380,00**	338,00	470,00

MAXISOL
MXS

FUNCTION AND USE

Lifting station MAXISOL consists of a polyethylene tank with shaped bottom, with the function of collecting and bringing rainwater or wastewater to a higher level.
Inside there is a pumping system controlled by floats and electric panel. It can be equipped with pre-assembled valve chamber. The system is suitable for lifting medium size units with maximum delivery diameters DN 80.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of lifting station in polyethylene for underground use "MXS..." type Starplast for the lifting of sewage or dirty clear water, vertical cylindrical shape with constant thickness of the walls and structure stiffened by horizontal ribs which ensure the mechanic seal.
The tank bottom has a rectangular mouth on the top and bottom appropriately shaped in order to avoid stagnation and for pump/s housing.
At the base of the tanks there are 3 niches for the anchoring to concrete slab.
The tank is equipped at the top with stainless steel frame for the placing of no. 2 PE lids 770x550 mm with anti-odor gaskets and key blocking closure for maintenance operations.
Therefore, the station will be equipped with one or two pumps for sewage or clear water, operated by command electronic panel for direct start-up and float level switches; the system can also be equipped with acoustic and/or visual alarm, with PE pipe of maximum diameter DN 80. Pumps are completed with coupling feet fixed on appropriate base in PE with stainless steel guide pipes.
The tank can be equipped with pre-assembled Valve Chamber in polyethylene complete with stainless steel frame, PE lid 770x550 mm with anti-odor gaskets and key blocking closure for maintenance operations.
Inside the chamber there are no. 1/2 flanged cast iron check valves and no. 1/2 flat body cast iron gates complete with wheel.
Le ... x W ... x h ... total volume lt. .... L ... x L ... x h ... total volume lt. ....

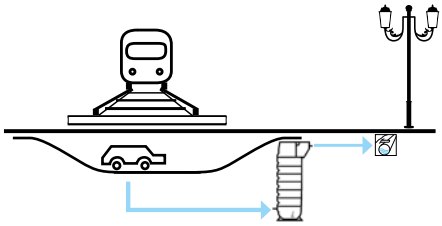
WHERE TO USE IT

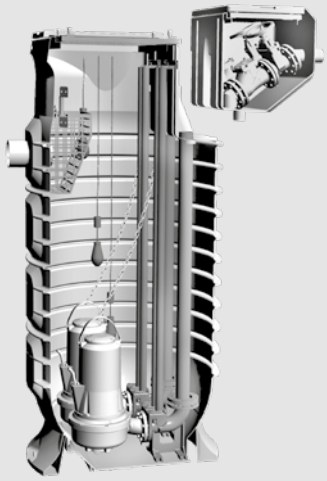
Lifting station Maxisol is generally used for lifting rainwater, dirty water and sewage contaning solids of modest size and bringing such waters to a suitable distance.

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm, wastewater containing coarse solids.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence** the "characteristic" of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME





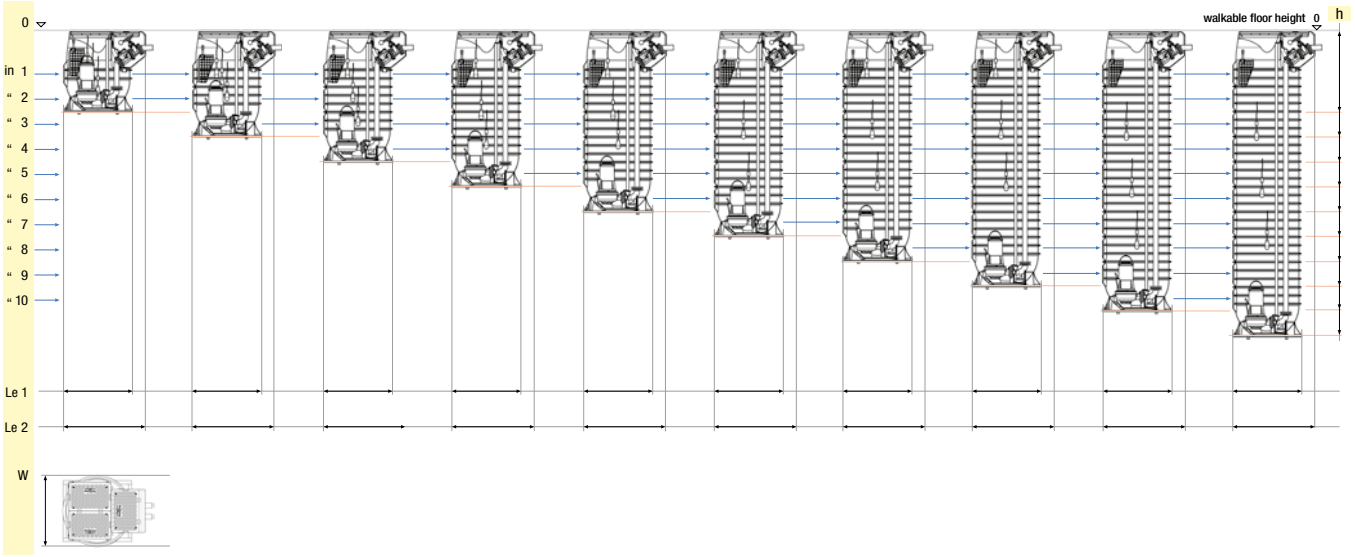
MAXISOL

list *data sheet*

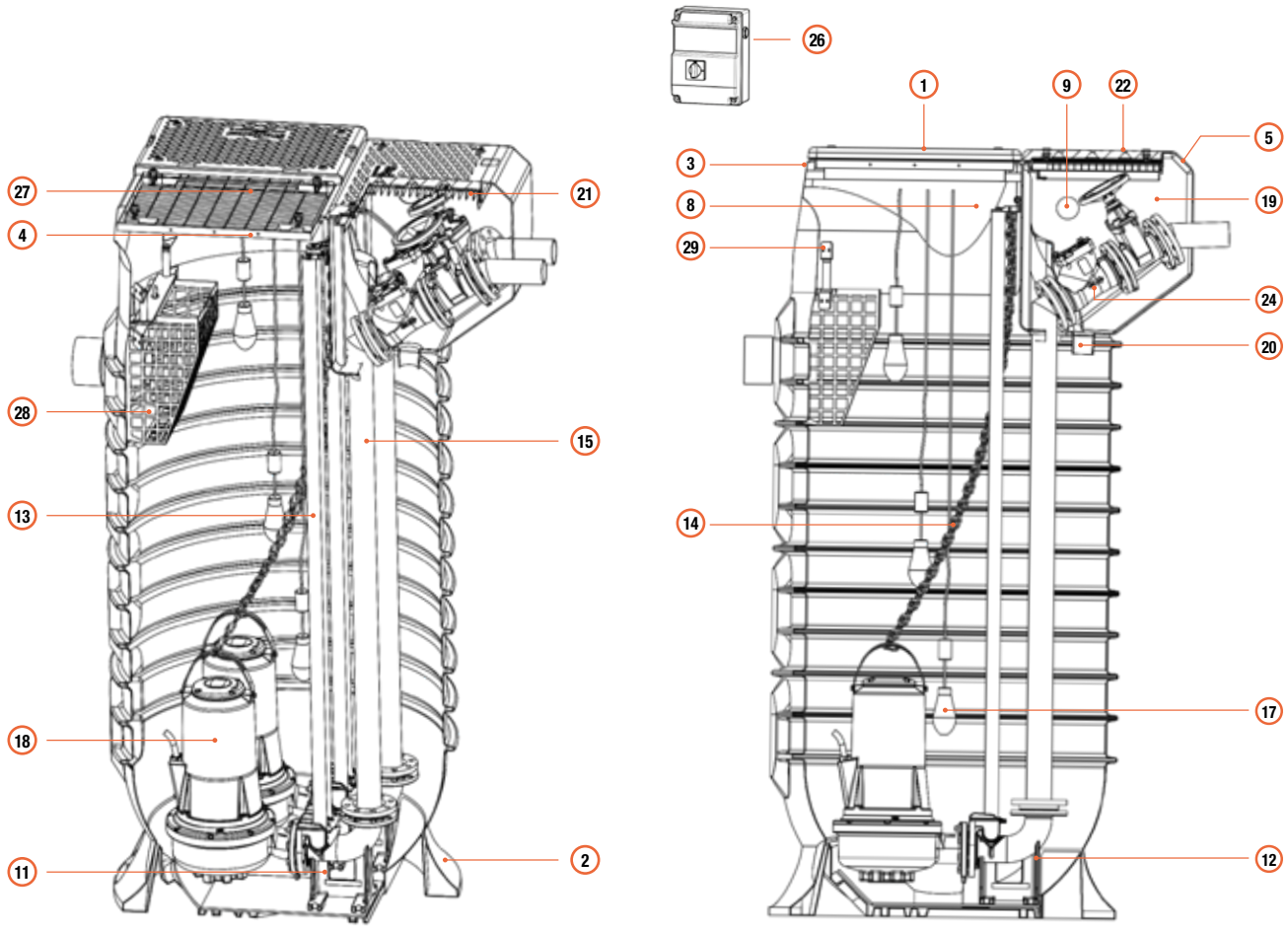
ICON

MXS 1200	MXS 1700	MXS 2200	MXS 2700	MXS 3150	MXS 3600	MXS 4050	MXS 4500	MXS 4950	MXS 5400
									

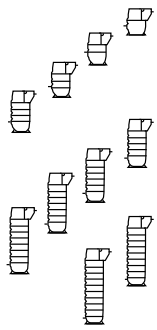
TECHNICAL DRAWING

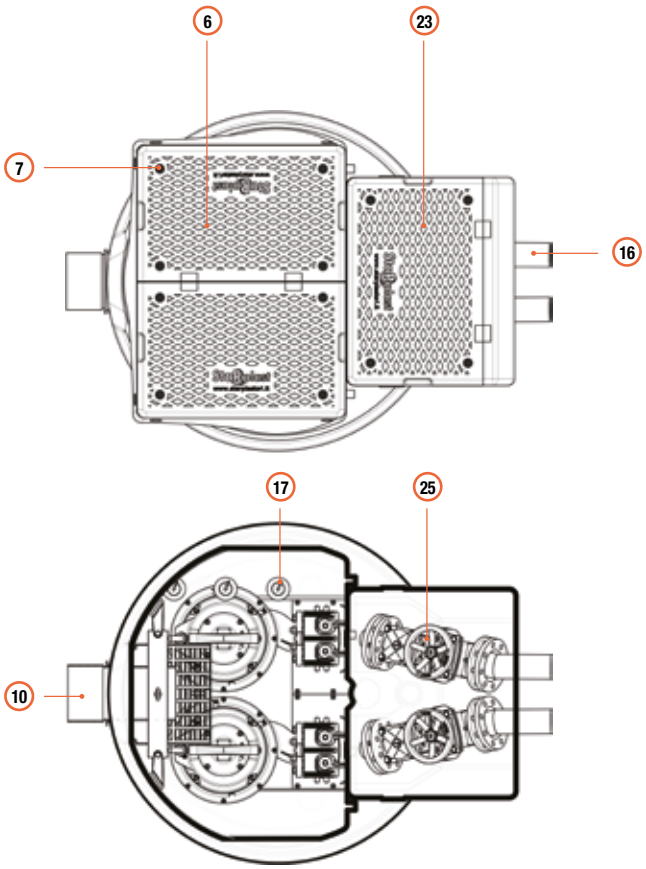


MXS ...



TECHNICAL CHART - LIST

icon	model	total volume	useful volume	Le1 x W x Le2 x h	inspections: tank	inspections: valve chamber
		lt	lt	cm	mm	
	**MXS 1200**	1.200	800	125 x 125 x 150 x 140	920 x 770	920 x 450
	MXS 1700	1.700	1.400	125 x 125 x 150 x 185		
	MXS 2200	2.200	1.900	125 x 125 x 150 x 230		
	MXS 2700	2.700	2.400	125 x 125 x 150 x 275		
	MXS 3150	3.150	2.900	125 x 125 x 150 x 320		
	MXS 3600	3.600	3.100	125 x 125 x 150 x 365		
	MXS 4050	4.050	3.600	125 x 125 x 150 x 410		
	MXS 4500	4.500	4.100	125 x 125 x 150 x 455		
	MXS 4950	4.950	4.600	125 x 125 x 150 x 500		
	MXS 5400	5.400	5.000	125 x 125 x 150 x 545		

