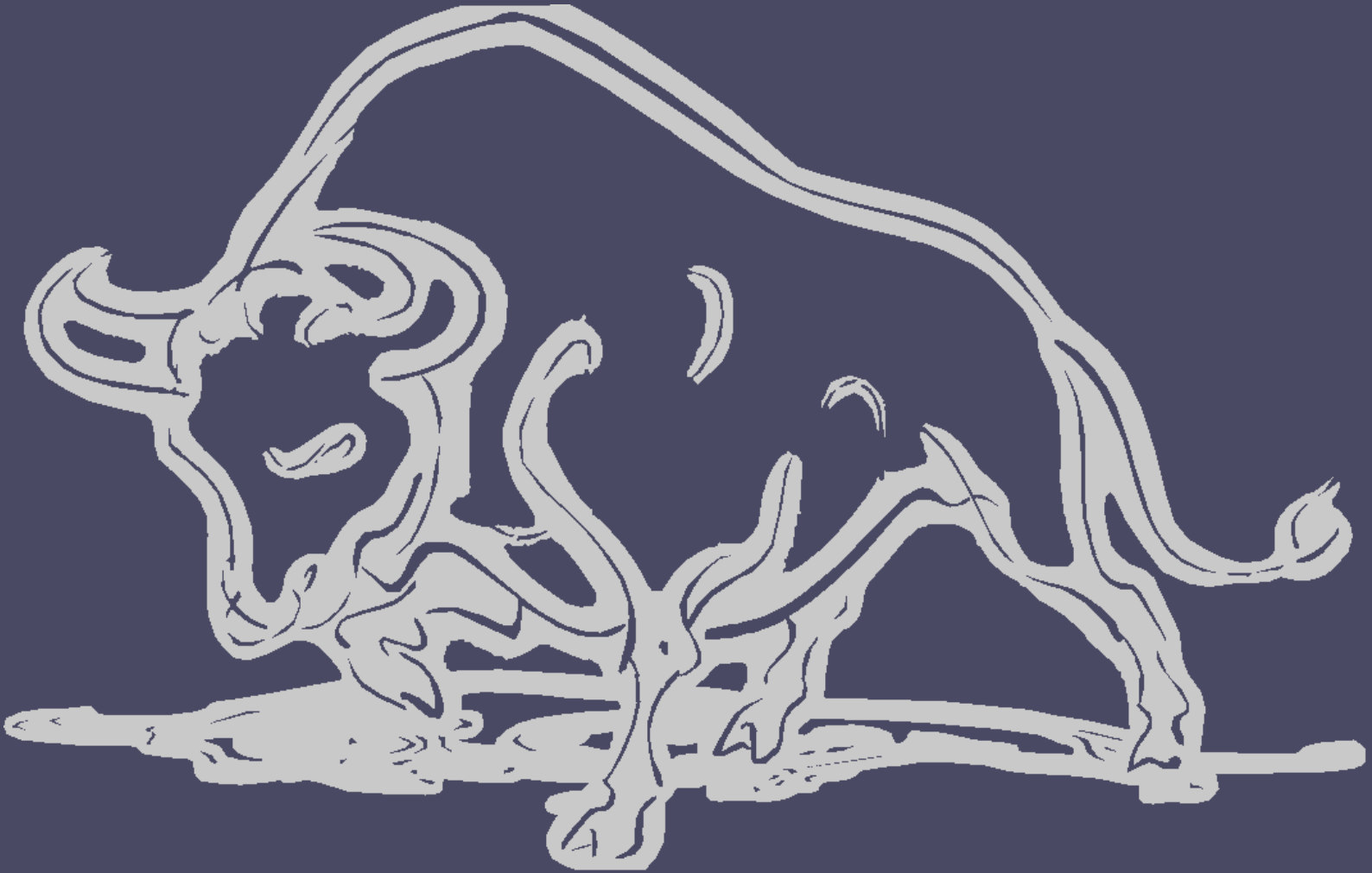
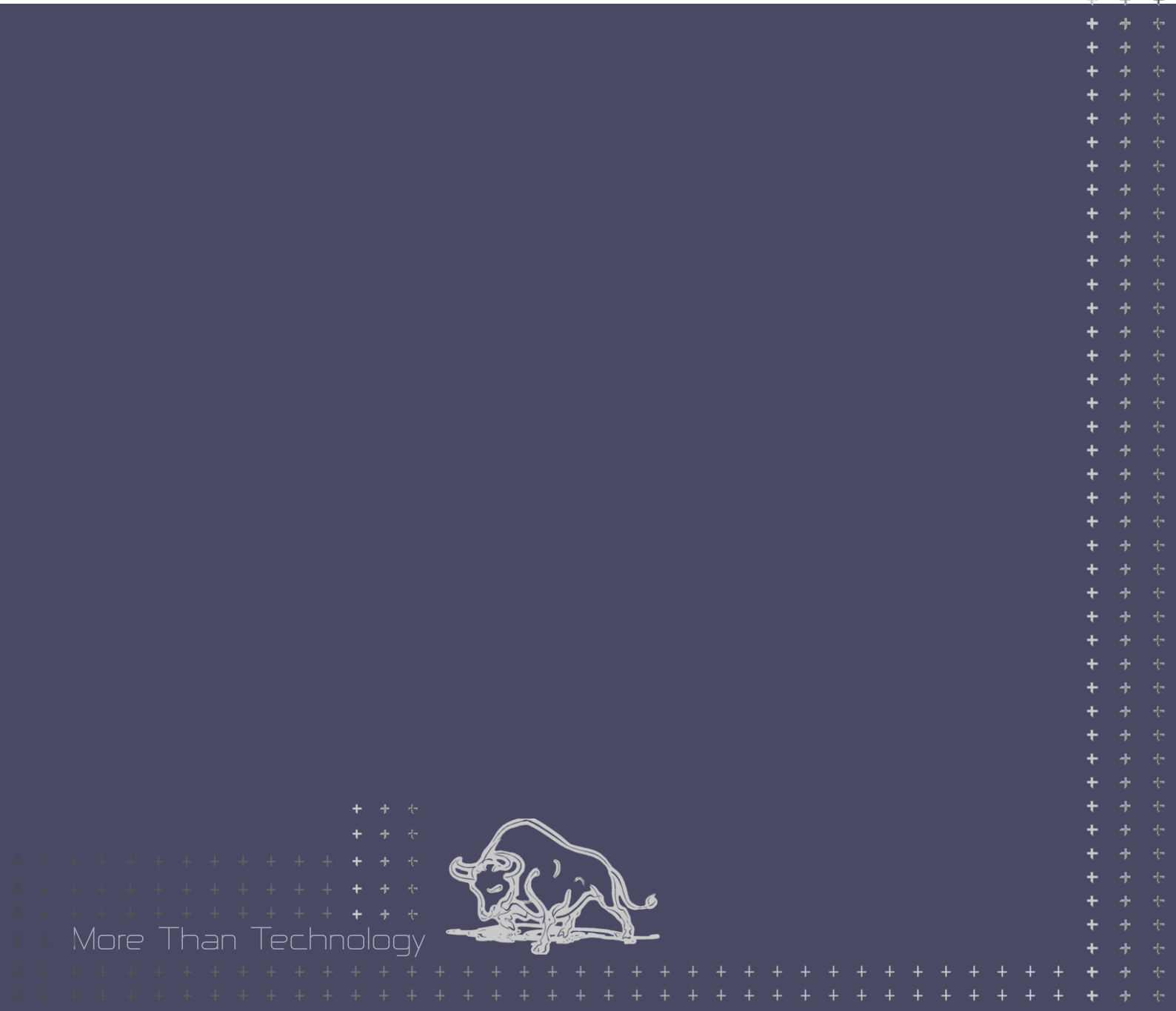


