Technical Data

Accessories >

> Tanks

DESCRIPTION

Application

- The adoption of particular formulations of linear polyethylene gives the tanks exceptional properties of lightness, resistance to mechanical stress, chemical resistance, elasticity and a longer duration of uninterrupted operation

Features

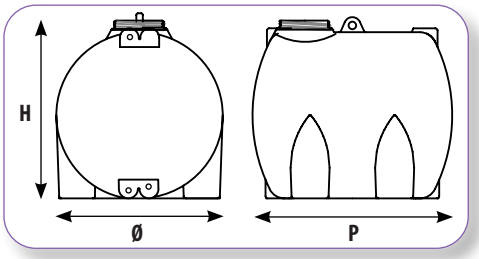
- 100% prevent the formation of algae
- Frost resistance from - 60 ° C to + 80 ° C.
- Absolute resistance to UV rays
- Monolithic and seamless
- Fittings and walls merged into a single body
- CE compliant

Specifications

- Predisposition for drilling for loading Ø 3/4"
- Discharge Ø 1 "1/4
- Too full and hole for total emptying Ø 1"
- Vent device Ø 1"
- Caps and gaskets
- Nipples kit
- Dimensions have a tolerance of ± 1%
- The capacity has a tolerance of ± 10%

HORIZONTAL TANKS

Code	Type	Cap. liters
OSB100	CON 300	300
OSB105	CON 2000	2.000
OSB110	CON 3000	3.000
OSB115	CON 5000	5.000
OSB116	CON 10000	10.000



Model	Capacity liters	Dimensions cm H	L	P	Manhole cover ø mm	Vent	Fittings Discharge	Overfull	Total emptying
CON 300	290	82	73	82	320		1"¼	1"	1"
CON 2000	1.950	144	136	155	320		1"¼	1"	1"
CON 3000	2.970	166	160	185	420		-	-	-
CON 5000	4.950	186	178	232	420		-	-	-
CON 10000	10.400	230	225	310	550		-	-	-

Labyrinth valve 1" *2" vent connection (male)*

Pumps

SCARABELLI IRRIGAZIONE s.r.l. • Via Viadagola 48 • 40057 Granarolo dell'Emilia (BO)
Tel +39(0)51 763.363 • Fax +39(0)51 763.397 • www.scarabelli.it • info@scarabelli.it

Technical Data

Accessories >

MIX TANKS

Code	Type	Cap. liters	
OSB889	MIX120	120	
OSB990	MIX325	325	
OSB991	MIX550	550	
OSB992	MIX1070	1.070	

Note: other models with different dimensions/capacity available on request

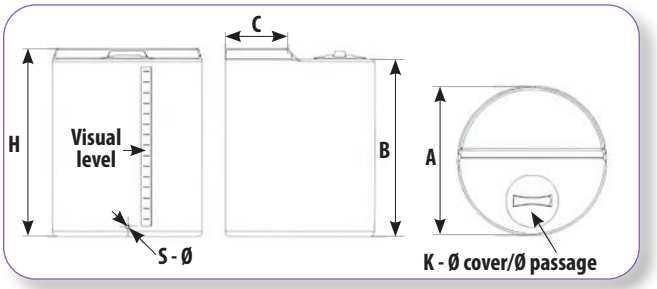
DESCRIPTION

Application

- Containers designed for mixing and dosing

Features

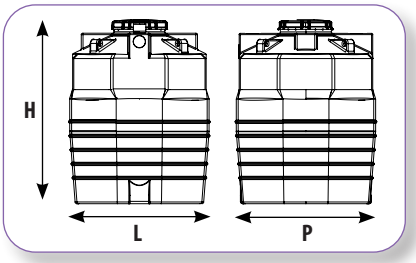
- Self-supporting vertical cylindrical shape with flat bottom
- Upper part with offset planes on two levels for the application of dosing pumps and / or electric agitator with vertical axis
- Equipped with hatch for full loading, threaded lid, visual level indicator and, in the lower front part, provision for the application of the drain valve



Type	Capacity liters	Dimensions mm A	B	H	C	K	S
MIX120	120	500	630	680	200	255/200	½"
MIX325	325	710	840	890	300	255/200	½"
MIX550	550	875	950	1.000	380	255/200	1"
MIX1070	1.070	1.100	1.150	1.200	500	255/200	1"

INVSV UNDERGROUND TANKS

Code	Type	Cap. liters	
OSB842	INVSV1500	1.360	
OSB844	INVSV 3000	3.107	
OSB845	INVSV 4000	4.200	
OSB847	INVSV 5000	5.110	
OSB848	INVSV 6000	5.983	
OSB849	INVSV 10000	10.000	