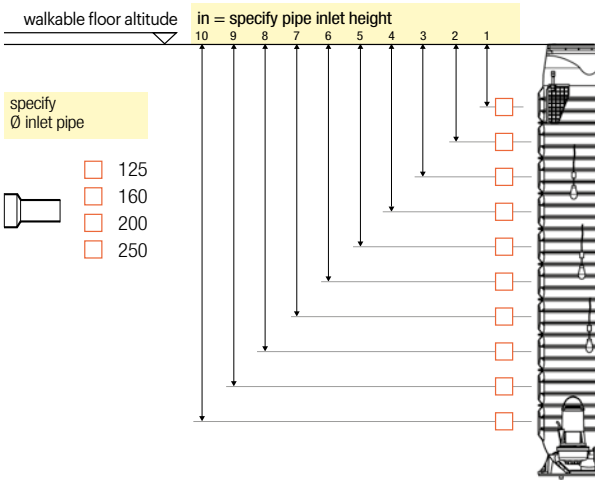


KEY

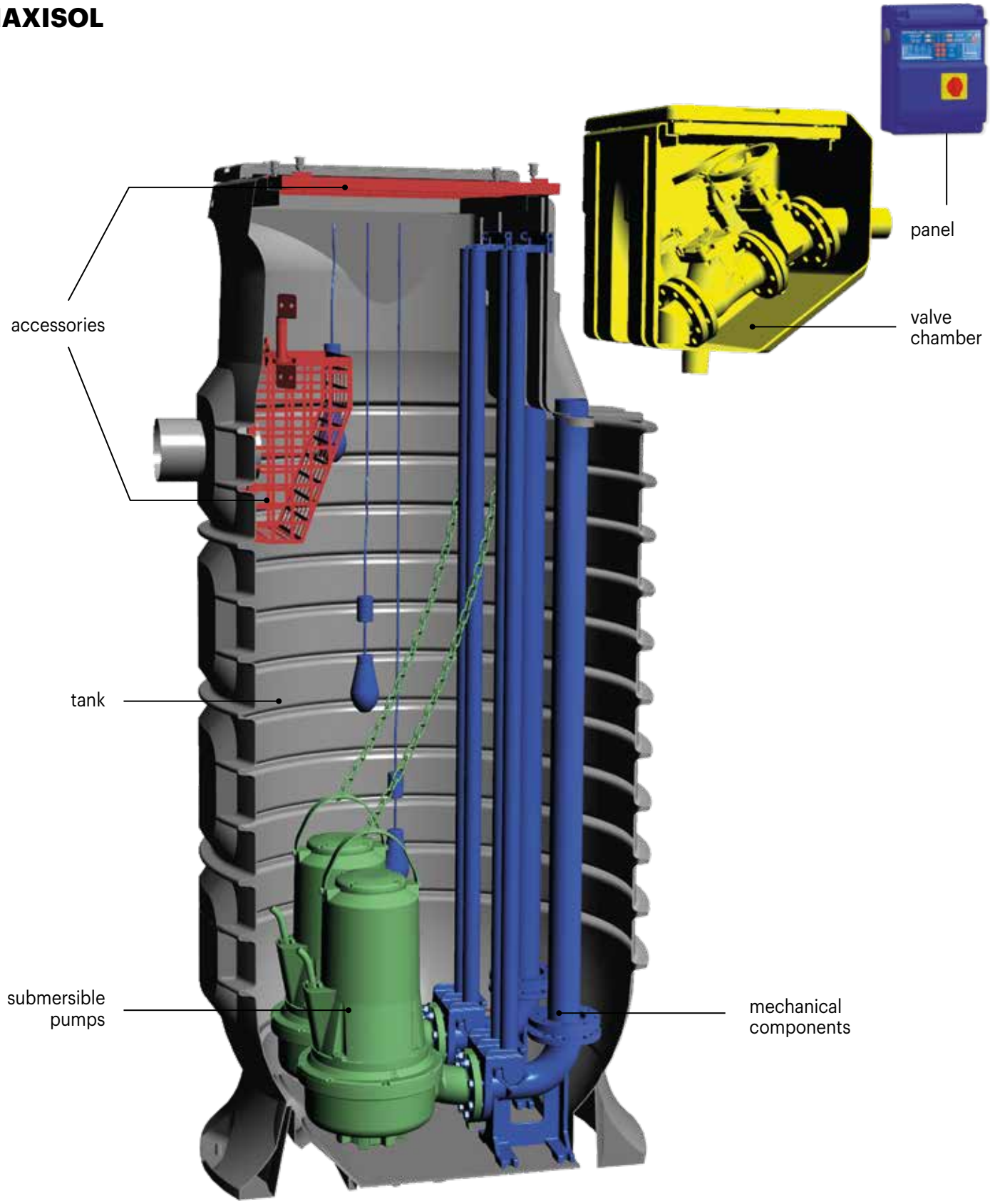
1. Tank
2. Anchoring slots to base plate
3. Lifting eyebolts
4. Tank inspection mouth stainless steel frame
5. Tank covers seal gasket
6. Tank inspection covers
7. Compression closure with key
8. Cable-gland
9. Vent
10. Sewage inlet pipe
11. Base in PE for coupling feet hooking
12. Quick coupling foot
13. Stainless steel pump guide pipes
14. Chain and snap hooks for pump lifting
15. Pump delivery pipes in PE
16. Pumped sewage outlet pipes
17. Float switches
18. Submersible pump
19. Valve chamber
20. Water discharge from Valve Chamber
21. Valve chamber inspection mouth stainless steel frame
22. Valve chamber covers seal gasket
23. Valve chamber inspection covers
24. Cast iron ball check valve
25. Flat body gate valve
26. Command and control electric panel
27. Anti-intruson grid in galvanized steel or stainless steel
28. Stainless steel screening basket
29. Stainless steel basket rails

pipe inlet			pumps housing		
Ø hole with gasket	h pipe center from walkable floor		quantity	delivery	pump attachment
mm	mm	n. riferim.	n.	DN	PA/PL
125	1.030	1	1/2	50 65 80	PA
	1.500	1-2	1/2		
	1.950	1...3	1/2		
	2.400	1...4	1/2		
160	2.850	1…5	1/2		
200	3.300	1…6	1/2		
250	3.750	1…7	1/2		
	4.200	1…8	1/2		
	4.650	1…9	1/2		
	5.100	1…10	1/2		

HEIGHT INLET AND PIPE DIAMETER SPECIFICATIONS



MAXISOL


panel
valve chamber
accessories
tank
submersible pumps
mechanical components

CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

model	pump delivery DN	TANK BODY **1** Tank **2** Anchoring slots to base plate **3** Lifting eyebolts **4** Tank inspection mouth stainless steel frame **5** Tank covers seal gasket **6** Tank inspection covers **7** Compression closure with key **8** Cable-gland **9** Sewage inlet vent **10** Sewage inlet pipe **11** Base in PE for coupling feet hooking	DELIVERY PIPES **12** Quick coupling foot **13** Stainless steel pump guide pipes **14** Chain and snap hooks for pump lifting **15** Pump delivery pipes in PE **16** Pumped sewage outlet pipes **17*** Float switches	PUMP **18** Submersible pump	VALVE CHAMBER **19** Valve chamber **20** Water discharge from Valve **21** Chamber **22** Valve chamber inspection mouth stainless steel frame **23** Valve chamber covers seal gasket **24** Valve chamber inspection covers **25** Cast iron ball check valve Flat body gate valve	PANEL **26** Electronic panel	ACCESSORIES **27** Anti-intrusion grid **28** Screening basket
		€					

			1pump	2pumps		1pump	2pumps		
MXS 1200	**50**	**3.350,00**	**865,00**	**1.550,00**	see pumps list at pag. 57	**1.650,00**	**2.290,00**	see panels list at pag.55	see accessories list at pag. 54
MXS 1700		**4.030,00**	**885,00**	**1.600,00**					
MXS 2200		**4.740,00**	**930,00**	**1.690,00**					
MXS 2700		**5.390,00**	**980,00**	**1.785,00**					
MXS 3150		**7.030,00**	**1.080,00**	**1.940,00**					
MXS 3600		**7.580,00**	**1.125,00**	**2.035,00**					
MXS 4050		**8.120,00**	**1.175,00**	**2.130,00**					
MXS 4500		**10.035,00**	**1.220,00**	**2.225,00**					
MXS 4950		**10.580,00**	**1.265,00**	**2.320,00**					
MXS 5400		**11.125,00**	**1.315,00**	**2.420,00**					
MXS 1200	**65**	**3.350,00**	**1.220,00**	**2.260,00**	see pumps list at pag. 57	**1.720,00**	**2.440,00**	see panels list at pag.55	see accessories list at pag. 54
MXS 1700		**4.030,00**	**1.255,00**	**2.340,00**					
MXS 2200		**4.740,00**	**1.335,00**	**2.490,00**					
MXS 2700		**5.390,00**	**1.410,00**	**2.645,00**					
MXS 3150		**7.030,00**	**1.520,00**	**2.830,00**					
MXS 3600		**7.580,00**	**1.600,00**	**2.985,00**					
MXS 4050		**8.120,00**	**1.675,00**	**3.140,00**					
MXS 4500		**10.035,00**	**1.755,00**	**3.290,00**					
MXS 4950		**10.580,00**	**1.835,00**	**3.450,00**					
MXS 5400		**11.125,00**	**1.910,00**	**3.605,00**					
MXS 1200	**80**	**3.350,00**	**1.530,00**	**2.880,00**	see pumps list at pag. 57	**1.995,00**	**2.985,00**	see panels list at pag.55	see accessories list at pag. 54
MXS 1700		**4.030,00**	**1.580,00**	**2.975,00**					
MXS 2200		**4.740,00**	**1.665,00**	**3.160,00**					
MXS 2700		**5.390,00**	**1.765,00**	**3.345,00**					
MXS 3150		**7.030,00**	**1.880,00**	**3.550,00**					
MXS 3600		**7.580,00**	**1.975,00**	**3.740,00**					
MXS 4050		**8.120,00**	**2.070,00**	**3.930,00**					
MXS 4500		**10.035,00**	**2.165,00**	**4.115,00**					
MXS 4950		**10.580,00**	**2.260,00**	**4.305,00**					
MXS 5400		**11.125,00**	**2.350,00**	**4.495,00**					

17 *eduction P.A.
(your eventual supply)

dimension	DN50	DN 65	DN 80
€/each	**230,00**	**510,00**	**720,00**

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics				
			pumps		
	vol.	Le2 x W x h		power	delivery
	lt	cm	n.	kW	DN
MXS TOP 1201 L110MT CVVS	**1.200**	150 x 125 x 140	1	1,10	50
MXS TOP 1202 L110MT CVVS			2		
MXS TOP 1201 L150ZM CVVS			1	1,50	50
MXS TOP 1202 L150ZM CVVS			2		
MXS TOP 1201 L180ZT CVVS			1	1,80	65
MXS TOP 1202 L180ZT CVVS			2		
MXS TOP 1701 L110BM CVVS	**1.700**	150 x 125 x 185	1	1,10	50
MXS TOP 1702 L110BM CVVS			2		
MXS TOP 1701 L180DT CVVS			1	1,80	65
MXS TOP 1702 L180DT CVVS			2		
MXS TOP 1701 T300MT CVVS			1	3,00	50
MXS TOP 1702 T300MT CVVS			2		
MXS TOP 2201 L120DM CVVS	**2.200**	150 x 125 x 230	1	1,20	50
MXS TOP 2202 L120DM CVVS			2		
MXS TOP 2201 L220MT CVVS			1	2,20	65
MXS TOP 2202 L220MT CVVS			2		
MXS TOP 2201 L400DT CVVS			1	4,00	80
MXS TOP 2202 L400DT CVVS			2		
MXS TOP 2701 T150MT CVVS	**2.700**	150 x 125 x 275	1	1,50	50
MXS TOP 2702 T150MT CVVS			2		
MXS TOP 2701 L300ZT CVVS			1	3,00	65
MXS TOP 2702 L300ZT CVVS			2		
MXS TOP 2701 L550MT CVVS			1	5,50	80
MXS TOP 2702 L550MT CVVS			2		
MXS TOP 3151 L150MT CVVS	**3.150**	150 x 125 x 320	1	1,50	50
MXS TOP 3152 L150MT CVVS			2		
MXS TOP 3151 L220DT CVVS			1	2,20	65
MXS TOP 3152 L220DT CVVS			2		
MXS TOP 3151 L550ZT CVVS			1	5,50	80
MXS TOP 3152 L550ZT CVVS			2		

TOP configuration set-up				TOP model	electric panel
tank	delivery pipes	pump	valve chamber		
1 ÷ 11	12 ÷ 17	18	19 ÷ 25		26
€				€	€
3.350,00	865,00	965,00	1.650,00	**6.830,00**	385,00
3.350,00	1.550,00	1.860,00	2.290,00	**9.050,00**	470,00
3.350,00	865,00	1.300,00	1.650,00	**7.165,00**	290,00
3.350,00	1.550,00	2.600,00	2.290,00	**9.790,00**	335,00
3.350,00	1.220,00	1.580,00	1.720,00	**7.870,00**	385,00
3.350,00	2.260,00	3.160,00	2.440,00	**11.210,00**	470,00
4.030,00	885,00	980,00	1.650,00	**7.545,00**	290,00
4.030,00	1.600,00	1.960,00	2.290,00	**9.880,00**	335,00
4.030,00	1.255,00	2.035,00	1.720,00	**9.040,00**	385,00
4.030,00	2.340,00	4.070,00	2.440,00	**12.880,00**	470,00
4.030,00	885,00	2.900,00	1.650,00	**9.465,00**	385,00
4.030,00	1.600,00	5.800,00	2.290,00	**13.720,00**	470,00
4.740,00	930,00	1.325,00	1.650,00	**8.645,00**	290,00
4.740,00	1.690,00	2.650,00	2.290,00	**11.370,00**	335,00
4.740,00	1.335,00	2.265,00	1.720,00	**10.060,00**	385,00
4.740,00	2.490,00	4.530,00	2.440,00	**14.200,00**	470,00
4.740,00	1.665,00	4.590,00	1.995,00	**12.990,00**	385,00
4.740,00	3.160,00	9.180,00	2.985,00	**20.065,00**	470,00
5.390,00	980,00	1.955,00	1.650,00	**9.975,00**	385,00
5.390,00	1.785,00	3.910,00	2.290,00	**13.375,00**	470,00
5.390,00	1.410,00	2.795,00	1.720,00	**11.315,00**	385,00
5.390,00	2.645,00	5.590,00	2.440,00	**16.065,00**	470,00
5.390,00	1.765,00	4.385,00	1.995,00	**13.535,00**	385,00
5.390,00	3.345,00	8.770,00	2.985,00	**20.490,00**	470,00
7.030,00	1.080,00	1.000,00	1.650,00	**10.760,00**	385,00
7.030,00	1.940,00	2.000,00	2.290,00	**13.260,00**	470,00
7.030,00	1.520,00	2.360,00	1.720,00	**12.630,00**	385,00
7.030,00	2.830,00	4.720,00	2.440,00	**17.020,00**	470,00
7.030,00	1.880,00	3.915,00	1.995,00	**14.820,00**	385,00
7.030,00	3.550,00	7.830,00	2.985,00	**21.395,00**	470,00

MAXISOL XL
MXL

FUNCTION AND USE

Lifting station MAXISOL XL consists of a polyethylene tank with shaped bottom, with the function of collecting and bringing rainwater or wastewater to a higher level.
Inside there is a pumping system with pumps installed on quick coupling system, controlled by floats and electric panel. It can be equipped with pre-assembled valve chamber with single delivery collector including valved pipeline for pressing duct emptying. The system is suitable for lifting medium and big size units with maximum delivery diameters DN 150.

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of lifting station in polyethylene for underground use "MXL..." type Starplast for the lifting of sewage or dirty clear water, vertical cylindrical shape with constant thickness of the walls and structure stiffened by horizontal ribs which ensure the mechanic seal.
The tank bottom has a rectangular mouth on the top and bottom appropriately shaped in order to avoid stagnation and for pump/s housing.
At the base of the tanks there is a carbon steel frame for the anchoring to concrete slab.
The tank is equipped at the top with stainless steel frame for the placing of no. 4 PE lids 770x550 mm with anti-odor gaskets and key blocking closure for maintenance operations.
Therefore, the station will be equipped with one or two pumps for sewage or clear water, operated by command electronic panel for direct start-up and float level switches; the system can also be equipped with acoustic and/or visual alarm, with PE pipe of maximum diameter DN 150. Pumps are completed with coupling feet fixed on appropriate stainless steel base with stainless steel guide pipes.
The tank can be equipped with pre-assembled Valve Chamber in polyethylene complete with stainless steel frame, PE lid 780x500 mm with anti-odor gaskets and key blocking closure for maintenance operations.
Inside the chamber there are no. 2 flanged cast iron check valves and no. 2 flat body cast iron gates complete with wheel, single delivery collector and pressing duct emptying pipe with return in tank.
The lifting tank mod. MXL .. .. will have the following dimensions
Le ... x W ... x h ... total volume lt. ....

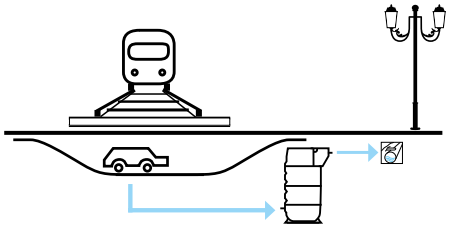
WHERE TO USE IT

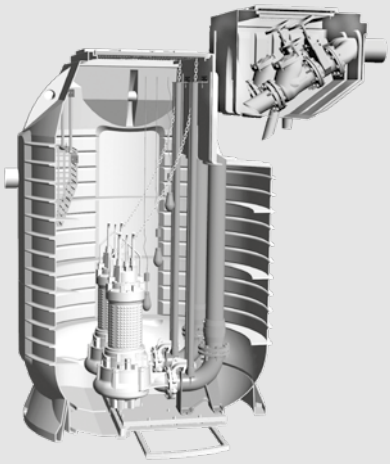
Lifting station Maxisol XL is generally used for lifting rainwater, dirty water and sewage containing solids and bringing such waters to a suitable distance.

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** dirty water containing solids until 5 mm, wastewater containing coarse solids.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence** the "characteristic" of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

INSTALLATION SCHEME

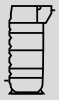




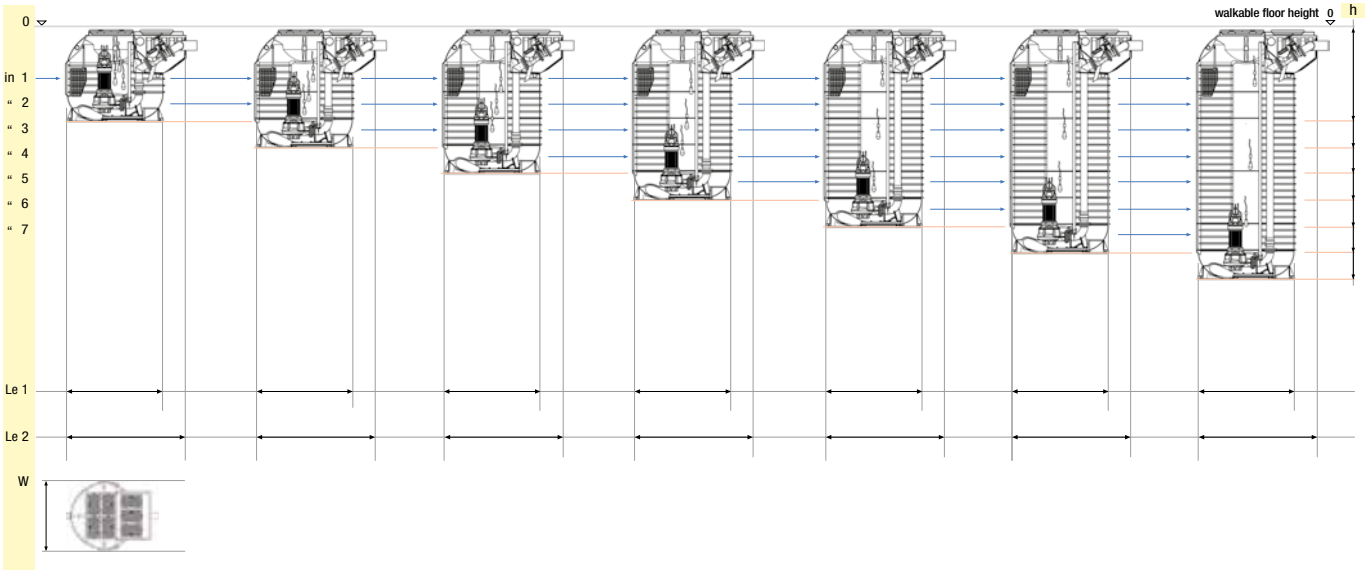
MAXISOL XL

list *data sheet*

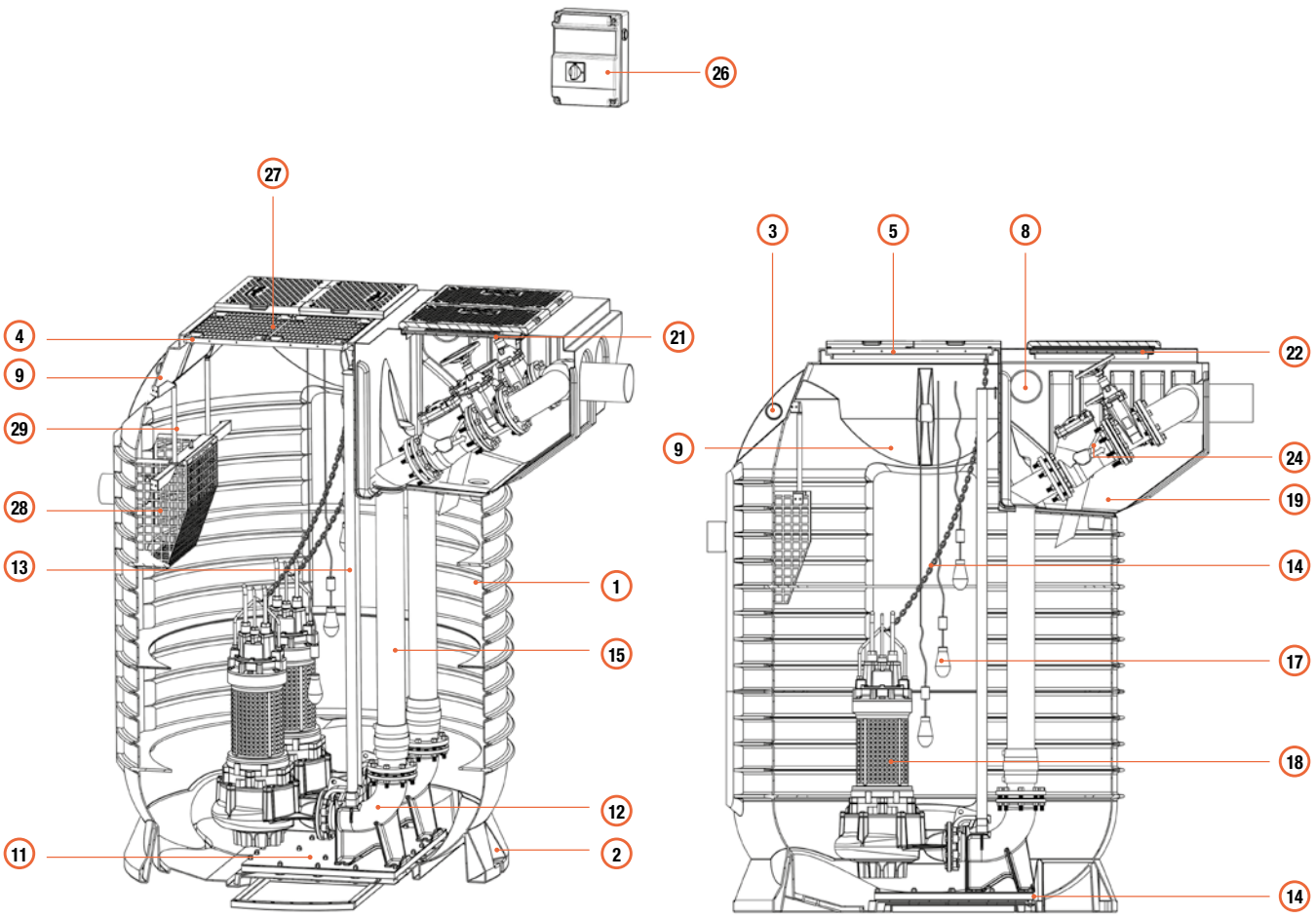
ICON

MXL 5800	MXL 8000	MXL 10200	MXL 12400	MXL 14600	MXL 16800	MXL 19000
						

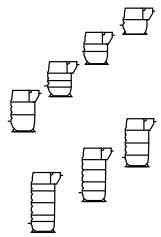
TECHNICAL DRAWING

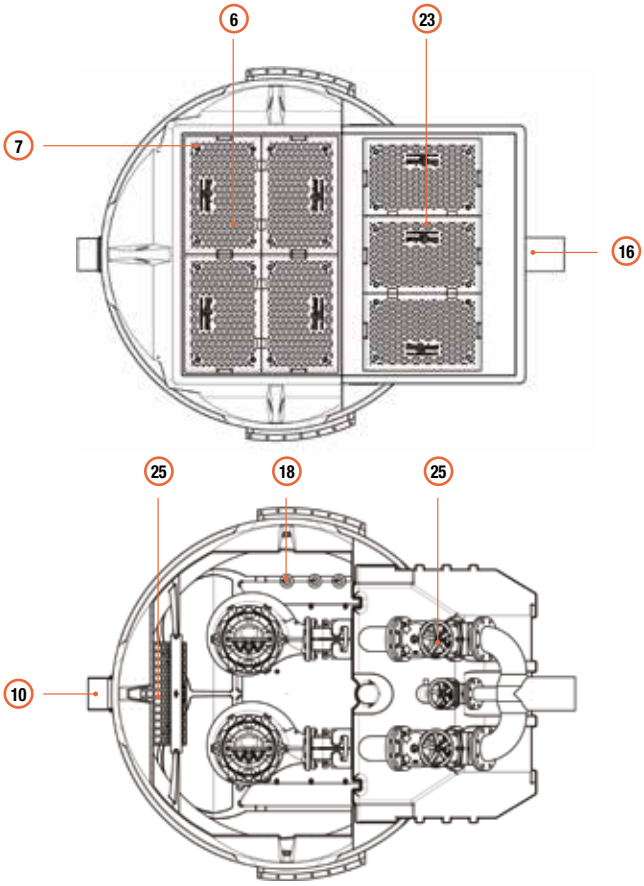


MXL ...