SAVEL TANK

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+ + +



More Than Technology



More Than Technology

Savel has been established by its organizers who have combined their experiences with the mission to meet the fuel sector with the technology.

Initially, we have focused on R&D, then we have expanded our amount of costumers by finding solution for their problems. We finished all product's tests that we improved in a shorttime. And we have introduced our products to our costumers.

Savel R&D gain expert knowledge on "Fuel Dispenser Electronics" and "Automation Systems". Finding correct and accurate solutions expeditiously for our costumers' project is Savel's mission. And our aim costumers' satisfaction.

Our fuel dispenser' electronics have been produced, when there was a YTL changing. It has gained a reputation by working free of problems with all automation systems like cash register. And we have served all over Turkey.



Savel Elektronik Mühendislik Bilişim Ltd. Şti.

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More Than Technology

+ Fuel
+ Automation
+ LPG
+ CNG

DOUBLE WALL UNDERGROUND CYLINDRICAL TANKS

European standard NF-EN 12285-1 (Class A) compliant



Quality guarantee for your
underground storage of
petroleum products

Petroleum storage tanks

Installation

NF EN 12285-1-Class A underground storage :
In areas where water is protected, bury in the ground on
a sand layer and infill with neutral sand

Equipment

- European DN 600 x 720 manhole
- Safety device : space between walls filled with non-corrosive and non-toxic antifreeze. Tank equipped with an indicator fluid leak detection system (optical and sonic alarm)
- Bi-component polyurethane external 800 micron coating applied hot after a 800 micron surface preparation. Tested at 6000 volts.

Compliance plate

Metallic 0.75 bar liquid or 0.3 bar air proofing certificate
for the SW tank and 0,4 bar liquid for the external envelope

Specific conditions for underground tanks

- Minimum distance between ground surface and the tank upper generator : 0.50 m
- Anchoring by belts is recommended if there is a risk of rising water
- No vehicle passage or load storage above the tank unless a sufficiently strong floor is installed which must not make the tank bear any weight
Maximum infill over the upper generator : 1,50 m