Type	Capacity liters	Dimensions cm H	L	P	Manhole cover ø mm	Vent	Turret combined
INVSV 1500	1.360	150	117	117	420		CL 420
INVSV 3000	3.107	219	146	146	420		CL 420
INVSV 4000	4.200	224	165	165	420		CL 420
INVSV 5000	5.110	229	184	184	420		CL 420
INVSV 6000	5.983	257	185	185	420		CL 420
INVSV 10000	10.000	260	238	238	550		CL 550 F

1" vent connection (female) *2" PE box connection (male)*

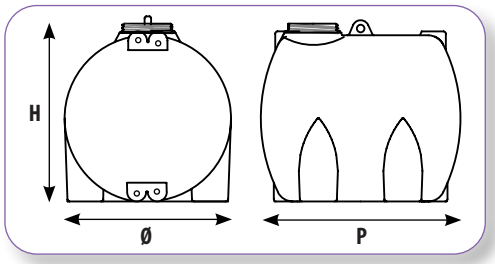
SCARABELLI IRRIGAZIONE s.r.l. • Via Viadagola 48 • 40057 Granarolo dell'Emilia (BO)
Tel +39(0)51 763.363 • Fax +39(0)51 763.397 • www.scarabelli.it • info@scarabelli.it

Technical Data

Accessories >

INCON UNDERGROUND TANKS

Code	Type	Cap. liters	€
OSB830	INCON 2000	1.950	**1.480,00**
OSB831	INCON 3000	2.970	**2.090,00**

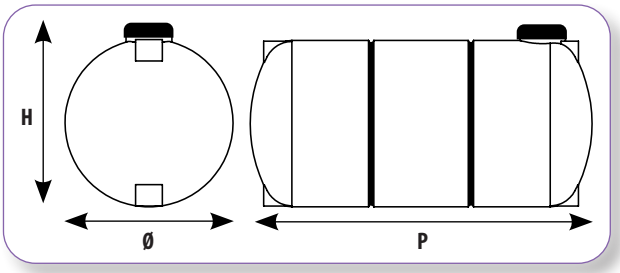


Type	Capacity liters	Dimensions cm H	L	P	Manhole cover ø mm	Vent	Turret combined
INCON 2000	1.950	144	136	155	320	■	CL 320
INCON 3000	2.970	193	160	185	420	■	CL 420

■ *2" vent connection (male)*

SNAKE LARGE VOLUMES TANKS

Code	Type	Cap. liters
OSB870	INSM 10.000	10.000
OSB871	INSM 15.000	15.000
OSB872	INSM 20.000	20.000
OSB873	INSM 30.000	30.000
OSB874	INSM 40.000	40.000
OSB875	INSM 50.000	50.000

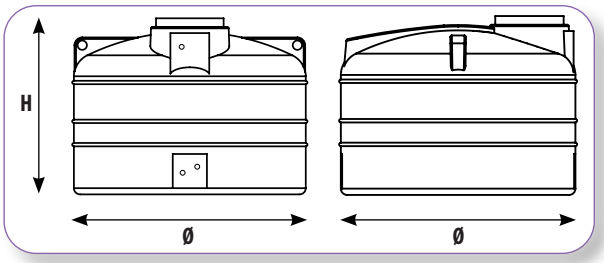


Type	Capacity liters	Vent	Dimensions cm H	ø	P	Manhole cover ø mm	Turret combined
INSM 10000	10000	■	243	225	320	550	CL 550 F
INSM 15000	15000	■	243	225	452	550	CL 550 F
XXLI 20000	20000	■	255	238	508	550	CL 550 F
XXLI 30000	30000	■	255	238	744	550	CL 550 F
XXLI 40000	40000	■	255	238	979	550	CL 550 F
XXLI 50000	50000	■	255	238	1215	550	CL 550 F

■ *2" PE box connection (male)*

PANETTONE TANKS

Code	Type	Cap. liters
OSB753	PAN 2000	2.050
OSB754	PAN 3000	3.050
OSB755	PAN 5000	4.950



Type	Capacity liters	Dimensions cm H	ø	Manhole cover ø mm	Vent	Fittings Discharge	Overfull	Total emptying
PAN 2000	2.050	139	157	420	■	1" 1/4	1"	1"
PAN 3000	3.050	128	194	420	■	-	-	-
PAN 5000	4.950	142	238	420	■	-	-	-

■ *Labyrinth valve 1"*

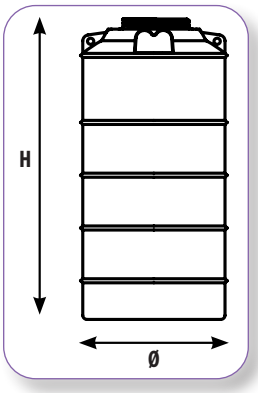
Pumps

Technical Data

Accessories >

VERTICAL TANKS

Code	Type	Cap. liters	
OSB400	NSV 100	100	
OSB401	NSV 300	300	
OSB407	NSV 3000	3.000	
OSB408	NSV 4000	4.000	