TECHNICAL CHART - LIST

icon	model	volume	useful volume	Le1 x W x Le2 x h	inspections	
					tank	valve chamber
		lt	lt	cm	mm	
	**MXL 5800**	5.750	3.800	228 x 228 x 278 x 207	940 x 1.440	700 x 1.440
	MXL 8000	8.000	6.500	228 x 228 x 278 x 267		
	MXL 10200	10.500	9.500	228 x 228 x 278 x 327		
	MXL 12400	12.500	10.800	228 x 228 x 278 x 387		
	MXL 14600	14.800	13.500	228 x 228 x 278 x 447		
	MXL 16800	17.000	15.500	228 x 228 x 278 x 507		
	MXL 19000	19.100	17.800	228 x 228 x 278 x 567		

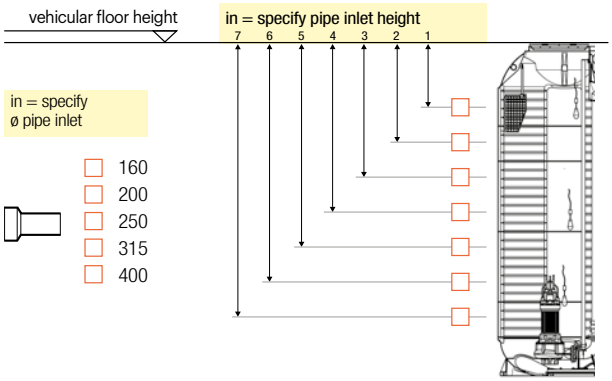


KEY

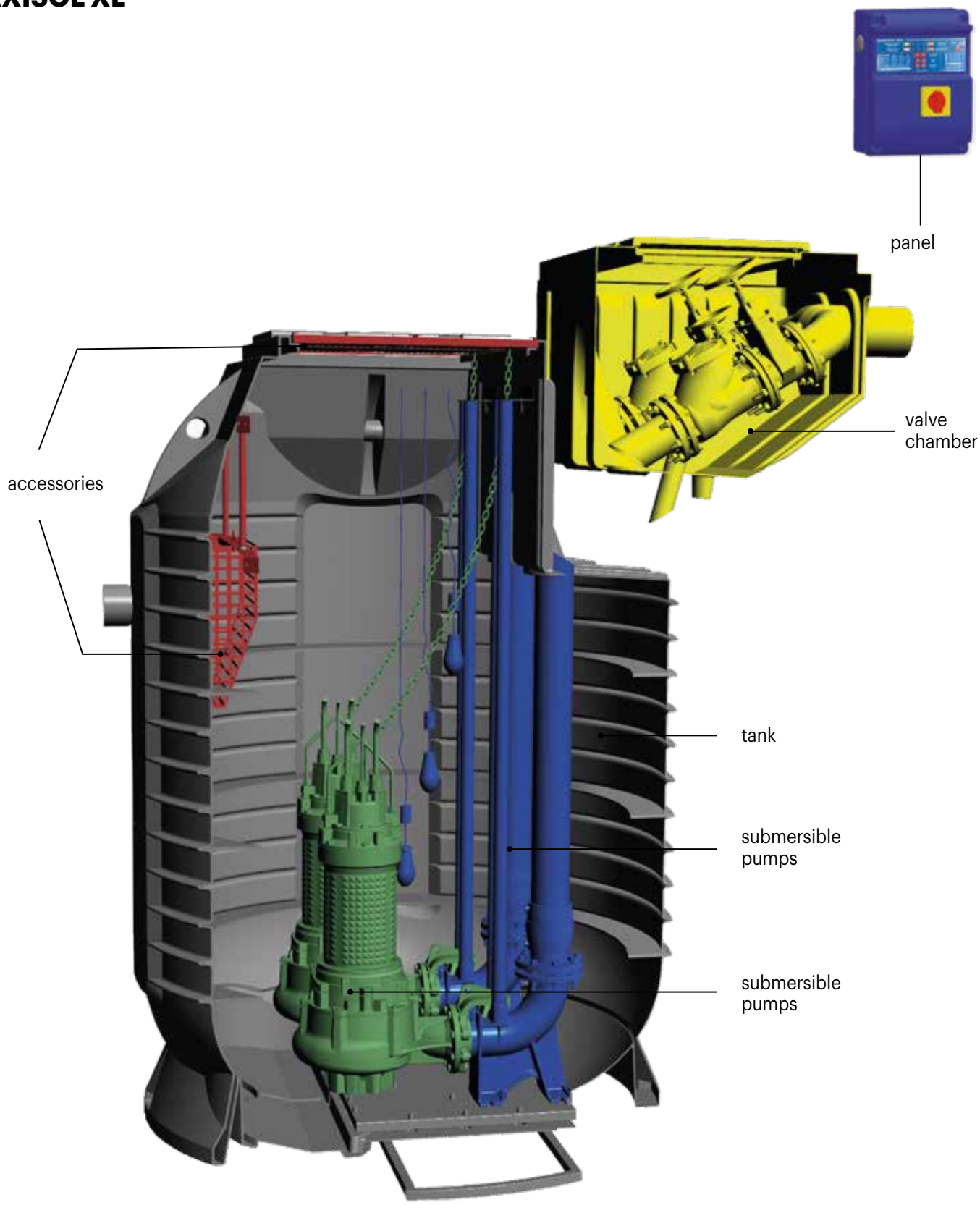
1. Tank
2. Anchoring slots to base plate
3. Lifting eyebolts
4. Tank inspection mouth stainless steel frame
5. Tank covers seal gasket
6. Tank inspection covers
7. Compression closure with key
8. Cable-gland
9. Vent
10. Sewage inlet pipe
11. Base in stainless steel for coupling feet hooking
12. Quick coupling foot
13. Stainless steel pump guide pipes
14. Chain and snap hooks for pump lifting
15. Pump delivery pipes
16. Pumped sewage outlet pipes
17. Float switches
18. Submersible pump
19. Valve chamber
20. Discharge of the pressure pipe on the main tank
21. Valve chamber inspection mouth stainless steel frame
22. Valve chamber covers seal gasket
23. Valve chamber inspection covers
24. Cast iron ball check valve
25. Flat body gate valve
26. Command and control electric panel
27. Anti-intruson grid in galvanized steel or stainless steel
28. Stainless steel screening basket
29. Stainless steel basket rails

HEIGHT INLET AND PIPE DIAMETER SPECIFICATIONS

pipe inlet			pumps housing		
Ø pipe	h pipe center from walkable floor		quantity	delivery	pump attachment
mm	mm	n. riferim.	n.	DN	PA/PL
160-200 250-315-400	1.030	1	1/2/3	65 80 100 150	PA
	1.500	1-2	1/2/3		
	1.950	1...3	1/2/3		
	2.400	1...4	1/2/3		
	2.850	1…5	1/2/3		
	3.300	1…6	1/2/3		
	3.750	1…7	1/2/3		



MAXISOL XL


panel
valve chamber
accessories
tank
submersible pumps
submersible pumps

CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

		TANK BODY	DELIVERY PIPES			PUMPS	VALVE CHAMBER			PANEL	ACCESSORIES
model	mandata pompa DN	**1** Tank **2** Anchoring slots to base plate **3** Lifting eyebolts **4** Tank inspection mouth stainless steel frame **5** Tank covers seal gasket **6** Tank inspection covers **7** Compression closure with key **8** Cable-gland **9** Sewage inlet vent **10** Sewage inlet pipe **11** Base in stainless steel for coupling feet hooking	**12*** Quick coupling foot **13** Stainless steel pump guide pipes **14** Chain and snap hooks for pump lifting **15** Pump delivery pipes in PE **16** Pumped sewage outlet pipes **17** Float switches			**18** Submersible pump	**19** Valve chamber **20** Water discharge from valve chamber **21** Valve chamber inspection mouth stainless steel frame **22** Valve chamber covers seal gasket **23** Valve chamber inspection covers **24** Cast iron ball check valve **25** Flat body gate valve			**26** Electric panel	**27** Anti-intrusion grid **28** Screening basket
		€									
			1 pumps	**2** pumps	**3** pumps		**1** pumps	**2** pumps	**3** pumps		
MXL 5800	**65**	**14.460,00**	**1.520,00**	**2.830,00**	**3.005,00**	see pumps list to pag. 57	**4.925,00**	**6.520,00**	**7.810,00**	see panels list to pag. 55	see accessories list to pag. 54
MXL 8000		**17.345,00**	**1.655,00**	**3.135,00**	**3.410,00**						
MXL 10200		**20.330,00**	**1.890,00**	**3.565,00**	**4.025,00**						
MXL 12400		**21.915,00**	**2.050,00**	**3.890,00**	**4.525,00**						
MXL 14600		**24.945,00**	**2.230,00**	**4.240,00**	**5.055,00**						
MXL 16800		**26.530,00**	**2.400,00**	**4.585,00**	**5.570,00**						
MXL 19000		**29.525,00**	**2.545,00**	**4.875,00**	**6.005,00**						
MXL 5800	**80**	**14.460,00**	**1.775,00**	**3.320,00**	**3.380,00**	see pumps list to pag. 57	**5.145,00**	**7.040,00**	**8.495,00**	see panels list to pag. 55	see accessories list to pag. 54
MXL 8000		**17.345,00**	**1.910,00**	**3.625,00**	**3.790,00**						
MXL 10200		**20.330,00**	**2.105,00**	**3.990,00**	**4.315,00**						
MXL 12400		**21.915,00**	**2.275,00**	**4.330,00**	**4.840,00**						
MXL 14600		**24.945,00**	**2.440,00**	**4.670,00**	**5.345,00**						
MXL 16800		**26.530,00**	**2.620,00**	**5.030,00**	**5.885,00**						
MXL 19000		**29.525,00**	**2.765,00**	**5.320,00**	**6.315,00**						
MXL 5800	**100**	**14.460,00**	**1.865,00**	**3.560,00**	**-**	see pumps list to pag. 57	**5.555,00**	**7.960,00**	**-**	see panels list to pag. 55	see accessories list to pag. 54
MXL 8000		**17.345,00**	**1.940,00**	**3.925,00**	**-**						
MXL 10200		**20.330,00**	**2.115,00**	**4.305,00**	**-**						
MXL 12400		**21.915,00**	**2.195,00**	**4.535,00**	**-**						
MXL 14600		**24.945,00**	**2.305,00**	**4.840,00**	**-**						
MXL 16800		**26.530,00**	**2.390,00**	**5.140,00**	**-**						
MXL 19000		**29.525,00**	**2.465,00**	**5.435,00**	**-**						
MXL 5800	**150**	**14.460,00**	**3.655,00**	**6.725,00**	**-**	see pumps list to pag. 57	**7.025,00**	**10.925,00**	**-**	see panels list to pag. 55	see accessories list to pag. 54
MXL 8000		**17.345,00**	**3.805,00**	**7.165,00**	**-**						
MXL 10200		**20.330,00**	**4.055,00**	**7.635,00**	**-**						
MXL 12400		**21.915,00**	**4.220,00**	**7.960,00**	**-**						
MXL 14600		**24.945,00**	**4.415,00**	**8.360,00**	**-**						
MXL 16800		**26.530,00**	**4.615,00**	**8.755,00**	**-**						
MXL 19000		**29.525,00**	**4.800,00**	**9.120,00**	**-**						

12 *P.A. deduction
(eventual your supply)

dimension	DN 65	DN 80	DN 100	DN150
€/each	**510,00**	**720,00**	**970,00**	**2.275,00**

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics				
			pumps		
	vol.	Le2 x W x h		power	delivery
	lt	cm	n.	kW	DN
MXL TOP 5801 L220ZT CVVS	**5.800**	278 x 228 x 207	1	2,20	65
MXL TOP 5802 L220ZT CVVS			2		
MXL TOP 5803 L220ZT CVVS			3		
MXL TOP 5801 L400DT CVVS			1	4,00	80
MXL TOP 5802 L400DT CVVS			2		
MXL TOP 5803 L400DT CVVS			3		
MXL TOP 8001 L180DT CVVS	**8.000**	278 x 228 x 267	1	1,80	65
MXL TOP 8002 L180DT CVVS			2		
MXL TOP 8003 L180DT CVVS			3		
MXL TOP 8001 L400MT CVVS			1	4,00	80
MXL TOP 8002 L400MT CVVS			2		
MXL TOP 8003 L400MT CVVS			3		
MXL TOP 10201 L600DT CVVS	**10.200**	278 x 228 x 327	1	6,00	80
MXL TOP 10202 L600DT CVVS			2		
MXL TOP 10201 L300ZT CVVS			1	3,00	100
MXL TOP 10202 L300ZT CVVS			2		
MXL TOP 10201 L750ZT CVVS			1	7,50	150
MXL TOP 10202 L750ZT CVVS			2		
MXL TOP 12401 L550MT CVVS	**12.400**	278 x 228 x 387	1	5,50	80
MXL TOP 12402 L550MT CVVS			2		
MXL TOP 12401 L400ZT CVVS			1	4,00	100
MXL TOP 12402 L400ZT CVVS			2		
MXL TOP 12401 L552ZT CVVS			1	5,50	150
MXL TOP 12402 L552ZT CVVS			2		
MXL TOP 14601 L550ZT CVVS	**14.600**	278 x 228 x 447	1	5,50	80
MXL TOP 14602 L550ZT CVVS			2		
MXL TOP 14601 L551ZT CVVS			1	5,50	100
MXL TOP 14602 L551ZT CVVS			2		
MXL TOP 14601 L900ZT CVVS			1	9,00	150
MXL TOP 14602 L900ZT CVVS			2		

TOP configuration set-up				TOP model	electric panel
tank	delivery pipes	pump	valve chamber		
1 ÷ 11	12 ÷ 17	18	19 ÷ 25		26
€				€	€
14.460,00	1.520,00	2.445,00	4.925,00	**23.350,00**	385,00
14.460,00	2.830,00	4.890,00	6.520,00	**28.700,00**	470,00
14.460,00	3.005,00	7.335,00	7.810,00	**32.610,00**	1.000,00
14.460,00	1.775,00	4.590,00	5.145,00	**25.970,00**	385,00
14.460,00	3.320,00	9.180,00	7.040,00	**34.000,00**	470,00
14.460,00	3.380,00	13.770,00	8.495,00	**40.105,00**	1.000,00
17.345,00	1.655,00	2.035,00	4.925,00	**25.960,00**	385,00
17.345,00	3.135,00	4.070,00	6.520,00	**31.070,00**	470,00
17.345,00	3.410,00	6.105,00	7.810,00	**34.670,00**	1.000,00
17.345,00	1.910,00	3.115,00	5.145,00	**27.515,00**	385,00
17.345,00	3.625,00	6.230,00	7.040,00	**34.240,00**	470,00
17.345,00	3.790,00	9.345,00	8.495,00	**38.975,00**	1.000,00
20.330,00	2.105,00	4.965,00	5.145,00	**32.545,00**	385,00
20.330,00	3.990,00	9.930,00	7.040,00	**41.290,00**	470,00
20.330,00	2.115,00	2.795,00	5.555,00	**30.795,00**	385,00
20.330,00	4.305,00	5.590,00	7.960,00	**38.185,00**	470,00
20.330,00	4.055,00	8.395,00	7.025,00	**39.805,00**	385,00
20.330,00	7.635,00	16.790,00	10.925,00	**55.680,00**	470,00
21.915,00	2.275,00	4.385,00	5.145,00	**33.720,00**	385,00
21.915,00	4.330,00	8.770,00	7.040,00	**42.055,00**	470,00
21.915,00	2.195,00	4.880,00	5.555,00	**34.545,00**	385,00
21.915,00	4.535,00	9.760,00	7.960,00	**44.170,00**	470,00
21.915,00	4.220,00	7.790,00	7.025,00	**40.950,00**	385,00
21.915,00	7.960,00	15.580,00	10.925,00	**56.380,00**	470,00
24.945,00	2.440,00	3.915,00	5.145,00	**36.445,00**	385,00
24.945,00	4.670,00	7.830,00	7.040,00	**44.485,00**	470,00
24.945,00	2.305,00	6.445,00	5.555,00	**39.250,00**	385,00
24.945,00	4.840,00	12.890,00	7.960,00	**50.635,00**	470,00
24.945,00	4.415,00	10.020,00	7.025,00	**46.405,00**	455,00
24.945,00	8.360,00	20.040,00	10.925,00	**64.270,00**	755,00

CORRUGATE
SOL CC

FUNCTION AND USE

Lifting station CORRUGATED consists of a monoblock polyethylene tank, with the function of collecting and bringing rainwater or wastewater to a higher level.
Inside there is a pumping system controlled by floats and electric panel. It can be equipped with a quick coupling system or with free pump. The system is suitable for lifting small and medium size units with maximum delivery diameters 2" (or DN 50).