Rectangular tanks

Cylindrical tanks

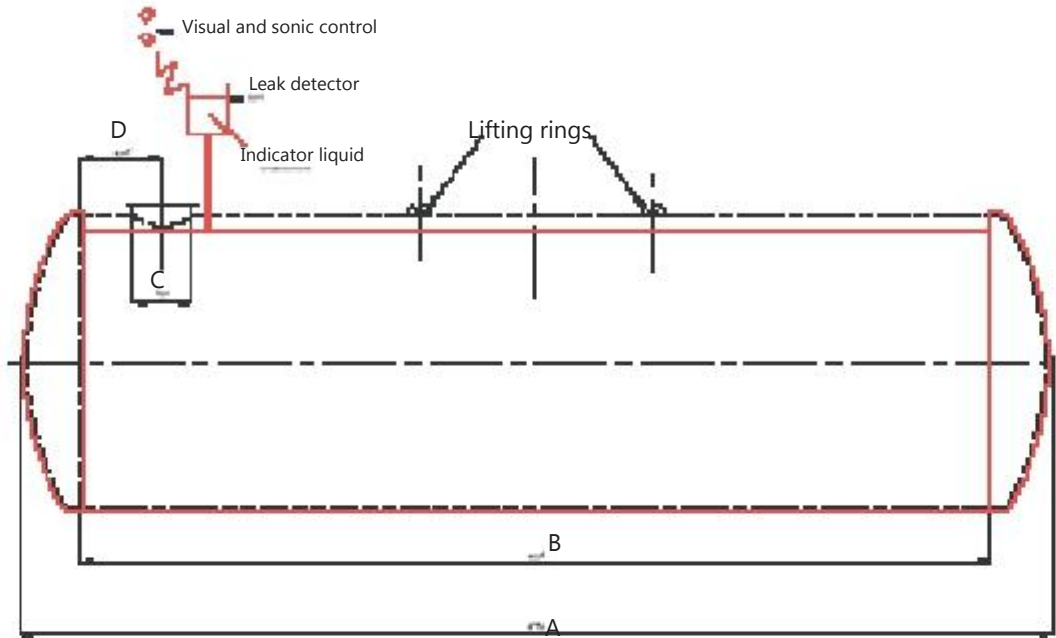
Equipped tanks

Accessories



DOUBLE WALL UNDERGROUND CYLINDRICAL TANKS

European standard NF-EN 12285-1 (Class A) compliant



Petroleum storage tanks

CONTENT litres	DIAMETER cm	VOLUME PER COMPART litres	SIZE A m	SIZE B m	SIZE C cm	SIZE D cm	INTERNAL WALL THICKNESS mm	EXTERNAL WALL THICKNESS		WEIGHT Kg	ORIFICES i.e. manhole	Belts & standard brackets number
								BOTTOM mm	SHELL mm			
1 500	1 258	1 500	1,59	1,00	60	50	5	3	3	470	2 in 50x60	2
2 000	1 258	1 500	1,99	1,40	60	70	5	3	3	590	1 in 40x50	2
3 000	1 258	1 500	2,84	2,25	60	70	5	3	3	800	1 in 33x42	2
4 000	1 258	1 500	3,71	3,13	60	70	5	3	3	990	1 in 20x27	2
5 000	1 508	1 500	3,26	2,60	60	70	5	3	3	1110	1 in 20x27 at the center	2
6 000	1 508	1 500	3,89	3,23	60	70	5	3	3	1340		2
8 000	1 508	1 500	5,07	4,44	60	70	5	3	3	1695		3
10 000	1 508	1 500	6,19	5,56	60	70	5	3	3	1965		3
8 000	1 908	3 000	3,39	2,60	60	70	6	3	3	1695		2
10 000	1 908	3 000	4,04	3,25	60	70	6	3	3	1965		2
12 000	1 908	3 000	4,79	4,00	60	70	6	3	3	2270		3
15 000	1 908	3 000	5,83	5,04	60	70	6	3	3	2780		3
20 000	2 512	6 000	4,67	3,69	60	70	6	5	4	3500	2 in 80x90	2
25 000	2 512	6 000	5,69	4,70	60	70	6	5	4	4150		3
30 000	2 512	6 000	6,76	5,79	60	70	6	5	4	4850	4 in 50x60	3
40 000	2 512	6 000	8,78	7,80	60	70	6	5	4	6200	of which 1 at the center	4
50 000	2 512	6 000	10,75	9,77	60	70	6	5	4	7500		5
60 000	2 512	6 000	12,94	11,96	60	70	6	5	4	8900		6
70 000	2 512	6 000	14,97	13,98	60	70	6	5	4	10300		7
40 000	3 012	9 500	6,44	5,22	60	70	7	5	4	6180		3
50 000	3 012	9 500	7,74	6,52	60	70	7	5	4	7250		4
60 000	3 012	9 500	9,16	7,94	60	70	7	5	4	8480		4
80 000	3 012	9 500	12,10	10,88	60	70	7	5	4	10950		5
100 000	3 012	9 500	14,89	13,67	60	70	7	5	4	13980		6
120 000	3 012	9 500	17,77	16,59	60	70	7	5	4	17100		7

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SAVEL

Cylindrical aboveground double wall tanks (Endoprene coated)

European standard NF - EN 12285-2 (Class A) compliant



Quality guarantee for your double wall aboveground storage of domestic fuel or diesel

Options :

- Galvanized crinoline scale and access platform to the manhole
- Pre-equipped pipes

Petroleum tanks

Rectangular tanks

