



# HENZE HARVESTORE®

[www.harvestore.de](http://www.harvestore.de)

STAHL IST UNSER METIER

seit 1959



## sewage



Henze-Harvestore GmbH  
Schmelzerstraße 17  
59425 Unna  
Germany

Phone: 0 23 03 - 9 61 23-0  
Fax: 0 23 03 - 9 61 23-23  
E-Mail: [info@harvestore.de](mailto:info@harvestore.de)



For more information, visit:

[www.harvestore.de](http://www.harvestore.de)



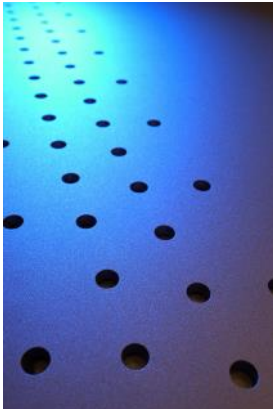
## Our product

### Steel is our business

With extensive know-how and high commitment, we work with bolted steel segments and equipment components.

With our wide array of services and product range we can offer almost any medium a suitable tank.

Used by us are enamelled steel, stainless steel in grades ASI 304 and ASI 316 or plain steel.



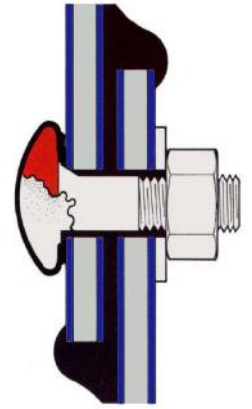
steel plate lasered and cleaned



enamel is burned in



checking of the enamel sheet



bolting / sealing of the segment sheets

## Applications industry and community



Drensteinfurt, 2020  
Digester,  
Volume: 659 m<sup>3</sup>



Heinsberg, 2019  
Tanks, Volume: 2x 188 m<sup>3</sup>, 138 m<sup>3</sup>  
and 246 m<sup>3</sup>



Beeskow, 2019  
Digester  
Volume: 1.611 m<sup>3</sup>



Veghel, Netherlands, 2014  
Sewage  
Volume: 1.255 m<sup>3</sup>



Leppe, 2019  
Leachate depot,  
Volume: 2x 264 m<sup>3</sup>



Mainz central treatment plant  
Low pressure gas depot 55 mbar  
Volume: 2,500 m<sup>3</sup> and 3,700 m<sup>3</sup>

## Tank volume list series 1400 (enamelled)

TYPE	Diam. (m)	Height (m)	PI./ Ring	5	10	15	20	25	30	35	40	45	50	55	60	65
				1,47	2,87	4,27	5,67	7,07	8,47	9,87	11,27	12,67	14,07	15,47	16,87	18,27
				1	2	3	4	5	6	7	8	9	10	11	12	13
11	3,41	4		13	26	39	52	64	77	90	103	115	128	141	154	166
14	4,27	5		21	41	61	81	101	121	141	161	181	201	221	241	261
17	5,12	6		31	60	90	119	148	178	207	237	266	295	325	354	384
20	5,98	7		41	80	120	159	198	237	276	316	355	394	433	472	512
22	6,83	8		54	106	158	210	262	313	365	417	469	521	572	624	676
25	7,68	9		68	132	196	261	325	390	454	518	583	647	712	776	840
28	8,54	10		84	164	243	323	403	483	563	642	722	802	882	962	1 041
31	9,39	11		101	198	295	391	488	584	681	778	874	971	1 067	1 164	1 261
34	10,24	12		121	235	350	465	580	695	809	924	1 039	1 154	1 269	1 383	1 498
36	11,10	13		143	278	414	550	686	822	957	1 093	1 229	1 365	1 501	1 636	1 772
39	11,95	14		165	321	478	635	792	949	1 105	1 262	1 419	1 576	1 733	1 889	2 046
42	12,81	15		190	370	551	731	912	1 093	1 273	1 454	1 634	1 815	1 996	2 176	2 357
45	13,66	16		216	422	628	833	1 039	1 245	1 451	1 657	1 862	2 068	2 274	2 480	2 686
48	14,51	17		243	474	705	936	1 167	1 398	1 629	1 860	2 091	2 322	2 553	2 784	3 015
50	15,37	18		273	534	794	1 055	1 315	1 575	1 836	2 096	2 357	2 617	2 877	3 138	3 398
53	16,22	19		304	594	884	1 174	1 463	1 753	2 043	2 333	2 623	2 912	3 202	3 492	3 782
56	17,07	20		337	657	978	1 298	1 619	1 940	2 260	2 581	2 901	3 222	3 543	3 863	4 184
59	17,93	21		370	723	1 076	1 429	1 782	2 134	2 487	2 840	3 193	3 546	3 898	4 251	4 604
62	18,78	22		407	795	1 183	1 571	1 958	2 346	2 734	3 122	3 510	3 897	4 285	4 673	5 061
64	19,64	23		445	870	1 294	1 718	2 142	2 566	2 991	3 415	3 839	4 263	4 687	5 112	5 536
67	20,49	24		485	947	1 409	1 871	2 333	2 795	3 257	3 719	4 181	4 643	5 105	5 567	6 029
70	21,34	25		526	1 027	1 529	2 030	2 531	3 032	3 533	4 035	4 536	5 037	5 538	6 039	6 541
73	22,20	26		569	1 111	1 652	2 194	2 736	3 278	3 820	4 361	4 903	5 445	5 987	6 529	7 070
76	23,05	27		613	1 197	1 781	2 364	2 948	3 532	4 116	4 700	5 283	5 867	6 451	7 035	
78	23,90	28		660	1 289	1 917	2 546	3 174	3 803	4 432	5 060	5 689	6 317	6 946	7 575	
81	24,76	29		707	1 380	2 054	2 727	3 401	4 074	4 747	5 421	6 094	6 768	7 441		
84	25,61	30		757	1 478	2 199	2 920	3 641	4 362	5 083	5 804	6 525	7 246	7 967		
87	26,46	31		809	1 579	2 349	3 119	3 889	4 659	5 429	6 199	6 969	7 739			
90	27,32	32		861	1 682	2 502	3 323	4 143	4 963	5 784	6 604	7 425	8 245			
92	28,17	33		916	1 788	2 660	3 532	4 405	5 277	6 149	7 021	7 893	8 766			
95	29,03	34		973	1 900	2 827	3 754	4 680	5 607	6 534	7 461	8 388				
98	29,88	35		1 030	2 012	2 993	3 975	4 956	5 937	6 919	7 900	8 882				
101	30,73	36		1 091	2 130	3 168	4 207	5 246	6 285	7 324	8 362	9 401				
104	31,59	37		1 152	2 250	3 348	4 445	5 543	6 640	7 738	8 836					
106	32,44	38		1 216	2 373	3 531	4 689	5 847	7 005	8 162	9 320					
109	33,29	39		1 279	2 497	3 715	4 933	6 151	7 369	8 587	9 805					
112	34,15	40		1 347	2 629	3 911	5 194	6 476	7 759	9 041	10 323					
115	35,00	41		1 414	2 761	4 108	5 455	6 801	8 148	9 495	10 842					
118	35,86	42		1 485	2 899	4 313	5 727	7 141	8 555	9 969						
120	36,71	43		1 555	3 036	4 518	5 999	7 480	8 961	10 442						
123	37,56	44		1 629	3 180	4 731	6 282	7 834	9 385	10 936						
126	38,42	45		1 704	3 326	4 949	6 572	8 194	9 817	11 439						
129	39,27	46		1 780	3 476	5 171	6 866	8 562	10 257	11 953						
132	40,12	47		1 858	3 628	5 397	7 167	8 936	10 706	12 476						
134	40,98	48		1 939	3 786	5 632	7 479	9 325	11 172							
137	41,83	49		2 020	3 943	5 867	7 791	9 714	11 638							
140	42,69	50		2 104	4 107	6 110	8 114	10 117	12 121							
143	43,54	51		2 189	4 273	6 358	8 443	10 527	12 612							
146	44,39	52		2 276	4 443	6 610	8 777	10 944	13 112							
148	45,25	53		2 364	4 615	6 866	9 117	11 369	13 620							

Tank models up to height of 40 m and diameter to 70 m on request

Starterring and the half sheet allows intermediate height

The tank type consists of the diameter and the height: e.g. type 5620 with the diameter 17,07 m and a height of 5,67 m

## Equipment components

An individual product requires special accessories. We have the best for your needs accessories:

- \* roofs gas-tight and odor-reducing - materials: stainless steel, fiberglass or PVC
- \* cone 35°, 45°, 60°, 70°
- \* steel construction: hatches, flanges, sight glasses, ladders, platforms, helical staircase, stair towers, running boards, clear water channels, special components
- \* gas specific equipment: pressure- / vacuum valves, ballast plate with telescopic guide, rental of lying gas storage
- \* concrete floor off: HDPE, stainless steel, coating, leak monitored soil
- \* thermal insulation, active and passive
- \* mixers, level measurements, machinery equipment

## Extras



Steelwork, helical staircases running boards



Pressure protection



Refurbishment gas depot

Stainless steel tanks and enamelled tanks can be supplied from 8-14.000 m<sup>3</sup>. The tank material is selected according to the ingredients of the medium to be stored. In most cases will be decided between trifusion, ASI 304 and ASI 316. Alternative stainless grades and enamelled grades are available.

## Quality certificates

- Object-related structural design, verifiable or verified
- Material certificates 3.1 pursuant to DIN EN 10 204
- MPA monitoring contract
- Certificate DIN EN 1090
- Leak test protocols
- Specialist company in accordance with Section 19 I WHG (German Water Resources Act)
- SCC certification
- DIBT building authority approvals



Slurry silos



Biogas



Tower silos



Gas holders