STANDARDS AND CERTIFICATIONS

UNI EN 12050

SPECIFICATION ITEMS

Supply of lifting station in polyethylene for underground use "BXS..." type Starplast for the lifting of sewage or dirty clear water, horizontal cylindrical shape monolithic or modular (full bore electro-welded) with constant thickness of the walls and structure stiffened by horizontal and vertical ribs which ensure the mechanic seal.
The tank bottom is equipped with appropriate plate both for the housing of free pump and the installation of quick coupling feet.
The tank is equipped at the top with one or more extension and inspection turrets of the pumps group with anti-intrusion grid.
Therefore, the station can be equipped with closed impeller pump/s for clear water, for sewage type Vortex or grinder, with delivery mouth and maximum diameter DN 150.
Pumps are operated by command electronic panel for direct start-up and float level switches; the system can also be equipped with acoustic and/or visual alarm.
The tank can be equipped with pre-assembled valve chamber in PE equipped with gates and flanged check valves with relative connection pipes.
The lifting tank mod. BXS .. .. will have the following dimensions
Le ... x W ... x h ... total volume lt. ....

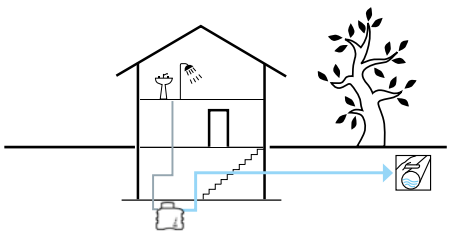
WHERE TO USE IT

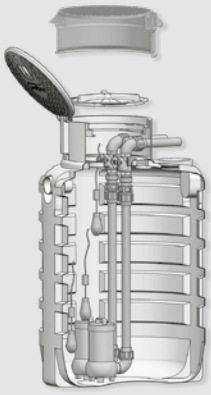
Lifting station is generally used downstream of discharges for lifting rainwater, dirty water and sewage contaning solids of modest dimensions and bringing such waters to a suitable distance.

CALCULATION PARAMETERS

Parametrization of the calculation system takes into account
• **Typology of wastewater** white water, dirty water containing solids until 5 mm, wastewater containing coarse solids.
The pump is chosen according to the typology of wastewater.
• **Flow rate to be disposed** the volume of the accumulation tank is defined according to the entering flow rate, so as the pumping can operate in optimum conditions.
• **Prevalence** the "characteristic" of the pump (which determines its power and voltage) is identified according to the lifting height, the distance to cover and the roughness of the pipeline.

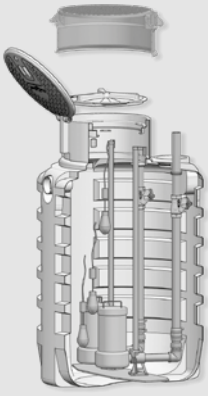
INSTALLATION SCHEME





SOL CC
WITH FREE PUMP

list *data sheet*



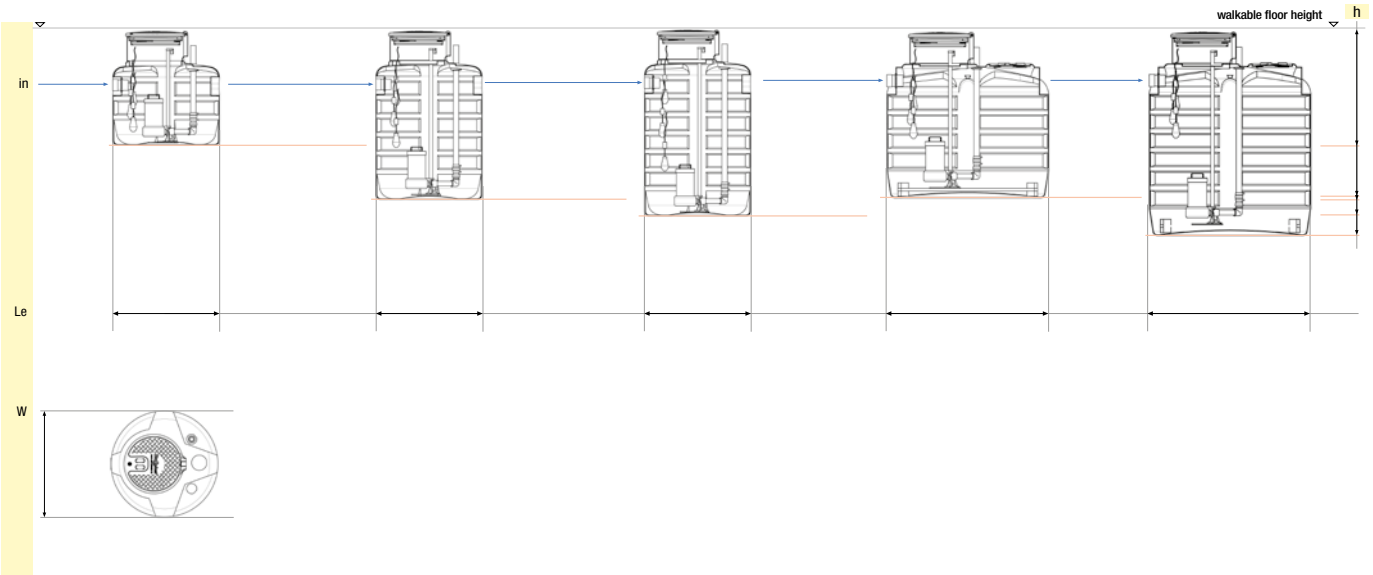
SOL CC
WITH PUMP AND
COUPLING FOOT

list *data sheet*

ICON

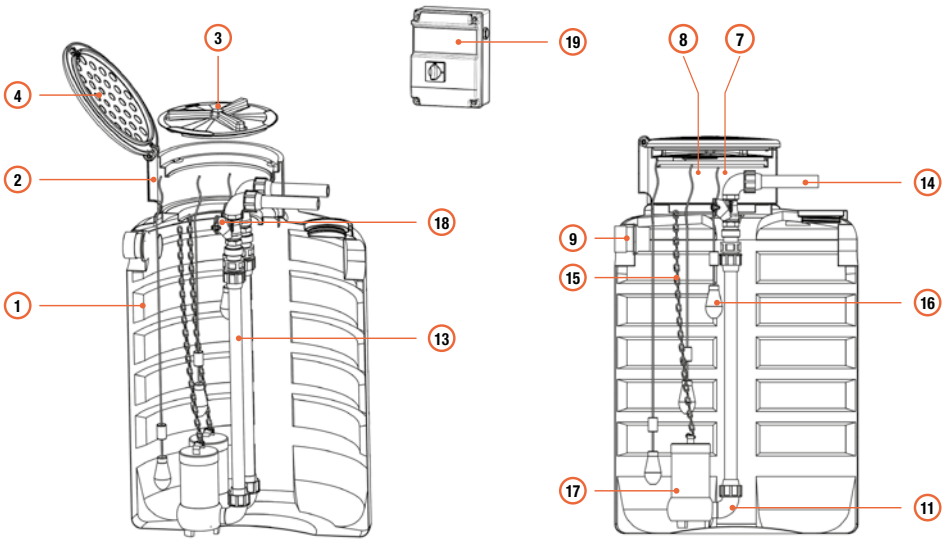
SOL CC 1000	SOL CC 1600	SOL CC 2000	SOL CC 3000	SOL CC 3500
				

TECHNICAL DRAWING

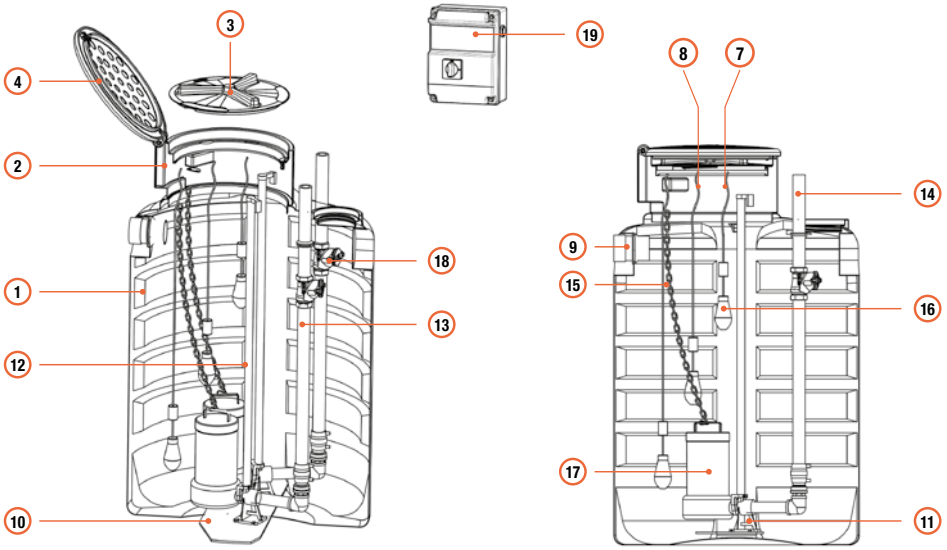


SOL CC ...

LIFTING STATIONS
WITH FREE PUMP

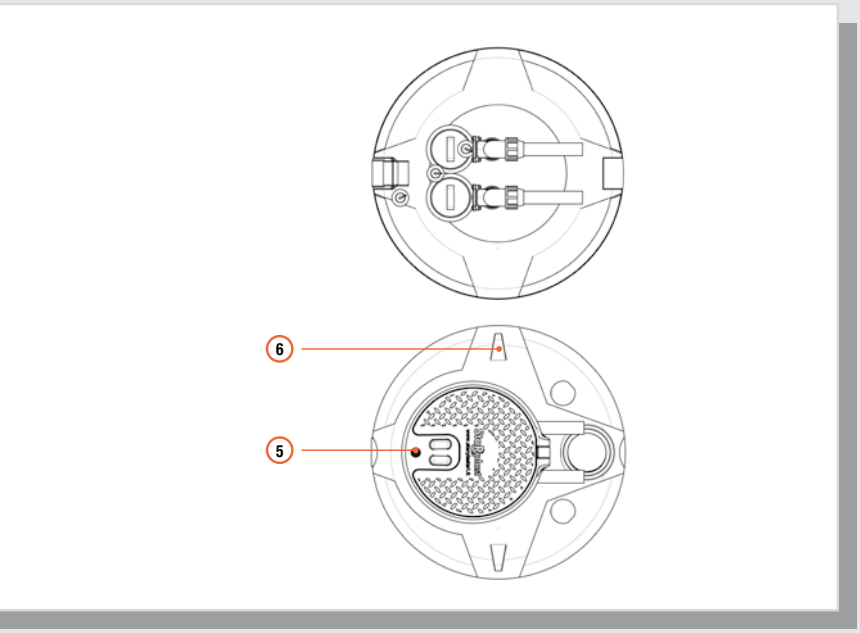


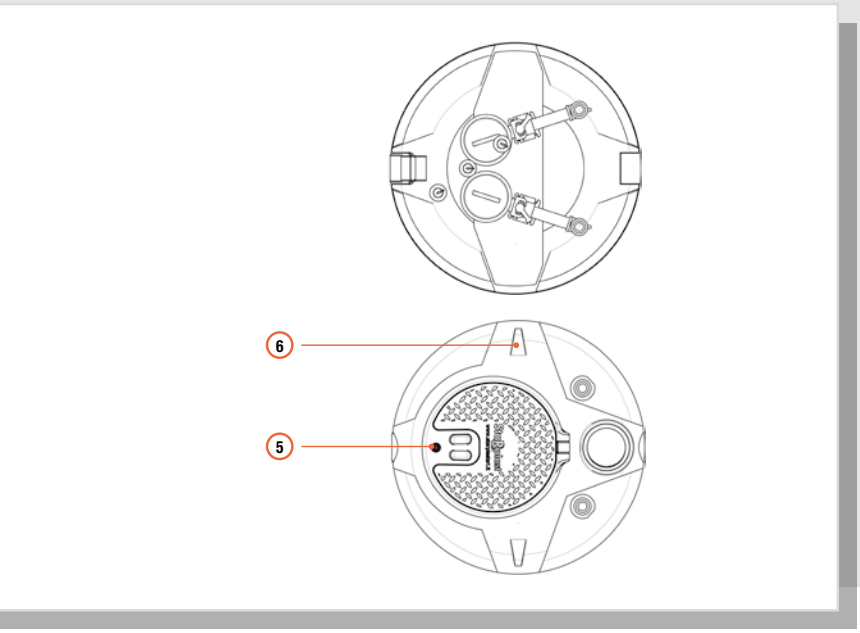
LIFTING STATIONS
WITH PUMP AND
COUPLING FOOT