Cylindrical tanks

Equipped tanks

Accessories

Installation

NF EN 12285-2-CLASS A aboveground storage :
On free metal cradles, bolted, strengthened with rebates welded to the tank (option)

Compliance plate

Metallic, 0.75 bar liquid or 0.3 bar air proofing certificate for the DW tank and 0.4 bar liquid for the external envelope

Equipments

- European DN 600 x 720 manhole
- Safety device : space between walls filled with non-corrosive and non-toxic anti-freeze. Tank equipped with an indicator fluid leak detection system (optical and sonic alarm)
- Bi-component polyurethane external 500 micron coating applied hot after surface preparation

CAPACITY litres	DIAMETER cm	VOLUME PER COMPARTMENT litres	DIMENSION				INTERNAL WALL THICKNESS mm	EXTERNAL WALL THICKNESS		WEIGHT Kg	OPENINGS (manholes)	Strengthened cradles number (free, bolted and strapped)
			A m	B m	C cm	D cm		BOTTOM mm	SHELL mm			
1 500	1 258	1 500	1,59	1,00	60	50	5	3	3	470	2 in 50x60	2
2 000	1 258	1 500	1,99	1,40	60	70	5	3	3	590	1 in 40x50	2
3 000	1 258	1 500	2,84	2,25	60	70	5	3	3	800	1 en 33x42	2
4 000	1 258	1 500	3,71	3,13	60	70	5	3	3	990	1 in 20x27 in centre	2
5 000	1 508	1 500	3,26	2,60	60	70	5	3	3	1110		2
6 000	1 508	1 500	3,89	3,23	60	70	5	3	3	1340		2
8 000	1 508	1 500	5,07	4,44	60	70	5	3	3	1695		2
10 000	1 508	1 500	6,19	5,56	60	70	5	3	3	1965		2
8 000	1 908	3 000	3,39	2,60	60	70	6	3	3	1695		2
10 000	1 908	3 000	4,04	3,25	60	70	6	3	3	1965		2
12 000	1 908	3 000	4,79	4,00	60	70	6	3	3	2270		2
15 000	1 908	3 000	5,83	5,04	60	70	6	3	3	2780		2
20 000	2 512	6 000	4,67	3,69	60	70	6	4	4	3500	2 in 80x90	2
25 000	2 512	6 000	5,69	4,70	60	70	6	4	4	4150		2
30 000	2 512	6 000	6,76	5,79	60	70	6	4	4	4850	4 in 50x60 of which 1 in centre	2
40 000	2 512	6 000	8,78	7,80	60	70	6	4	4	6200		2
50 000	2 512	6 000	10,75	9,77	60	70	6	5	4	7500		2
60 000	2 512	6 000	12,94	11,96	60	70	6	5	4	8900		2
70 000	2 512	6 000	14,97	13,98	60	70	6	5	4	10300		2
40 000	3 012	9 500	6,44	5,22	60	70	7	4	4	6180		2
50 000	3 012	9 500	7,74	6,52	60	70	7	4	4	7250		2
60 000	3 012	9 500	9,16	7,94	60	70	7	4	4	8480		2
80 000	3 012	9 500	12,10	10,88	60	70	7	4	4	10950		2
100 000	3 012	9 500	14,89	13,67	60	70	7	4	4	13980		2
120 000	3 012	9 500	17,77	16,59	60	70	7	5	4	17100		2

