

## **HORIZONTAL SEPTIC TANK**

**REF: CHC - FS**

### **Application:**

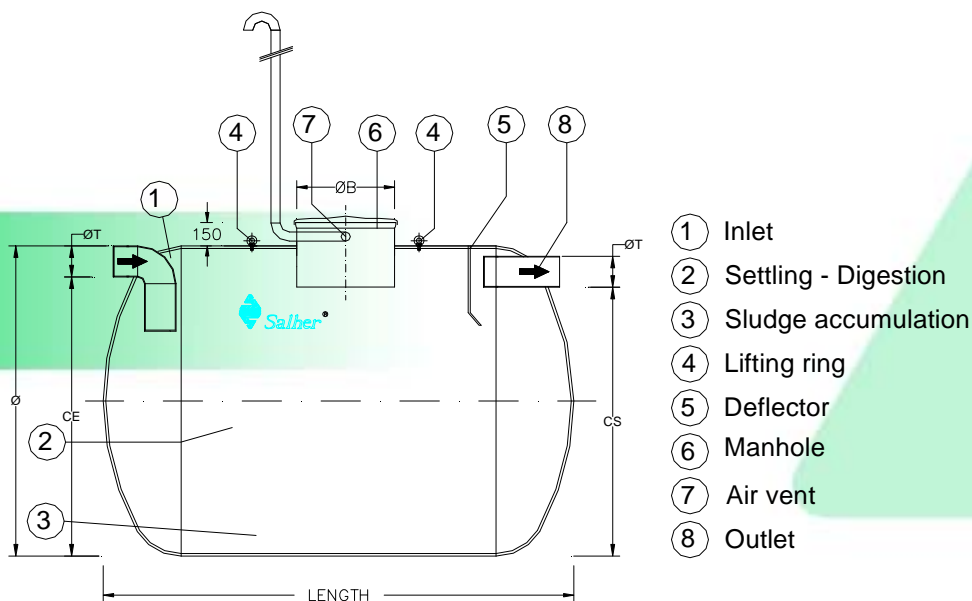
- Suspended solids (SS or MES) removal.

### **Characteristics:**

- Salher brand, model CHC-FS.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP) with orthophthalic resins in accordance with EN 12255-1 Standard.
- Suspended solids removal efficiency: 65-70%.
- Organic matter removal efficiency: 30-35% BOD<sub>5</sub>.
- Settling, anaerobic digestion and separation chambers.
- PVC inlet and outlet pipes.
- Cleaning through the access shaft with a GFRP cover. Access only for authorized operators.
- Outlet in the manhole to install a ventilation pipe.

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- ① Inlet
- ② Settling - Digestion
- ③ Sludge accumulation
- ④ Lifting ring
- ⑤ Deflector
- ⑥ Manhole
- ⑦ Air vent
- ⑧ Outlet

PE	CAPACITY [liters]	Ø [mm]	LENGTH [mm]	Ø MANHOLE [mm]	Ø PIPE [mm]	INLET [mm]	OUTLET [mm]
50	7.500	2.000	2.790	620	160	1.840	1.790
60	9.000	2.000	3.280	620	160	1.840	1.790
70	10.500	2.000	3.750	620	160	1.840	1.790
80	12.000	2.000	4.230	620	160	1.840	1.790
90	13.500	2.000	4.700	620	160	1.840	1.790
100	15.000	2.000	5.190	620	200	1.800	1.750
125	18.750	2.500	4.320	620	200	2.300	2.250
150	22.500	2.500	5.090	620	200	2.300	2.250
175	26.250	2.500	5.850	620	200	2.300	2.250
200	30.000	2.500	6.620	620	250	2.250	2.150
225	33.750	2.500	7.380	620	250	2.250	2.150
250	37.500	2.500	8.140	620	250	2.250	2.150
275	41.250	2.500	8.910	620	250	2.250	2.150
300	45.000	2.500	9.670	620	250	2.250	2.150
325	48.750	2.500	10.440	620	250	2.250	2.150
350	52.500	2.500	11.200	620	250	2.250	2.150
375	56.250	2.500	11.960	620	250	2.250	2.150
400	60.000	2.500	12.730	620	315	2.185	2.085
425	63.750	2.500	13.490	620	315	2.185	2.085
425	63.750	3.000	9.150	620	315	2.685	2.585
450	67.500	2.500	14.260	620	315	2.185	2.085
450	67.500	3.000	9.910	620	315	2.685	2.585
475	71.250	2.500	15.020	620	315	2.185	2.085
475	71.250	3.000	10.520	620	315	2.685	2.585
500	75.000	2.500	15.780	620	315	2.185	2.085
500	75.000	3.000	11.190	620	315	2.685	2.585
550	82.500	3.000	12.280	620	315	2.685	2.585
600	90.000	3.000	13.340	620	315	2.685	2.585
650	97.500	3.000	14.400	620	315	2.685	2.585
700	105.000	3.000	15.460	620	315	2.685	2.585
750	112.500	3.000	16.520	620	315	2.685	2.585
800	120.000	3.000	17.580	620	315	2.685	2.585
850	127.500	3.000	* 19.600	620	315	2.685	2.585
900	135.000	3.000	* 19.700	620	315	2.685	2.585
950	142.500	3.000	* 20.760	620	315	2.685	2.585
1.000	150.000	3.000	* 21.830	620	315	2.685	2.585