TECHNICAL CHART - LIST

icon	model	volume totale lt	useful volume lt	Le x W x h cm	inspections tank mm
	SOL CC 1000	**1.050**	840	130 x 130 x 136	
	SOL CC 1600	**1.900**	1.680	130 x 130 x 211	
	SOL CC 2000	**2.150**	1.920	130 x 130 x 233	Ø 600
	SOL CC 3000	**3.300**	3.020	165 x 165 x 210	
	SOL CC 3500	**3.700**	3.500	165 x 165 x 232	



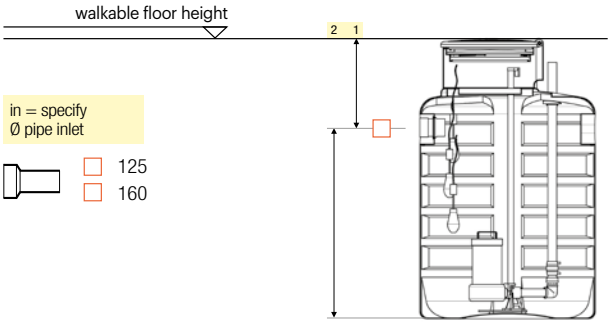


KEY

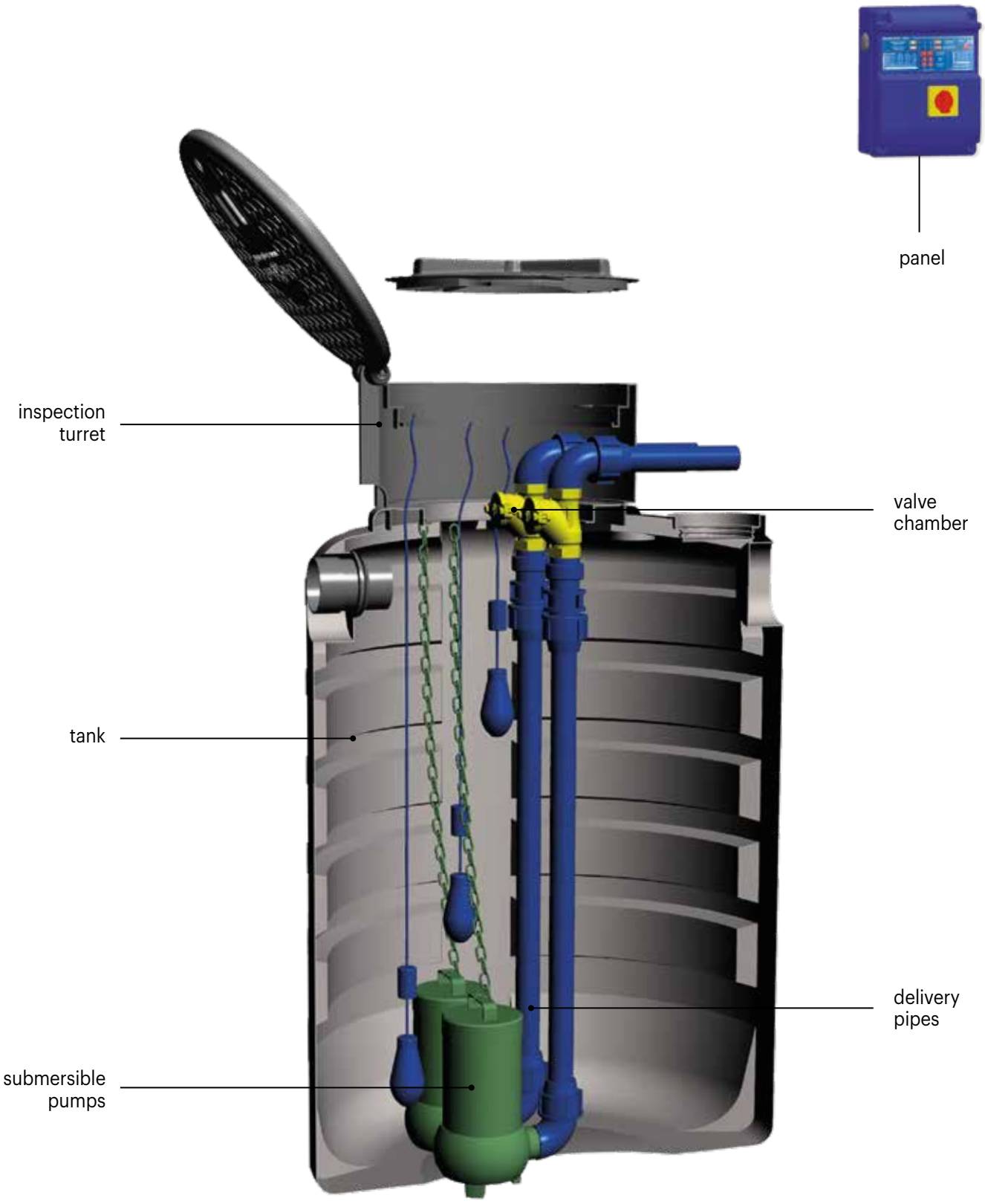
1. Tank
2. Inspection turret ø 600
3. Bayonet cover ø 600
4. Flip cover
5. Key closure
6. Tank lifting eyebolt
7. Vent
8. Cable gland
9. Sewage inlet pipe
10. Base in PE for coupling feet fixing
11. Quick coupling foot
12. Pump guide pipes
13. Pump delivery pipes
14. Pumped sewage outlet pipes
15. Chain and snap hooks for pump lifting
16. Float switches
17. Submersible pump
18. Cast iron ball check valve
19. Electric panel

pipe inlet			pumps housing		
PVC pipe with gasket	h from pipe center to floor (1)	h pipe center from tank's bottom (2)	quantity	delivery	walkable floor height
mm	mm	mm	n.	DN / "	PA/PL
Ø 125 Ø 160	580	780	1 ÷ 2	1"1/4	PA/PL
	580	1530	1 ÷ 2	1"1/2	
	580	1750	1 ÷ 2	2"	
	580	1580	1 ÷ 2	DN 50	
	580	1800	1 ÷ 2		

HEIGHT INLET AND PIPE DIAMETER SPECIFICATIONS



LIFTING STATION WITH FREE PUMP



CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

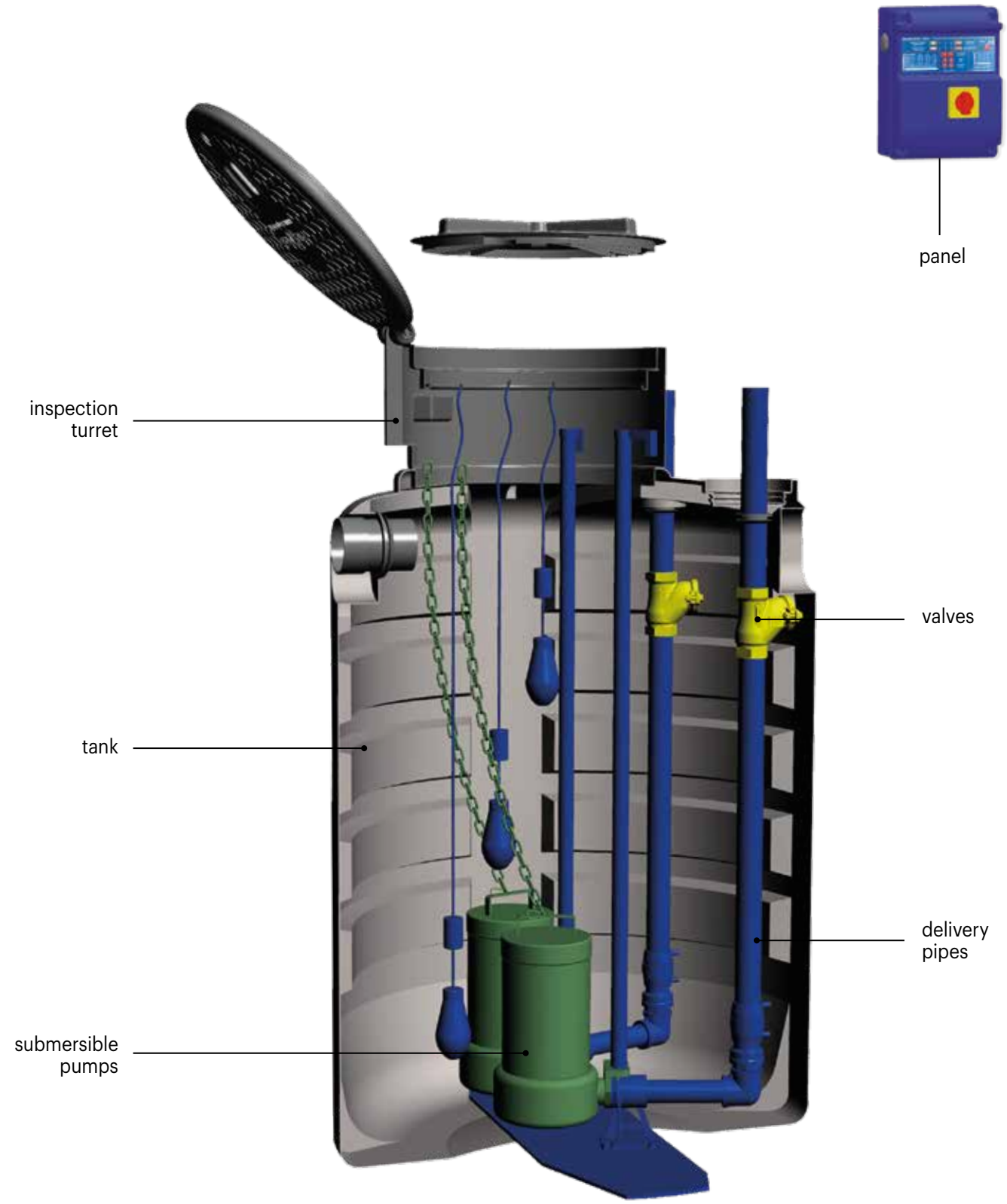
		TANK BODY	DELIVERY PIPES	PUMPS	VALVE CHAMBER	PANEL
model	pump delivery	**1** Tank **2** Bayonet lid ø 600 **3** Bayonet cover ø 600 **4** Flip cover **5** Key closure **6** Tank lifting eyebolt **7** Vent **8** Cable gland **9** Sewage outlet pipe	**13** Pump delivery pipes **14** Pumped sewage outlet pipe **15** Chain and snap hooks for pump lifting **16** Float switches	**17** Submersible pump	**18** Check valve (inside tank)	**19** Electric panel
		€				

			1 pump	2 pumps		1 pump	2 pumps	
SOL CC 1000…PL	**1"1/4**	**1.610,00**	**110,00**	**520,00**	see pumps list at pag. 57	**143,00**	**286,00**	see panels list at pag. 55
SOL CC 1600…PL		**2.150,00**						
SOL CC 2000…PL		**2.470,00**						
SOL CC 3000…PL		**3.545,00**						
SOL CC 3500…PL		**3.680,00**						
SOL CC 1000…PL	**1"1/2**	**1.610,00**	**130,00**	**563,00**	see pumps list at pag. 57	**146,00**	**292,00**	see panels list at pag. 55
SOL CC 1600…PL		**2.150,00**						
SOL CC 2000…PL		**2.470,00**						
SOL CC 3000…PL		**3.545,00**						
SOL CC 3500…PL		**3.680,00**						
SOL CC 1000…PL	**2"**	**1.610,00**	**176,00**	**656,00**	see pumps list at pag. 57	**169,00**	**338,00**	see panels list at pag. 55
SOL CC 1600…PL		**2.150,00**						
SOL CC 2000…PL		**2.470,00**						
SOL CC 3000…PL		**3.545,00**						
SOL CC 3500…PL		**3.680,00**						

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics		pumps			TOP configuration set-up			total	ACCESSORIES	
						tank	delivery pipes	pump		check valve	electric panel
	vol.	Le x W x h		power	delivery	1 ÷ 9	13 ÷ 16	17		18	19
	lt	cm	n.	KW	"	€			€	€	
SOL CC 1001 L060MM PL	**1.050**	Ø 130 x 136	1	0,60	1"1/4	1.610,00	110,00	575,00	**2.295,00**	143,00	290,00
SOL CC 1002 L060MM PL			2			1.610,00	520,00	1.150,00	**3.280,00**	286,00	335,00
SOL CC 1001 L075AM PL			1	0,75	1"1/2	1.610,00	130,00	590,00	**2.330,00**	146,00	290,00
SOL CC 1002 L750AM PL			2			1.610,00	563,00	1.180,00	**3.353,00**	292,00	335,00
SOL CC 1601 L075MM PL	**1.900**	Ø 130 x 211	1	0,75	1"1/2	2.150,00	130,00	615,00	**2.895,00**	146,00	290,00
SOL CC 1602 L075MM PL			2			2.150,00	563,00	1.230,00	**3.943,00**	292,00	335,00
SOL CC 1601 L110AM PL			1	1,10	2"	2.150,00	176,00	930,00	**3.256,00**	169,00	290,00
SOL CC 1602 L110AM PL			2			2.150,00	656,00	1.860,00	**4.666,00**	338,00	335,00
SOL CC 2001 L060AM PL	**2.150**	Ø 130 x 233	1	0,60	1"1/2	2.470,00	130,00	535,00	**3.135,00**	146,00	290,00
SOL CC 2002 L060AM PL			2			2.470,00	563,00	1.070,00	**4.103,00**	292,00	335,00
SOL CC 2001 L110MM PL			1	1,10	2"	2.470,00	176,00	965,00	**3.611,00**	169,00	290,00
SOL CC 2002 L110MM PL			2			2.470,00	656,00	1.930,00	**5.056,00**	338,00	335,00
SOL CC 3001 L037ZM PL	**3.300**	Ø 165 x 211	1	0,37	1"1/2	3.545,00	130,00	560,00	**4.235,00**	146,00	290,00
SOL CC 3002 L037ZM PL			2			3.545,00	563,00	1.120,00	**5.228,00**	292,00	335,00
SOL CC 3001 L110AM PL			1	1,10	2"	3.545,00	176,00	930,00	**4.651,00**	169,00	290,00
SOL CC 3002 L110AM PL			2			3.545,00	656,00	1.860,00	**6.061,00**	338,00	335,00
SOL CC 3501 L120DM PL	**3.700**	Ø 165 x 233	1	1,20	2"	3.680,00	176,00	1.325,00	**5.181,00**	169,00	290,00
SOL CC 3502 L120DM PL			2			3.680,00	656,00	2.650,00	**6.986,00**	338,00	335,00

LIFTING STATION WITH PUMP AND COUPLING FOOT



CUSTOMIZABLE PRICE LIST (BUILD YOUR PLANT)

model	pump delivery	TANK BODY	DELIVERY PIPES	PUMP	VALVE CHAMBER	PANEL
		1 Tank **2** Bayonet lid ø 600 **3** Bayonet cover ø 600 **4** Flip cover **5** Key closure **6** Tank lifting eyebolt **7** Vent **8** Cable gland **9** Sewage outlet pipe	**10** Base in PE for coupling foot fixing **11*** Quick coupling foot **12** Pump guide pipes **13** Pump delivery pipes **14** Pumped sewage outlet pipe **15** Chain and snap hooks for pump lifting **16** Float switches	**17** Submersible pump	**18** Check valve (inside tank)	**19** Electronic panel
		€				

			1 pump	2 pumps		1 pump	2 pumps	
SOL CC 1000…PA	**DN 50**	**1.610,00**	**815,00**	**1.450,00**	see pumps list at pag.57	**169,00**	**338,00**	see panels list at pag. 55
SOL CC 1600…PA		**2.150,00**	**875,00**	**1.575,00**				
SOL CC 2000…PA		**2.470,00**	**970,00**	**1.730,00**				
SOL CC 3000…PA		**3.545,00**	**875,00**	**1.575,00**				
SOL CC 3500…PA		**3.680,00**	**970,00**	**1.730,00**				

11 *P.A. deduction
(eventual your supply)

dimension	DN50
€/each	**230,00**

COMPLETE TOP CONFIGURATION LIST (SOME EXAMPLES BELOW)

model	dimensional characteristics					TOP configuration set-up			total	ACCESSORIES	
			pumps			tank	delivery pipes	pump		check valve*	electric panel
	vol.	Le x W x h		power	delivery	1 ÷ 9	10 ÷ 16	17		18	19
	lt	cm	n.	kW	DN	€			€	€	
SOL CC 1001 L055ZM PA	**1.050**	Ø 130 x 136	1	0,55	50	1.610,00	815,00	740,00	**3.165,00**	169,00	290,00
SOL CC 1002 L055ZM PA			2			1.610,00	1.450,00	1.480,00	**4.540,00**	338,00	335,00
SOL CC 1001 L110MM PA			1	1,10	50	1.610,00	815,00	965,00	**3.390,00**	169,00	290,00
SOL CC 1002 L110MM PA			2			1.610,00	1.450,00	1.930,00	**4.990,00**	338,00	335,00
SOL CC 1601 L110BM PA	**1.900**	Ø 130 x 211	1	1,10	50	2.150,00	875,00	980,00	**4.005,00**	169,00	290,00
SOL CC 1602 L110BM PA			2			2.150,00	1.575,00	1.960,00	**5.685,00**	338,00	335,00
SOL CC 1601 L120DM PA			1	1,20	50	2.150,00	875,00	1.325,00	**4.350,00**	169,00	290,00
SOLCC 1602 L120DM PA			2			2.150,00	1.575,00	2.650,00	**6.375,00**	338,00	335,00
SOL CC 2001 L150MM PA	**2.150**	Ø 130 x 233	1	1,50	50	2.470,00	970,00	1.000,00	**4.440,00**	169,00	290,00
SOL CC 2002 L150MM PA			2			2.470,00	1.730,00	2.000,00	**6.200,00**	338,00	335,00
SOL CC 2001 L150ZM PA			1	1,50	50	2.470,00	970,00	1.300,00	**4.740,00**	169,00	290,00
SOL CC 2002 L150ZM PA			2			2.470,00	1.730,00	2.600,00	**6.806,00**	338,00	335,00
SOL CC 3001 L150BM PA	**3.300**	Ø 165 x 211	1	1,50	50	3.545,00	875,00	905,00	**5.325,00**	169,00	290,00
SOLCC 3002 L150BM PA			2			3.545,00	1.575,00	1.810,00	**6.930,00**	338,00	335,00
SOLCC 3001 L110AM PA			1	1,10	50	3.545,00	875,00	930,00	**5.350,00**	169,00	290,00
SOL CC 3002 L110AM PA			2			3.545,00	1.575,00	1.860,00	**6.980,00**	338,00	335,00
SOL CC 3501 L150ZT PA	**3.700**	Ø 165 x 233	1	1,50	50	3.680,00	970,00	1.300,00	**5.950,00**	169,00	385,00
SOL CC 3502 L150ZT PA			2			3.680,00	1.730,00	2.600,00	**8.010,00**	338,00	470,00

* supplied separated from the tank

ACCESSORIES TECHNICAL DATA AND PRICE LIST

MAXI SOL XL MXL	MAXI SOL MXS	CORRUGATE SOL CC	MINI SOL XL MNX	MINI SOL MNS 400	BABY SOL BBS 102 ÷ 202	MINI SOL MNS 250	BABY SOL BBS 101 ÷ 201	BABY SOL SMALL BSS 100÷ 200	model	description	dimensional characteristics vol lt	Le mm	W mm	h mm	Ø/DN	€
		●	●	●		●			**PRO X 600**	Elevation extension		600	600	300		**290,00**
								●	**CLL Y BBS 100 PE**	Screening basket in PE with extraction handle installed on tank type Babysol				300	100	**40,00**
						●			**CLL Y BBS 200 PE**					500	100	**60,00**
								●	**CLL Y BBS 100 IX**	Screening basket in STAINLESS STEEL with extraction handle installed on tank type Babysol.				300	100	**140,00**
						●			**CLL Y BBS 200 IX**					500	100	**160,00**
		●							**CLL MXS Y 500**	Stainless steel screening basket with extraction guide for emptying coarse materials. To install on tanks type MAXISOL		500	300	800		**1.125,00**
	●								**CLL MXL Y 700**			770	400	900		**1.910,00**
						●		●	**CHI Y 400-200**	Manhole cover 400 x 400 B125 extension 200 inlet		300	300	115	250	**190,00**
						●		●	**CHI Y 600-400**	Manhole cover 600 x 600 B125 extension 400 inlet		500	500	160	400	**405,00**
			●	●	●		●		**CHI Y 800-600**	Tilting telescopic manhole realized in polymeric material, dimesnsions 800x800 D 600 mm B125 extension 600 inlet		840	840	225	630	**895,00**
		●							**CHI Y 400 MXS**	Manholes support frame lifting tank Maxisol (MXS) for vehicle access D 400 with manhole in polymeric material		2.500	1.000	160		**6.430,00**
	●								**CHI Y 400 MXL**	Manholes support frame lifting tank Maxisol XL (MXL) for vehicle access D 400 with manhole in polymeric material		3.000	1.900	165		**10.250,00**
●	●	●							**GRA Y 40-80 AC**	Shaped rectangular anti-intrusion grid in galvanized steel		690	455	23		**295,00**
●	●	●							**GRA Y 40-80 IX**	Shaped rectangular anti-intrusion grid in STAINLESS STEEL		690	455	23		**440,00**
		●	●	●					**GRI Y 600**	Circular anti-intrusion grid ø 600 mm in carbon steel					600	**90,00**
		●	●	●	●	●	●	●	**VRF Y GHI 025**	Cast iron ball check valve threaded or flanged for installation on pump delivery pipes					1”	**130,00**
		●	●	●	●	●	●	●	**VRF Y GHI 032**						1” 1/4	**130,00**
		●	●	●	●	●	●	●	**VRF Y GHI 040**						1” 1/2	**145,00**
		●	●	●	●	●			**VRF Y GHI 050**						2”	**165,00**
●	●	●							**VRF Y GHI DN50**						50	**285,00**
●	●	●							**VRF Y GHI DN65**						65	**365,00**
●	●	●							**VRF Y GHI DN80**						80	**435,00**
●	●	●							**VRF Y GHI DN100**						100	**560,00**
●	●	●							**VRF Y GHI DN150**						150	**1.110,00**

ELECTRIC PANELS WITH DIRECT START-UP PRICE LIST

MAXI SOL XL MXL	MAXI SOL MXS	CORRUGATE SOL CC	MINI SOL XL MNX	MINI SOL MNS 400	BABY SOL BBS 102 ÷ 202	MINI SOL MNS 250	BABY SOL BBS 101 ÷ 201	BABY SOL SMALL BSS 100÷ 200	model	description	electric characteristics		€
											voltage	power	
											Volt	kW	
●	●	●	●	●	●	●	●	●	**QE 1M 220**	Electric Panel for direct start-up 1 Single-phase Pump up to 2,2 kW	230	0,37 ÷ 2,20	**290,00**
●	●	●	●	●	●	●			**QE 2M 220**	Electric Panel for direct start-up 2 Single-phase Pumps up to 2,2 kW	230	0,37 ÷ 2,20	**335,00**
●									**QE 3M 220**	Electric Panel for direct start-up 3 Single-phase Pumps up to 2,2 kW	230	0,37 ÷ 2,20	**795,00**
●	●	●	●	●	●	●			**QE 1T 750**	Electric Panel for direct start-up 1 Three-phase Pump up to 7,5 kW	400	0,55 ÷ 7,50	**385,00**
●									**QE 2T 750**	Electric Panel for direct start-up 2 Three-phase Pumps up to 7,5 kW	400	0,55 ÷ 7,50	**470,00**
●									**QE 3T 750**	Electric Panel for direct start-up 3 Three-phase Pumps up to 7,5 kW	400	0,55 ÷ 7,50	**1.000,00**
●									**QE 1T 1100**	Electric Panel for direct start-up 1 Three-phase Pump from 7,5 to 11 kW	400	7,50 ÷ 11,00	**455,00**
●									**QE 2T 1100**	Electric Panel for direct start-up 2 Three-phase Pumps from 7,5 kW to 11 kW	400	7,50 ÷ 11,00	**755,00**
●									**QE 1T 1500**	Electric Panel for direct start-up 1 Three-phase Pump from 11 to 15 kW	400	11,00 ÷ 15,00	**530,00**
●									**QE 2T 1500**	Electric Panel for direct start-up 2 Three-phase Pumps from 11 kW to 15 kW	400	11,00 ÷ 15,00	**935,00**
●	●	●	●	●	●	●	●	●	**QE 1M 220 AAV**	Electric Panel for direct start-up 1 Single-phase Pump up to 2,2 kW with wired visual and acoustic alarms including dedicated float switch	230	0,37 ÷ 2,20	**520,00**
●	●	●	●	●	●	●			**QE 2M 220 AAV**	Electric Panel for direct start-up 2 Single-phase Pumps up to 2,2 kW with wired visual and acoustic alarms including dedicated float switch	230	0,37 ÷ 2,20	**565,00**
●									**QE 3M 220 AAV**	Electric Panel for direct start-up 3 Single-phase Pumps up to 2,2 kW with wired visual and acoustic alarms including dedicated float switch	230	0,37 ÷ 2,20	**1.015,00**
●	●	●	●	●	●	●			**QE 1T 750 AAV**	Electric Panel for direct start-up 1 Three-phase Pump up to 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	0,55 ÷ 7,50	**615,00**
●									**QE 2T 750 AAV**	Electric Panel for direct start-up 2 Three-phase Pumps up to 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	0,55 ÷ 7,50	**700,00**
●									**QE 3T 750 AAV**	Electric Panel for direct start-up 3 Three-phase Pumps up to 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	0,55 ÷ 7,50	**1.215,00**
●									**QE 1T 1100 AAV**	Electric Panel for direct start-up 1 Three-phase Pump from 7,5 to 11 kW with wired visual and acoustic alarms including dedicated float switch	400	7,50 ÷ 11,00	**685,00**
●									**QE 2T 1100 AAV**	Electric Panel for direct start-up 2 Three-phase Pumps from 7,5 kW to 11 kW with wired visual and acoustic alarms including dedicated float switch	400	7,50 ÷ 11,00	**985,00**
●									**QE 1T 1500 AAV**	Electric Panel for direct start-up 1 Three-phase Pump from 11 to 15 kW with wired visual and acoustic alarms including dedicated float switch	400	11,00 ÷ 15,00	**760,00**
●									**QE 2T 1500 AAV**	Electric Panel for direct start-up 2 Three-phase Pumps from 11 kW to 15 kW with wired visual and acoustic alarms including dedicated float switch	400	11,00 ÷ 15,00	**1.165,00**