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SINGLE WALL ABOVEGROUND CYLINDRICAL TANKS

(ENDOPRENE coated)

European standard NF - EN 12285-2 (Class A) compliant



* Illustrated coated with a RAL option over the endoprene

Quality guarantee for your single wall aboveground storage of domestic fuel or diesel

Options :

- Galvanized crinoline scale and access platform to the manhole
- Pre-equipped pipes

Petroleum storage tanks

Rectangular tanks

Cylindrical tanks

Equipped tanks

Accessories

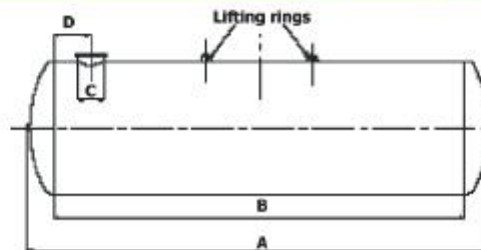
CAPACITY 1500 litres	DIAMETER cm	MINIMUM					THICKNESS mm	WEIGHT Kg	OPENINGS i.e. manholes	NUMBER of strengthened cradles (free - bolted) and belts
		VOLUME PER COMPARTMENT litres	DIMENSION A m	DIMENSION B m	DIMENSION C cm	DIMENSION D cm				
1 500	1 250	1 500	1,57	100	60	50	5	283	2 in 50x60	2
2 000	1 250	1 500	1,97	140	60	70	5	352	1 in 40x49	2
3 000	1 250	1 500	2,82	225	60	70	5	489	1 in 33x42	2
4 000	1 250	1 500	3,69	313	60	70	5	622	1 in 20x27 in center	2
5 000	1 500	1 500	3,24	260	60	70	5	675		2
6 000	1 500	1 500	3,87	323	60	70	5	799		2
8 000	1 500	1 500	5,05	444	60	70	5	894		2
10 000	1 500	1 500	6,17	556	60	70	5	1 052		2
8000	1 900	3 000	3,37	260	60	70	6	1 072		2
10 000	1 900	3 000	4,02	325	60	70	6	1 262		2
12 000	1 900	3 000	4,77	400	60	70	6	1 476		2
15 000	1 900	3 000	5,81	504	60	70	6	1 788		2
20 000	2 500	6 000	4,65	369	60	70	6	1 956	2 in 80x90	2
25 000	2 500	6 000	5,67	470	60	70	6	2 378		2
30 000	2 500	6 000	6,74	579	60	70	6	2 775	4 in 50x60 of which 1 in center	2
40 000	2 500	6 000	8,76	780	60	70	6	3 556		2
50 000	2 500	6 000	10,73	977	60	70	6	3 789		2
60 000	2 500	6 000	12,92	1196	60	70	6	4 446		2
70 000	2 500	6 000	14,95	1398	60	70	6	4 900		2
40 000	3 000	9 500	6,42	522	60	70	7	4 160		2
50 000	3 000	9 500	7,72	652	60	70	7	4 433		2
60 000	3 000	9 500	9,14	794	60	70	7	5 200		2
80 000	3 000	9 500	12,08	1 088	60	70	7	6 900		2
100 000	3 000	9 500	14,87	1 367	60	70	7	8 816		2
120 000	3 000	9 500	17,75	1 659	60	70	7	10 730		2

Installation

Aboveground : in a specific storage building with a retention container of which capacity is equal to the storage capacity
Outside, with a retention container of which capacity is equal to the storage capacity to be connected to the hydrocarbon separator

Equipment

- European DN 600 X 720 manhole
- External bi-component polyurethane 500 micron thick coating applied hot after surface preparation



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