Type	Capacity liters	Dimensions cm		Manhole cover	Vent	Fittings		
		H	ø	ø mm		Discharge	Overfull	Total emptying
NSV 100	100	67	48	320		1"¼	1"	1"
NSV 300	300	97	70	320		1"¼	1"	1"
NSV 3000	3.000	202	147	420		-	-	-
NSV 4000	4.000	206	169	420		-	-	-

Labyrinth valve 1"

GAS THREADED TANK FITTINGS

Code	Type	Tank fitting	Gas thread	
RAT100	Tanks adapter	S60 x 6 (60 mm, ridge distance 6 mm)	1" M	
RAT101	Tanks adapter	S60 x 6 (60 mm, ridge distance 6 mm)	1" F	

Technical Data

Accessories >

INSTALLATION

PLACE OF INSTALLATION

- Before choosing the model of our tank, make sure that the path and the place where it is to be installed is wide enough and that there is a flat, solid and uneven base to support the weight of the full tank
- The tank must rest entirely on the base, it must also be level, avoiding installation near heat sources
- The tank walls must not rest on any masonry or object, they must be at least 20 cm apart
- Always consult a technician about the resistance of the structures to the loads that are going to be installed

INSTALLATION

- When connecting the rigid network pipes to our fittings (or extra fittings assembled by you or assembled by us or welded to your indications) we remind you that it is essential to interpose flexible pipes at least twice the diameter of the fitting or an expansion joint, to avoid that the fittings are subjected to stresses, bending and tensioning due to the continuous loading and unloading of the tank liquid; this could in fact produce imperceptible and slight bending of the walls which would cause damage to the fittings if you do not use the precautions mentioned above
- To obtain a perfect seal between the thread of the fitting and that of the hose, interpose a few layers of Teflon tape (PTFE) in the right quantity without forcing excessively during tightening
- Finally, screw the manhole cover onto the tank without tightening and make sure that the bleed valve (or the bleed system) is working, which is used to keep the pressure inside the tank constant

TRANSPORT

- During transport, never hit the tank against sharp edges or blunt objects because, even if very resistant to impact, it could suffer injuries even if not immediately visible
- It is also recommended to anchor the tanks using canvas straps by slinging the tank body
- However, never move with a full tank

BURIAL INSTRUCTIONS

- A correct installation procedure is essential for the success of the burial; in any case, it is necessary to enlist the assistance of a competent technician who recommends the most suitable choices in relation to the characteristics of the terrain, follows all the phases of the operation and issues a specific written report on what has been done
- This document must be kept together with the traceability code attached to the tank; without these documents the guarantee is void
- Carry out the excavation considering that, in addition to the dimensions of the tank, a distance of 30 cm over the overall dimensions must be calculated on each side
- The bottom of the excavation must allow perfect drainage, to prevent it from causing stagnation and the accumulation of water
- To carry out the excavation, observe the following rules of thumb:
- - A: for non-load-bearing soils (soft earth) consider that the excavation angle cannot be greater than 45 degrees
- - B: for medium hard soils do not exceed 60 degrees
- - C: for rock excavations it can reach up to 80 degrees
- In the upper part, around the excavation, a free zone of about 60 cm in width must be left, to avoid the landslide and to allow the movement of operators during the burial

GENERAL WARNINGS

- 1. The tank must never be placed in landslide, clayey soils, on slopes, in positions subject to channeling of rainwater, beaches, etc .; In such situations it is necessary to use a qualified technician who knows the morphological and hydrogeological characteristics of the installation area and defines the most appropriate actions to be taken
- 2. In no case, the excavation may be carried out on landslide, clayey, marshy soils that do not allow deep drainage; also check that the product does not come into contact with any roots that could damage it
- 3. When there is a shallow aquifer and it can be expected to rise, it is necessary to make a suitable drainage of the excavation to prevent the hydraulic thrust on the tank from causing damage due to crushing
- 4. During the installation phase it is recommended to close the excavation as soon as possible, as sudden torrential rains or exceptional events could create stagnation of water and cause irreversible damage to the tank
- 5. The underground area will be walkable, and can be made suitable for vehicles or trucks only with the construction of suitable structures, which must be calculated by a trusted technician; such structures or any other construction or artifact (walls, manholes, etc.) must absolutely not weigh on the tank

SCARABELLI IRRIGAZIONE s.r.l. • Via Viadagola 48 • 40057 Granarolo dell'Emilia (BO)
Tel +39(0)51 763.363 • Fax +39(0)51 763.397 • www.scarabelli.it • info@scarabelli.it