ELECTROMECHANICAL PANELS WITH STAR/DELTA START-UP PRICE LIST

MAXI SOL XL MXL	MAXI SOL MXS	CORRUGATE SOL CC	MINI SOL XL MNX	MINI SOL MNS 400	BABY SOL BBS 102 ÷ 202	MINI SOL MNS 250	BABY SOL BBS 101 ÷ 201	BABY SOL SMALL BSS 100÷ 200	model	description	electric characteristics		€
											voltage	power	
											Volt	kW	
●	●								**QE 1T 750 ST**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pump 7,5 kW	400	7,50	**1.570,00**
●	●								**QE 2T 750 ST**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 7,5 kW	400	7,50	**2.525,00**
●									**QE 3T 750 ST**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 7,5 kW	400	7,50	**4.065,00**
●									**QE 1T 1100 ST**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pump 11 kW	400	11,00	**1.710,00**
●									**QE 2T 1100 ST**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 11 kW	400	11,00	**2.650,00**
●									**QE 3T 1100 ST**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 11 kW	400	11,00	**4.100,00**
●									**QE 1T 1500 ST**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pumps 15 kW	400	15,00	**1.955,00**
●									**QE 2T 1500 ST**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 15 kW	400	15,00	**3.235,00**
●									**QE 3T 1500 ST**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 15 kW	400	15,00	**4.865,00**
●	●								**QE 1T 750 ST AAV**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pump 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	7,50	**1.800,00**
●	●								**QE 2T 750 ST AAV**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	7,50	**2.755,00**
●									**QE 3T 750 ST AAV**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 7,5 kW with wired visual and acoustic alarms including dedicated float switch	400	7,50	**2.760,00**
●									**QE 1T 1100 ST AAV**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pump 11 kW with wired visual and acoustic alarms including dedicated float switch	400	11,00	**2.765,00**
●									**QE 2T 1100 ST AAV**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 11 kW with wired visual and acoustic alarms including dedicated float switch	400	11,00	**2.770,00**
●									**QE 3T 1100 ST AAV**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 11 kW with wired visual and acoustic alarms including dedicated float switch	400	11,00	**2.775,00**
●									**QE 1T 1500 ST AAV**	Electromechanical panel for Star/Delta start-up 1 Three-phase Pumps 15 kW with wired visual and acoustic alarms including dedicated float switch	400	15,00	**2.780,00**
●									**QE 2T 1500 ST AAV**	Electromechanical panel for Star/Delta start-up 2 Three-phase Pumps 15 kW with wired visual and acoustic alarms including dedicated float switch	400	15,00	**2.785,00**
●									**QE 3T 1500 ST AAV**	Electromechanical panel for Star/Delta start-up 3 Three-phase Pumps 15 kW with wired visual and acoustic alarms including dedicated float switch	400	15,00	**5.230,00**

ELECTROMECHANICAL ACCESSORIES AND COMPONENTS PRICE LIST

●	●	●	●	●	●	●	●	●	**INT GAL P**	Float switch for clear waters			**30,00**
●	●	●	●	●	●	●	●	●	**INT GAL G**	Float switch for sewage			**125,00**
●	●	●	●	●	●	●	●	●	**ALL Z AV**	Acoustic/luminous warning from remote contact			**205,00**
●	●	●	●	●	●	●	●	●	**TIMER PLI**	Daily timer with riders inside the panel for stop/working phases			**175,00**
●	●	●	●	●	●	●	●	●	**TIMER PLE**	Daily timer with riders outside the panel for stop/working phases			**190,00**

PUMPS - TECHNICAL CHART / PRICE LIST

MAXI SOL XL MXL	MAXI SOL MXS	CORRUGATE SOL CC	MINI SOL XL MNX	MINI SOL MNS 400	BABY SOL BBS 202 ÷ 202	MINI SOL MNS 250	BABY SOL BBS 101 ÷ 102	BABY SOL SMALL BSS 100÷ 200	type of pumps	model	electric power	single phase (220V) three phase (400V)	set-up in tank: free threaded	set-up in tank: Coup. feet flanged	flow rate	head	curves dia-grams	supplier's model	€ pump
											kW	M/T	"	DN	Q (lt)	H (mt)	n.		
		●	●	●	●	●	●	●	C	**C060 MM**	0,60	M	1"1/4	-	25 ÷ 200	12,9 ÷ 2,4	1	Dreno 80G	**550,00**
		●	●	●	●	●	●	●		**C074 MM**	0,75	M	1"1/4	-	25 ÷ 200	19,0 ÷ 1,3	2	Dreno 100G	**590,00**
		●	●	●	●	●	●	●		**C060 MT**	0,60	T	1"1/4	-	25 ÷ 200	12,9 ÷ 2,4	1	Dreno 80T	**550,00**
		●	●	●	●	●	●	●	CLEAR	**C074 MT**	0,75	T	1"1/4	-	25 ÷ 200	19,0 ÷ 1,3	2	Dreno 100T	**560,00**
				●	●	●	●	●		**L037 MM**	0,37	M	1"1/4	-	10 ÷ 250	8,0 ÷ 0,5	3	VTXS 50G	**415,00**
				●	●	●	●	●		**L037 AM**	0,37	M/T	1"1/4	-	20 ÷ 155	6,0 ÷ 1,0	25	TOP Energy 2 MG	**375,00**
				●	●	●	●	●		**L037 ZM**	0,37	M/T	1"1/2	-	0 ÷310	7,0 ÷ 0,9	23	DG Blue PRO 50/2/G40V	**560,00**
		●	●	●	●					**L055 DM**	0,55	M/T	2"	-	0 ÷ 300	7,4 ÷ 1,8	29	FEKA VS 550 M-A	**625,00**
		●	●	●	●					**L055 ZM**	0,55	M/T	-	50	0 ÷ 430	8,9 ÷ 1,2	24	DGO 75/2/G50H	**740,00**
				●	●	●	●	●		**L060 AM**	0,60	M/T	1"1/2	-	15 ÷ 205	8,0 ÷ 1,0	26	TOP Energy 3 MG	**535,00**
				●	●	●	●	●		**L060 MM**	0,60	M/T	1"1/4	-	10 ÷ 230	10,0 ÷ 1,0	4	Vortexport 800G	**575,00**
				●	●	●	●	●		**L075 MM**	0,75	M/T	1"1/2	-	10 ÷ 280	10,5 ÷ 2,0	5	Vortexport 1000G	**615,00**
	●	●	●	●	●					**L075 DM**	0,75	M/T	2"	-	0 ÷ 400	9,6 ÷ 1,9	30	FEKA VS 750 M-A	**735,00**
		●	●	●	●	●	●	●		**L075 AM**	0,75	M/T	1"1/2	-	25 ÷ 255	10,0 ÷ 1,0	27	TOP Energy 4 MG	**590,00**
	●	●	●	●						**L100 DM**	1,00	M/T	2"	-	0 ÷ 400	11,8 ÷ 4,1	31	FEKA VS 1000 M-A	**1.010,00**
	●	●	●	●						**L110 AM**	1,10	M/T	2"	-	60 ÷ 520	12,0 ÷ 2,0	28	TOP Energy 7 MG	**930,00**
	●	●	●	●						**L110 MM**	1,10	M/T	-	50	10 ÷ 400	11,9 ÷ 1,1	6	Vortexport 1500G	**965,00**
	●	●	●	●						**L110 BM**	1,10	M/T	-	50	0 ÷ 600	15,0 ÷ 2,0	33	SEMISOM 635 HS	**980,00**
	●	●	●	●						**L120 DM**	1,20	M/T	2"	50	0 ÷ 400	14,0 ÷ 6,7	32	FEKA VS 1200 M-A	**1.325,00**
	●	●	●	●						**L150 MM**	1,50	M/T	-	50	10 ÷ 480	13,8 ÷ 1,0	7	Vortexport 2000G	**1.000,00**
	●	●	●	●					L	**L150 ZM**	1,50	M/T	-	50	0 ÷ 660	15,3 ÷ 1,5	35	DGO 200/2/G50H A0CM5	**1.300,00**
	●	●	●	●						**L150 BM**	1,50	M/T	-	50	100 ÷ 600	9,5 ÷ 1,0	34	SEMISOM 490 HA	**905,00**
●	●									**L180 ZT**	1,80	T	-	65	0 ÷ 840	13,0 ÷ 1,6	36	DGG 250/2/65 B0AT5	**1.580,00**
●	●									**L180 DT**	1,80	T	-	65	0 ÷ 840	15,3 ÷ 4,2	8	FEKA FXC 20.15 TNA	**2.035,00**
●	●									**L220 ZT**	2,20	T	-	65	0 ÷ 840	15,1 ÷ 2,6	37	DGG 300/2/65 C0ET5	**2.445,00**
●	●									**L220 DT**	2,18	T	-	65	0 ÷ 960	19,1 ÷ 6,2	9	FEKA FXC 20.22 TNA	**2.360,00**
●	●									**L220 MT**	2,20	T	-	65	200 ÷ 900	14,4 ÷ 3,8	10	DV 310T	**2.265,00**
●	●									**L300 MT**	3,00	T	-	80	200 ÷ 1.300	19,4 ÷ 2,8	13	DV 400T	**3.070,00**
●	●									**L300 ZT**	3,00	T	-	65	0 ÷ 960	17,7 ÷ 2,9	38	DGG 400/2/65 D0ET5	**2.795,00**
●	●									**L400 DT**	4,00	T	-	80	0 ÷ 1.200	22,1 ÷ 2,9	11	FKV 80 40.2 T5	**4.590,00**
●	●									**L400 MT**	4,00	T	-	80	200 ÷ 1.500	22,2 ÷ 2,6	14	DV 550T	**3.115,00**
●	●									**L600 DT**	6,00	T	-	80	0 ÷ 1.200	29,1 ÷ 7,1	12	FKV 80 60.2 T5	**4.965,00***
●	●									**L550 ZT**	5,50	T	-	80	0 ÷ 1.680	17,1 ÷ 1,7	39	DGG 750/2/80 A0FT5	**3.915,00**
●	●									**L550 MT**	5,50	T	-	80	200 ÷ 1.800	22,7 ÷ 2,8	15	DV 750T	**4.385,00**
●										**L301 ZT**	3,00	T	-	100	0 ÷ 2.160	14,3 ÷ 1,4	16	DRG 400/4/100 Y0ET5	**3.700,00**
●										**L400 ZT**	4,00	T	-	100	0 ÷ 3.360	15,6 ÷ 4,2	17	DRG 550/4/100 R0FT5	**4.880,00**
●										**L551 ZT**	5,50	T	-	100	0 ÷ 3.840	16,9 ÷ 2,8	18	DRG 750/4/100 L0FT5	**6.445,00**
●										**L401 ZT**	4,00	T	-	150	0 ÷ 4.800	13,3 ÷ 1,6	19	DRG 550/4/150 N0FT5	**6.955,00**
●										**L552 ZT**	5,50	T	-	150	0 ÷ 5.280	16,3 ÷ 1,4	20	DRG 750/4/150 N0FT5	**7.790,00**
●										**L750 ZT**	7,50	T	-	150	0 ÷ 5.760	20,8 ÷ 2,3	21	DRG 1000/4/150 N0GT5	**8.395,00***
●										**L900 ZT**	9,00	T	-	150	0 ÷ 6.240	22,5 ÷ 1,6	22	DRG 1200/4/150 N0HT5	**10.020,00***
			●	●	●	●		●		**T075 PM**	0,75	M	1"1/4	-	20 ÷ 125	15,0 ÷ 2,0	40	TRITUS TRm 0.75	**1.480,00**
			●	●	●	●		●		**T090 AM**	0,90	M	1"1/4	-	35 ÷ 215	16,0 ÷ 4,0	42	MASTER 2 MG	**1.465,00**
			●	●	●	●		●		**T110 AM**	1,10	M	1"1/4	-	30 ÷ 235	18,0 ÷ 5,0	43	MASTER 3 MG	**1.520,00**
	●	●	●	●	●				T	**T150 PM**	1,50	M	-	40	20 ÷ 270	25,0 ÷ 2,0	41	TRITUS TRm 1.5	**2.560,00**
	●	●	●							**T150 MT**	1,50	T	-	50	50 ÷ 300	21,3 ÷ 13,4	44	DTR 200T	**1.955,00**
	●	●	●							**T220 MT**	2,20	T	-	50	50 ÷ 300	25,2 ÷ 18,2	45	DTR 300T	**2.000,00**
	●								GRINDER	**T300 MT**	3,00	T	-	50	50 ÷ 300	31,8 ÷ 21,6	46	DTR 400T	**2.900,00**
	●									**T400 MT**	4,00	T	-	50	50 ÷ 300	36,9 ÷ 27,6	47	DTR 550T	**2.935,00**
	●									**T550 MT**	5,50	T	-	65	50 ÷ 360	46,2 ÷ 11,0	48	DTR 750T	**3.710,00**

* Star Triangle pump start-up

NOTES

Starplast srl

+39 0722 079201

info@starplastsrl.it
www.starplastsrl.it

Via dell'Artigianato, 43 / 61028
Sassocorvaro Auditore (PU)