

# Water storage in silo

Genap



## Genap long panel silos

The Genap long panel silos are designed to be installed with only manual force. So without cranes or other equipment. The silo is modularly constructed of corrugated steel panels of at least 0.8 mm or 1.0 mm thickness. The panel length is 3.05 meters. The high tensile strength ( S 280 ) according to DIN - EN 101147 makes the silo robust and suitable for storage of liquids.

Genap silos are available in diameters ranging from 2 to 31 meters and heights ranging from 1.5 to over 4.5 meters. All steel panels are galvanized , but a special coating is available for more durability and long lasting protection against corrosion. This unique " Super Vinyl Thermoplastic " coating is known under the name of "Plastisol " and has a layer thickness of 200 microns on each side of the panels.

## Genap short panel silos

These short panel silos with a maximum panel length of 2.30 meters are specially designed to be loaded transversely in a truck or container so that transport efficiency is increased. Especially for export shipments this gives cost savings. With the exception of the diameters, all technical specifications are equal to the long Genap panel silos.

### Benefits:

- Great stability and mechanical strength .
- Easy installation with standardised installation drawings .
- Lower transport costs per unit due to 25% volume reduction (short - panels).
- Durability with lifetime expectancy above 10 years. Maximum durability with Plastisol coating; lifetime expectancy above 20 years.-
- Minimal maintenance costs.
- Reusable materials.
- ISO certified manufacturing

## Assortment long-panels

Diameter in (m)	Height in (m)	Silo volume (m³)
1,82	1,59	4
1,82	2,36	6
1,82	3,12	8
1,82	3,88	10
1,82	4,64	12
2,73	1,59	9
2,73	2,36	14
2,73	3,12	18
2,73	3,88	23
2,73	4,64	27
3,64	1,59	17
3,64	2,36	25
3,64	3,12	32
3,64	3,88	40
3,64	4,64	48
4,55	1,59	26
4,55	2,36	38
4,55	3,12	51
4,55	3,88	63
4,55	4,64	75
5,46	1,59	37
5,46	2,36	55
5,46	3,12	73
5,46	3,88	91
5,46	4,64	109
6,10	1,59	46
6,10	2,36	69
6,10	3,12	91
6,10	3,88	113
6,10	4,64	136
6,37	1,59	51
6,37	2,36	75
6,37	3,12	99
6,37	3,88	124
6,37	4,64	148
6,98	1,59	61
6,98	2,36	90
6,98	3,12	119
6,98	3,88	148
6,98	4,64	177
7,28	1,59	66
7,28	2,36	98
7,28	3,12	130
7,28	3,88	161
7,28	4,64	193
7,85	1,59	77
7,85	2,36	114
7,85	3,12	151
7,85	3,88	188
7,85	4,64	224

Diameter in (m)	Height in (m)	Silo volume (m³)
8,19	1,59	84
8,19	2,36	124
8,19	3,12	164
8,19	3,88	204
8,19	4,64	244
9,10	1,59	103
9,10	2,36	153
9,10	3,12	203
9,10	3,88	252
9,10	4,64	302
10,01	1,59	125
10,01	2,36	186
10,01	3,12	245
10,01	3,88	305
10,01	4,64	365
10,92	1,59	149
10,92	2,36	221
10,92	3,12	292
10,92	3,88	363
10,92	4,64	434
11,83	1,59	175
11,83	2,36	259
11,83	3,12	343
11,83	3,88	426
11,83	4,64	510
12,75	1,59	203
12,75	2,36	301
12,75	3,12	398
12,75	3,88	495
12,75	4,64	592
13,66	1,59	233
13,66	2,36	346
13,66	3,12	457
13,66	3,88	568
13,66	4,64	680
14,57	1,59	265
14,57	2,36	393
14,57	3,12	520
14,57	3,88	647
14,57	4,64	773
15,48	1,59	299
15,48	2,36	444
15,48	3,12	587
15,48	3,88	730

Diameter in (m)	Height in (m)	Silo volume (m³)
16,39	1,59	335
16,39	2,36	498
16,39	3,12	658
16,39	3,88	818
17,30	1,59	374
17,30	2,36	554
17,30	3,12	733
17,30	3,88	912
18,21	1,59	414
18,21	2,36	614
18,21	3,12	812
19,12	1,59	456
19,12	2,36	677
19,12	3,12	895
20,03	1,59	501
20,03	2,36	743
20,03	3,12	983
20,94	1,59	547
20,94	2,36	812
20,94	3,12	1074
21,85	1,59	596
21,85	2,36	884
21,85	3,12	1169
22,76	1,59	647
22,76	2,36	960
23,67	1,59	699
23,67	2,36	1038
24,58	1,59	754
24,58	2,36	1119
25,49	1,59	811
25,49	2,36	1204
26,40	1,59	870
26,40	2,36	1291
27,31	1,59	931
27,31	2,36	1382
28,22	1,59	994
28,22	2,36	1475
29,13	1,59	1059
29,13	2,36	1572
30,04	1,59	1126
30,04	2,36	1672
30,95	1,59	1196
30,95	2,36	1775

## Assortment short-panels

Diameter in (m)	Height in (m)	Silo volume (m <sup>3</sup> )
1,34	1,59	2
1,34	2,36	3
1,34	3,12	4
1,34	3,88	5
1,34	4,64	7
2,01	1,59	5
2,01	2,36	7
2,01	3,12	10
2,01	3,88	12
2,01	4,64	15
2,69	1,59	9
2,69	2,36	13
2,69	3,12	18
2,69	3,88	22
2,69	4,64	26
3,36	1,59	14
3,36	2,36	21
3,36	3,12	28
3,36	3,88	34
3,36	4,64	41
4,03	1,59	20
4,03	2,36	30
4,03	3,12	40
4,03	3,88	49
4,03	4,64	59
4,70	1,59	28
4,70	2,36	41
4,70	3,12	54
4,70	3,88	67
4,70	4,64	80
5,37	1,59	36
5,37	2,36	53
5,37	3,12	71
5,37	3,88	88
5,37	4,64	105
6,04	1,59	46
6,04	2,36	68
6,04	3,12	89
6,04	3,88	111
6,04	4,64	133
6,72	1,59	56
6,72	2,36	84
6,72	3,12	111
6,72	3,88	138
6,72	4,64	164
7,39	1,59	68
7,39	2,36	101
7,39	3,12	134
7,39	3,88	166
7,39	4,64	199
8,06	1,59	81
8,06	2,36	120
8,06	3,12	159
8,06	3,88	198
8,06	4,64	237
8,73	1,59	95
8,73	2,36	141
8,73	3,12	187
8,73	3,88	232
8,73	4,64	278

Diameter in (m)	Height in (m)	Silo volume (m <sup>3</sup> )
9,40	1,59	110
9,40	2,36	164
9,40	3,12	216
9,40	3,88	269
9,40	4,64	322
10,07	1,59	127
10,07	2,36	188
10,07	3,12	248
10,07	3,88	309
10,07	4,64	369
10,75	1,59	144
10,75	2,36	214
10,75	3,12	283
10,75	3,88	352
10,75	4,64	421
11,42	1,59	163
11,42	2,36	242
11,42	3,12	319
11,42	3,88	397
11,42	4,64	475
12,09	1,59	182
12,09	2,36	271
12,09	3,12	358
12,09	3,88	445
12,09	4,64	532
12,76	1,59	203
12,76	2,36	302
12,76	3,12	399
12,76	3,88	496
12,76	4,64	593
13,43	1,59	225
13,43	2,36	334
13,43	3,12	442
13,43	3,88	549
13,43	4,64	657
14,10	1,59	248
14,10	2,36	368
14,10	3,12	487
14,10	3,88	606
14,10	4,64	724
14,78	1,59	273
14,78	2,36	405
14,78	3,12	535
14,78	3,88	665
14,78	4,64	796
15,45	1,59	298
15,45	2,36	442
15,45	3,12	585
15,45	3,88	727
15,45	4,64	870
16,12	1,59	324
16,12	2,36	481
16,12	3,12	636
16,12	3,88	791
16,12	4,64	947
16,12	1,59	324
16,12	2,36	481
16,12	3,12	636
16,12	3,88	791
16,12	4,64	947

Diameter in (m)	Height in (m)	Silo volume (m <sup>3</sup> )
16,79	1,59	352
16,79	2,36	522
16,79	3,12	690
16,79	3,88	859
17,46	1,59	381
17,46	2,36	565
17,46	3,12	747
17,46	3,88	929
18,13	1,59	410
18,13	2,36	609
18,13	3,12	805
18,13	3,88	1002
18,81	1,59	442
18,81	2,36	655
18,81	3,12	867
18,81	3,88	1078
19,48	1,59	474
19,48	2,36	703
19,48	3,12	929
19,48	3,88	1156
20,15	1,59	507
20,15	2,36	752
20,15	3,12	994
20,82	1,59	541
20,82	2,36	803
20,82	3,12	1062
21,49	1,59	576
21,49	2,36	856
21,49	3,12	1131
22,16	1,59	613
22,16	2,36	910
22,16	3,12	1203
22,84	1,59	651
22,84	2,36	966
22,84	3,12	1278
23,51	1,59	690
23,51	2,36	1024
23,51	3,12	1278
24,18	1,59	730
24,18	2,36	1083
24,18	3,12	1433
24,85	1,59	771
24,85	2,36	1144
24,85	3,12	1513
25,52	1,59	813
25,52	2,36	1207
26,19	1,59	856
26,19	2,36	1271
26,87	1,59	901
26,87	2,36	1338
27,54	1,59	947
27,54	2,36	1405
28,21	1,59	993
28,21	2,36	1474
28,88	1,59	1041
28,88	2,36	1545
29,55	1,59	1090
29,55	2,36	1618
30,22	1,59	1140
30,22	2,36	1693
30,90	1,59	1192
30,90	2,36	1769