



# KOTZUR



## ON-GROUND SEALED GASTIGHT SILOS

### APPLICATION

- General Purpose Grain Storage
- Long term Grain Storage with phosphine or controlled atmosphere insect control.
- As a "hospital" silo for pest eradication of infested grain.
- Commercial grain storage system.
- Ask for further information on the importance of sealed silos in the drive to control insects and maintain grain free of chemical residue.

### FEATURES

- Factory manufactured components, assembled on site.
- Engineered and certified to Australian Standards and Codes.
- All galvanised construction.
- Kotzur Silos are manufactured to Silo Sealing Standard AS 2628 (Sealed to 5 minute half pressure decay standard).
- Pest eradication without chemical residue and risk of insect resistance.
- Bin is protected with high capacity of oil bath relief valve.
- Clean Design – no internal stiffeners.
- All structural seals use high quality, long lasting materials.
- Sight glass level indication (one in each 1100mm wall strake).
- External wall/roof ladder system for roof access
- Range of unload and sweep auger combinations to suit each application.
- Covered by Kotzur 5 year warranty.
- All silo models can be varied/modified to specific customer requirements

*See over for specifications....*



## SPECIFICATIONS

Effective July 2020

<b>GP 12 Series</b>	Capacity M <sup>3</sup>	Capacity Wheat <sup>(1)</sup> T	Max Load T <sup>(2)</sup>	Height to Centre M <sup>(3)</sup>	Height to Eave M <sup>(3)</sup>	Nom. Diameter M	Auger Length <sup>(4)</sup> M (ft)
GP 12-5	424	352	390	8.6	6.0	9.2	15.5 (51)
GP 12-6	496	412	456	9.7	7.1	9.2	17.4 (57)
GP 12-7	568	471	523	10.8	8.2	9.2	19.3 (63)
GP 12-8	640	531	589	11.9	9.3	9.2	21.2 (70)
GP 12-9	712	591	655	13.0	10.4	9.2	23.2 (76)
GP 12-10	784	651	721	14.1	11.5	9.2	25.1 (82)
GP 12-11	856	710	788	15.2	12.6	9.2	27.0 (89)
GP 12-12	928	770	854	16.3	13.7	9.2	28.9 (95)

  

<b>GP 15 Series</b>	Capacity M <sup>3</sup>	Capacity Wheat <sup>(1)</sup> T	Max Load T <sup>(2)</sup>	Height to Centre M <sup>(3)</sup>	Height to Eave M <sup>(3)</sup>	Nom. Diameter M	Auger Length <sup>(4)</sup> M (ft)
GP 15-6	797	661	733	10.0	7.1	11.4	18.6 (61)
GP 15-7	910	755	837	11.1	8.2	11.4	20.5 (67)
GP 15-8	1022	848	940	12.2	9.3	11.4	22.5 (74)
GP 15-9	1135	942	1044	13.3	10.4	11.4	24.4 (80)
GP 15-10	1247	1035	1147	14.4	11.5	11.4	26.3 (86)
GP 15-11	1360	1129	1251	15.5	12.6	11.4	28.2 (93)
GP 15-12	1472	1222	1354	16.6	13.7	11.4	30.2 (99)
GP 15-13	1583	1314	1456	17.7	14.8	11.4	31.4 (103)
GP 15-14	1696	1408	1560	18.8	15.9	11.4	N/A
GP 15-15	1809	1502	1664	19.9	17.0	11.4	N/A
GP 15-16	1922	1595	1768	21.0	18.1	11.4	N/A
GP 15-17	2035	1689	1872	22.1	19.2	11.4	N/A
GP 15-18	2148	1783	1976	23.2	20.3	11.4	N/A

  

<b>GP 18 Series</b>	Capacity M <sup>3</sup>	Capacity Wheat <sup>(1)</sup> T	Max Load T <sup>(2)</sup>	Height to Centre M <sup>(3)</sup>	Height to Eave M <sup>(3)</sup>	Nom. Diameter M	Auger Length <sup>(4)</sup> M (ft)
GP 18-5	1019	846	938	9.7	6.0	13.7	18.0 (60)
GP 18-6	1181	980	1087	10.8	7.1	13.7	19.9 (66)
GP 18-7	1343	1115	1236	11.9	8.2	13.7	21.8 (72)
GP 18-8	1505	1249	1385	13.0	9.3	13.7	23.7 (78)
GP 18-9	1667	1384	1534	14.1	10.4	13.7	25.6 (84)
GP 18-10	1829	1518	1683	15.2	11.5	13.7	27.5 (90)
GP 18-11	1991	1652	1832	16.3	12.6	13.7	29.5 (97)
GP 18-12	2153	1787	1981	17.4	13.7	13.7	31.4 (103)
GP 18-13	2315	1921	2130	18.5	14.8	13.7	33.3 (109)



**SPECIFICATIONS**  
Effective July 2020.

<b>GP 20 Series</b>	Capacity M <sup>3</sup>	Capacity Wheat <sup>(1)</sup> T	Max Load T <sup>(2)</sup>	Height to Centre M <sup>(3)</sup>	Height to Eave M <sup>(3)</sup>	Nom. Diameter M	Auger Length <sup>(4)</sup> M (ft)
GP 20-10	2258	1874	2077	16.0	11.5	15.2	28.8 (94)
GP 20-11	2457	2040	2261	17.1	12.6	15.2	30.78 (101)
GP 20-12	2657	2205	2444	18.2	13.7	15.2	32.76 (107)
GP 20-13	2856	2370	2628	19.3	14.8	15.2	N/A
GP20-14	3055	2536	2811	20.4	15.9	15.2	N/A
GP 20-15	3255	2701	2994	21.5	17.0	15.2	N/A
GP 20-16	3454	2867	3178	22.6	18.1	15.2	N/A
GP 20-17	3653	3032	3361	23.7	19.2	15.2	N/A
GP 20-18	3853	3198	3545	24.8	20.3	15.2	N/A
GP 20-19	4052	3363	3728	25.9	21.4	15.2	N/A
GP 20-20	4251	3529	3911	27.0	22.5	15.2	N/A
<b>GP 22 Series</b>	Capacity M <sup>3</sup>	Capacity Wheat <sup>(1)</sup> T	Max Load T <sup>(2)</sup>	Height to Centre M <sup>(3)</sup>	Height to Eave M <sup>(3)</sup>	Nom. Diameter M	Auger Length <sup>(4)</sup> M (ft)
GP 22-10	2777	2304	2555	16.4	11.5	16.7	29.5 (97)
GP 22-11	3020	2506	2778	17.5	12.6	16.7	31.4 (103)
GP 22-12	3262	2707	3000	18.6	13.7	16.7	33.3 (109)
GP 22-13	3504	2908	3224	19.7	14.8	16.7	N/A
GP 22-14	3746	3110	3447	20.8	15.9	16.7	N/A
GP 22-15	3989	3311	3670	21.9	17.0	16.7	N/A
GP 22-16	4231	3512	3892	23.0	18.1	16.7	N/A
GP 22-17	4473	3713	4115	24.1	19.2	16.7	N/A
GP 22-18	4716	3913	4338	25.2	20.3	16.7	N/A
GP 22-19	4959	4116	4562	26.3	21.4	16.7	N/A
GP 22-20	5202	4317	4786	27.4	22.5	16.7	N/A

1. Wheat capacity based on typical consolidated/compacted bulk density in silo.
2. Max. Load based on engineering design for wheat at 920kg/m<sup>3</sup> - this load will vary for products with differing properties.
3. Overall height allows for 400mm concrete height – this will vary with unloader options.
4. Auger lengths are indicative only and are based on 35° angle. As differing auger brands elevate to different angles, always check individual auger height.



## COMMERCIAL AND SPECIAL REQUIREMENTS

The Company has a range of non-standard options and variations for specific applications. These include;

- Range of unloader size and duty cycle designs.
- Roof loads to carry conveyors.
- Designs for high wind and seismic regions..
- Storage of products other than grain.
- Design and construct of integrated storage and conveying systems.
- Custom size/geometry silos

