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STAHL IST UNSER METIER

seit 1959



Slurry silo



Henze-Harvestore GmbH
Schmelzerstraße 17
59425 Unna
Germany

Phone: +49 23 03 - 9 61 23-0
Fax: +49 23 03 - 9 61 23-23
E-Mail: info@harvestore.de



For more information, visit:
www.harvestore.de





Our product - durable and extendible

Enamelled or stainless steel – your choice!

Our slurry silos are made from enamelled steel or stainless steel. Our enamelling is durably resistant to slurry and digestates; this also applies to covered tanks.

For stainless steel, we use V2A, material 1.4301 (AISI 304) or, on request, V4A, material 1.4571 (AISI 316Ti) or 1.4404 (AISI 316L).

We construct our silos in a manner that facilitates subsequent extension if necessary. This gives our customers a high degree of flexibility for their operational development or in case of changes in legal framework conditions.



We offer two installation options: Complete installation by our team, or joint installation by one of our expert supervisors together with a pre-agreed proportion of in-house work by the customer.

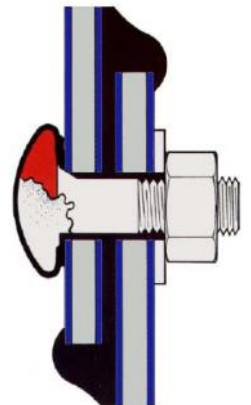
All tanks can be dismantled and thus relocated. This means our tanks maintain a resale value.

Our system



Individual segments are bolted together and sealed.

Stable bolt connections with PE caps and the durable elastic special sealing compound ensure a flexible and water-tight slurry silo.

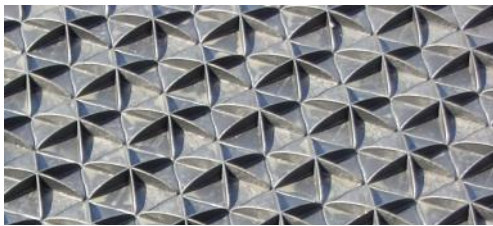


Covers

Emission control roof:

Covering the slurry silo with a simple roof membrane reduces odour and protects against precipitation.

- Roof cladding made of high-quality polyester webbing, reinforced at the centre, resting on tensioning straps towards the edge.
- Centre support made of hardwood, base plate of stainless steel, fasteners of stainless steel.
- Additional roof opening possible.
- We offer roof cladding in two colours: Grey or green.



Hexa-Cover Floating Covers:

Artificially applied floating covers for emission reduction, DLG-tested.



Covering with **double-membrane roof** for integration into a biogas plant.

Extras

We can be your convenient one-stop solution: Slurry silo, foundation, pumping and mixing technology, coverings, as well as all other accessories and components:



Filling and removal stations via or through the tank wall



Submersible agitator



Built-in agitator



Manhole

Our range of products and services is as diverse as your needs!

Sizes / dimensions / colours

- * Silo volumes from 200 m³ - 20,000 m³
- * Diameters from 3.41 - 70.00 m
- * Heights from 1.47 - 9.87 m

We build with enamelled steel and stainless steel.

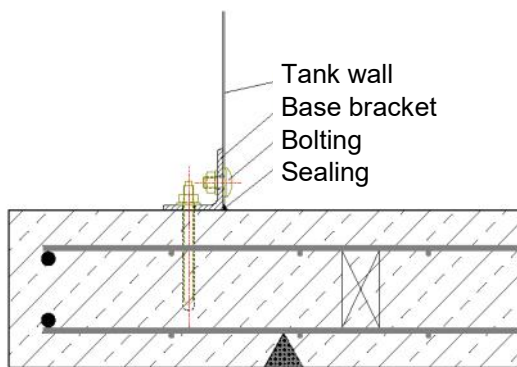
Standard enamel colours are:

1. Blue (cobalt blue, similar to RAL 5013)
2. Green (grey olive, similar to RAL 6006).

Foundation connection

The foundation connection design – which was developed by us and has been tried and tested for over 20 years – ensures the silo is durably and tightly connected to the foundation.

This design allows the silo to be detached from the foundation, enabling depth extension in order to increase volumes.



Excerpt from our tank volume list

TYPE	Ø (m)	Height PI./ ring	10	15	20	25	30
			2,87	4,27	5,67	7,07	8,47
			2	3	4	5	6
31	9,39	11	199	296	393	490	587
34	10,24	12	237	352	467	583	698
36	11,10	13	278	413	548	684	819
39	11,95	14	321	478	635	792	949
42	12,80	15	370	551	731	912	1.093
45	13,66	16	419	623	828	1.032	1.237
48	14,51	17	474	705	936	1.167	1.398
50	15,36	18	531	790	1.049	1.308	1.567
53	16,22	19	594	884	1.174	1.464	1.753
56	17,07	20	657	978	1.298	1.619	1.940
59	17,93	21	723	1.076	1.429	1.782	2.134
62	18,78	22	795	1.183	1.571	1.958	2.346
64	19,63	23	870	1.294	1.718	2.142	2.566
67	20,49	24	947	1.409	1.871	2.333	2.795
70	21,34	25	1.028	1.529	2.030	2.531	3.032
73	22,19	26	1.111	1.653	2.194	2.736	3.278
76	23,05	27	1.197	1.781	2.364	2.948	3.532
78	23,90	28	1.289	1.917	2.546	3.174	3.803
81	24,75	29	1.381	2.054	2.727	3.401	4.074
84	25,61	30	1.478	2.199	2.920	3.641	4.362
87	26,46	31	1.579	2.349	3.119	3.889	4.659
90	27,31	32	1.682	2.502	3.323	4.143	4.963
92	28,17	33	1.788	2.660	3.532	4.405	5.277
95	29,02	34	1.897	2.823	3.748	4.673	5.599
98	29,87	35	2.012	2.993	3.975	4.956	5.938
101	30,73	36	2.130	3.168	4.207	5.246	6.285
104	31,58	37	2.247	3.343	4.440	5.536	6.632
106	32,44	38	2.371	3.527	4.683	5.840	6.996
109	33,29	39	2.497	3.715	4.933	6.151	7.369
112	34,14	40	2.629	3.911	5.194	6.476	7.759
115	35,00	41	2.761	4.108	5.455	6.801	8.148

Fulfilling your desires is our top priority.

Ask us for more detailed information or visit our website: www.harvestore.de.

Please feel free to contact us. We are happy to provide you with a non-binding offer.

You can also find out more about our other products:



Biogas



Tower silos



Sewage



Gasholders

East Branch:

06780 Zörbig
Germany
Phone: +49 34604-319-0

North Branch:

23843 Rümpel
Germany
Phone: +49 4531-18907-0

Who to contact: