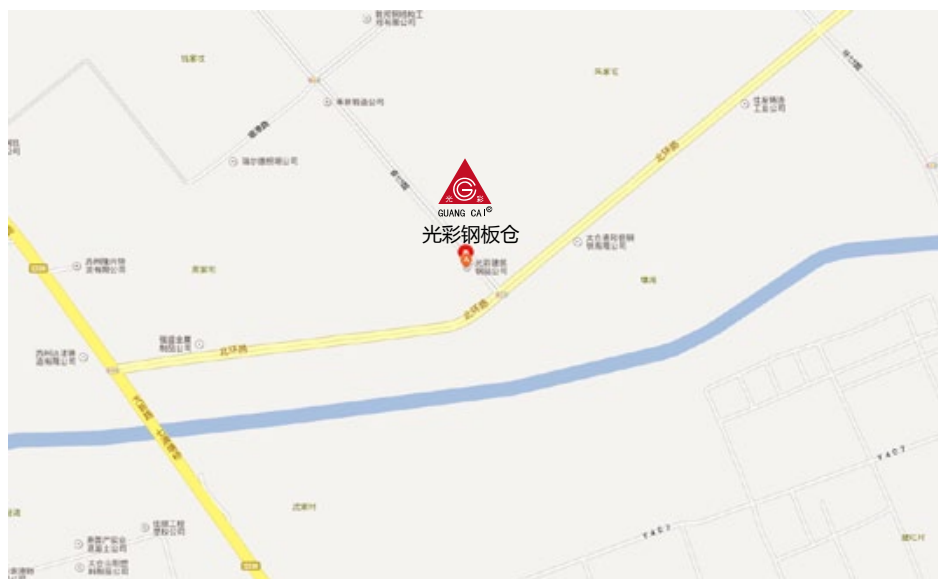




我的未来



苏州光彩钢板仓有限公司
SUZHOU GUANGCAI STEEL SILO CO.,LTD.



ADD : NO.1 shenjiang road, Taicang Port Development Zone, jiangsu

TEL : 0086-512--53377206 53377600 53377601

Mobile : 0086-13395108988

FAX : 0086-512--53377603

Website : www.gcsilo.com

E-mail:18921109801@163.com



GCS

SINCE 2015

Scientific Storage, Advanced Technology

1 | Production Base



Office



Production Workshop



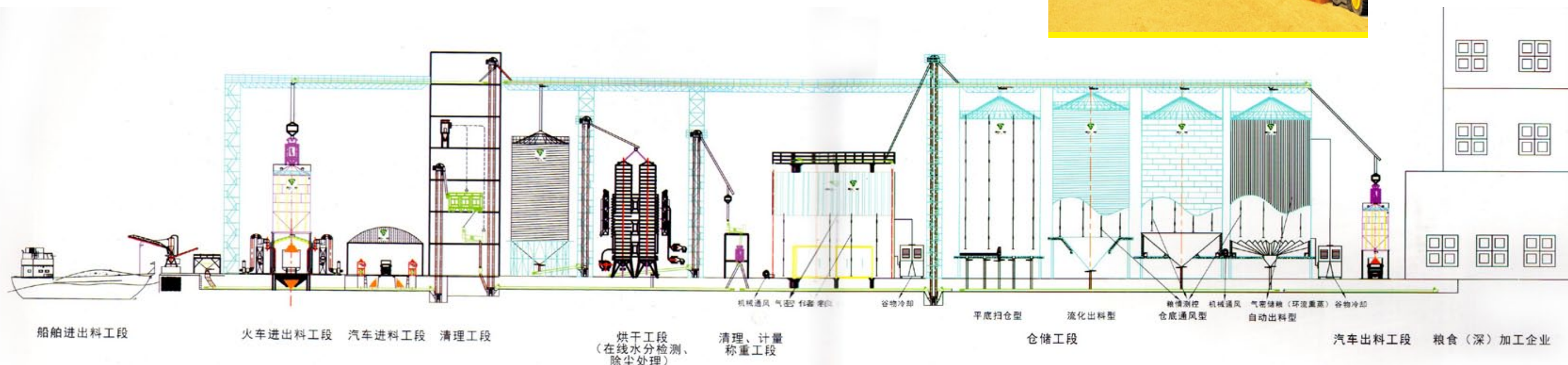
Work-in-progress



2 | Steel Silo Solutions



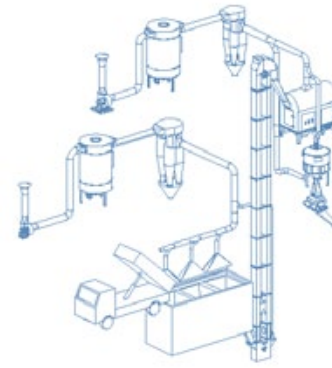
The company can produce flat-bottom and conical bottom steel plate vertical silos with diameters ranging from 1.8 meters to 32 meters and single storage capacities from 5 tons to 15,000 tons ; at the same time, we produce bucket elevators, scraper conveyors, belt conveyors and other supporting equipment for the grain storage industry. The products are widely applicable to industries such as grains, oils, feeds, seeds, alcohol, and chemicals, and have become ideal equipment for storing granular and powdered materials.



3.0 Project Design Capability

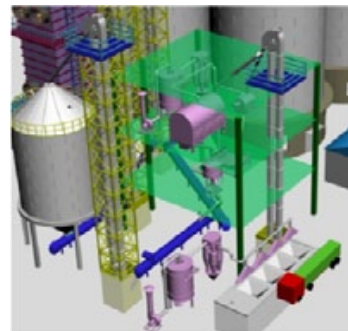
Material Receiving System

- Provide professional design based on the frequency of customer's material receiving, the intensity of material handling, and the loading capacity of incoming vehicles.
- The intake system is optionally equipped with centralized vacuum and dust separation, intake dust separation filter, or not choose the auxiliary vacuum system.
- The intake grids are optionally designed to allow vehicles on or not, or to install the cargo unloading hydraulic flip plate.



Cleaning System

- Different pre-cleaning systems are designed for different materials, such as grains, paddy, wheat, maize, vegetable seed and etc.
- The type of cleaning equipment is selected according to impurity features, granular size and weight.
- Multi-cleaning process can be selected based on the content of impurities.
- Equipped with vacuum and dust separation, dust collective hopper etc.



Integrated Silo System

- Design the layout reasonably based on the size of the customer's site and the logistic direction.
- Design the material flow system reasonably based on how many varieties of the customer's storage materials, single or multiple.
- Design the material discharge method, ventilation system, and temperature measurement system reasonably according to customer's regional differences.
- Select the diameter-to-height ratio and silo type reasonably according to the actual situation to maximize the economic benefits for end user.



Turnkey Silo Solution

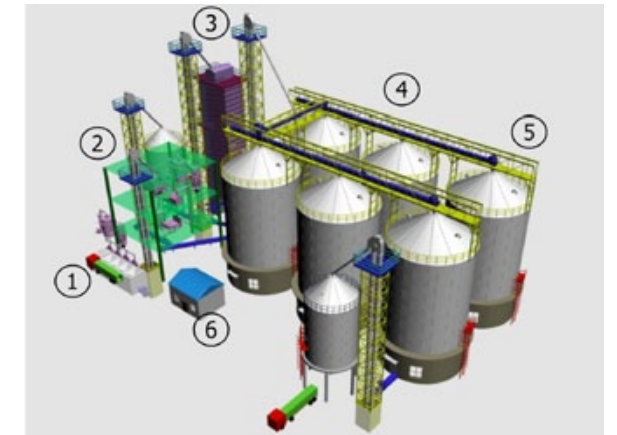
- Have the professional capability to provide the turnkey silo solution with the integrated processes of material intake, pre-cleaning, dust separation, conveying, drying, technological storage, packaging, and delivery.
- Reasonable structural design, with adoption of 3D design, high visualization, and efficient and effective project execution.
- Provide FREE project consulting service, multiple solutions available for project negotiation, reasonable supervision on project implementation, considerable and professional after-sales service.



Turnkey Project Solution Provider 3.1

Material Receiving System

1. Intake
2. Pre-Cleaning
3. Drying
4. Steel Silo System
5. Conveying
6. Electrical Control
7. Installation



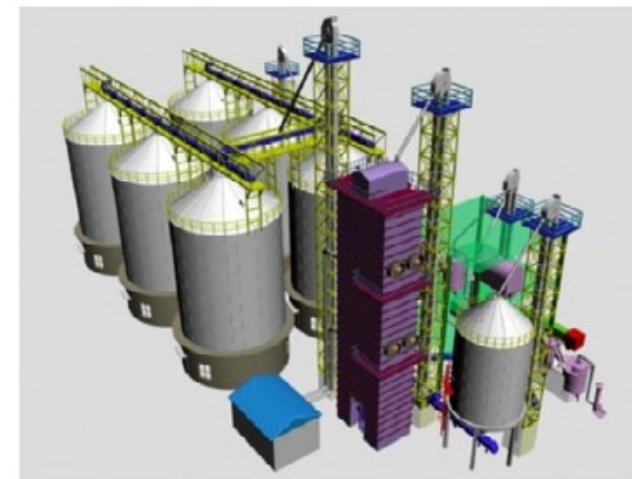
Grain Storage Turnkey Solution Service Provider



GUANGCAI SILO

1. Specialized Manufacturer for Steel Silos

Domestic advanced production line for steel silo sheets, stiffeners, roof panels and etc; 10-12,000 tons steel silo components and parts with allied systems.

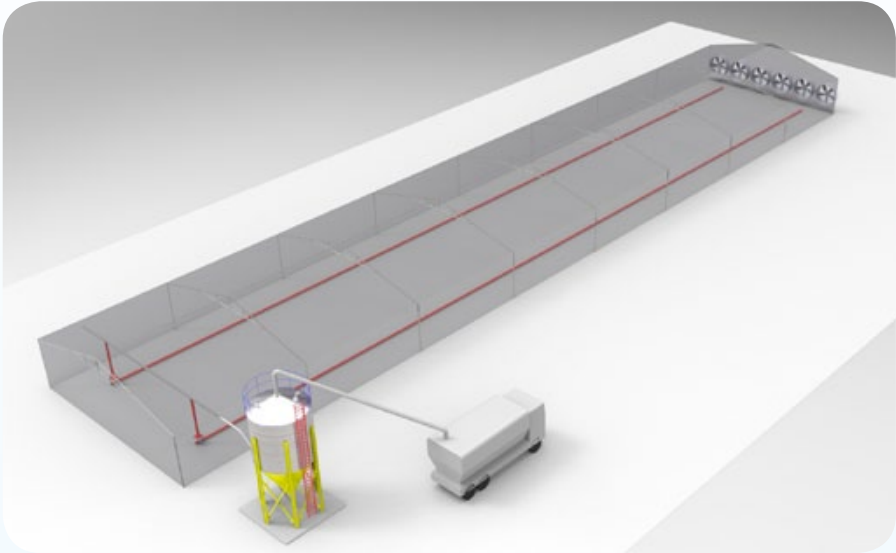


2. Turkey Solution Service Provider

World-class engineering service team: provide clients with project consulting, planning, equipment selection, project implementation as a turnkey service.



3.2 Feed Silo



Feeding Farm

- 1.Bulk Feed Truck
- 2.Feed Silo
- 3.Spring Feed Pipe
- 4.Feed Tray



Feed Silo Parameter Table (60° Cone)

Series	Silo Capacity (m3)	Cylinder Height (mm)	Roof Angle (°)	Bottom Angle (°)	Silo Diameter (mm)	Outlet Diameter (mm)	To Ground Height (mm)	Columns (pcs)	Silo Sheets (No.)		
									960×1120	1920×1120	2880×1120
φ0.9 Series (φ917mm)											
φ 0.9×10	0.95	2665	25°	60°	φ 600	φ 450	850	3			
φ 0.9×20	1.7	3785									
φ 0.9×30	2.4	4905									
φ1.2 Series (φ1222mm)											
φ 1.5×10	3.0	3335	25°	60°	φ 600	φ 450	850	5	1	2	
φ 1.5×20	5.0	4455									
φ 1.5×30	7.0	5575									
φ1.5 Series (φ1528mm)											
φ 1.8×10	4.7	3670	25°	60°	φ 600	φ 450	850	4			2
φ 1.8×20	7.7	4790									
φ 1.8×30	10.6	5910									
φ1.8 Series (φ1833mm)											
φ 1.8×10	4.7	3670	25°	60°	φ 600	φ 450	850	4			2
φ 1.8×20	7.7	4790									
φ 1.8×30	10.6	5910									
φ2.1 Series (φ2139mm)											
φ 2.1×10Z	6.8	4005	25°	60°	φ 600	φ 450	850	7		2	1
φ 2.1×20Z	10.8	5125									
φ 2.1×30Z	14.8	6245									
φ 2.1×40Z	19	7365									
φ2.4 Series (φ2445mm)											
φ 2.4×10Z	9.4	4340	25°	60°	φ 600	φ 450	850	8		1	2
φ 2.4×20Z	14.7	5460									
φ 2.4×30Z	19.9	6580									
φ 2.4×40Z	25.2	7700									
φ2.7 Series (φ2750mm)											
φ 2.7×10Z	12.6	4675	25°	60°	φ 600	φ 450	850	6			3
φ 2.7×20Z	19.2	5795									
φ 2.7×30Z	25.9	6915									
φ 2.7×40Z	32.5	8035									
φ3.0 Series (φ3056mm)											
φ 3.0×10Z	16.4	5010	25°	60°	φ 600	φ 450	850	10		5	
φ 3.0×20Z	24.6	6130									
φ 3.0×30Z	32.8	7250									
φ 3.0×40Z	41	8370									
φ3.6 Series (φ3667mm)											
φ 3.6×10Z	26.0	5680	25°	60°	φ 600	φ 450	850	8			4
φ 3.6×20Z	37.8	6800									
φ 3.6×30Z	49.6	7920									
φ 3.6×40Z	61.4	9040									



3.3 Spiral Steel Silo

Spiral Steel Silo Features:

1.Excellent Sealing Performance

Five-ring spiral edges have a very tight interlocking, ensuring good airtightness. It can be used as a silo for fumigation or for storing construction materials like cement. The spiral seam is embedded with sealing glue, allowing it to store liquid materials such as wastewater.

2.Better Space Utilization

The height and diameter can be flexibly chosen within a wide range, which makes full use of space and reducing the area occupied.

3.Durability and Longevity

The silo body is made of hot-dip galvanized steel sheet, and the top roof is entirely treated with galvanizing process to get a strong corrosion resistance. The silo body material is selected with the best sheet ratio to ensure a normal lifespan of 20-25 years.

4.Short Construction Period

Spiral silos are constructed on-site with a high degree of mechanization, which results in a short construction time. This allows the silos to be put into use as soon as possible to create economic benefits for end users.



3.4 Insulation Steel Silo

Insulation Steel Silo Features:

1.Thermal Insulation

The gradient change of temperature inside the silo is lower than that outside the silo, so it effectively provides insulation and prevents condensation.

2.Safe Grain Storage

Low-temperature grain storage maintains the stability and quality of grain, and effectively extends the safe storage time. It can be widely applied to malt in long-term storage in various grain warehouses.

3.Low Cost and Short Construction Period

The insulation silo is installed with an insulation layer at the outside of silo wall. Compared with concrete silos, it has a much lower cost and a shorter construction period, which allows customers to put it into use in a timely manner.

Technical Specification List of GUANGCAI Spiral Steel Silo

capacity (M) 3	SiloDia(M)																							
	φ2.5	φ3	φ3.5	φ4	φ4.5	φ5	φ5.5	φ6	φ6.5	φ7	φ8	φ9	φ10	φ11	φ12	φ13	φ14	φ15	φ16	φ18	φ20	φ22	φ23	φ24
	silohight(M)																							
10	2	1.4																						
20	4	2.8	2.1																					
30	6.1	4.3	3.1	2.4																				
50	10.2	7.1	5.2	4	3.2																			
100		14.2	14	8	6.3	5.1	4.2																	
200			20.8	16	12.6	10.2	8.4	7.1	6.1															
300					18.9	15.3	12.6	10.6	9.1	7.8														
400						20.4	16.8	14.2	12.1	10.4	8													
500							21.1	17.7	15.1	13	10	7.9												
600							25.3	21.2	18.1	15.6	11.3	9.4	7.6											
800								28.3	24.1	20.8	15.9	12.6	10.2	8.4										
1000									26	19.9	15.7	12.7	10.5	8.8										
1250										24.8	19.6	15.9	13.2	11.1	9.4									
1500											23.6	19.1	15.8	13.3	11.3	9.7								
2000												25.5	21.1	17.7	15.1	13	11.3							
2500													26.3	22.1	18.8	16.2	14.2	12.4						
3000														26.5	22.6	19.5	17	15						
3500															26.4	22.7	19.8	17.4	13.8					
4000																26	22.6	19.9	15.7					
4500																	29.2	25.5	22.4	17.7	14.3			
5000																		28.9	24.9	19.7	15.9			
5500																			27.4	21.6	17.5	14.5		
6000																			29.8	23.6	19.1	15.8	14.5	13.3
7000																				27.5	22.3	18.4	16.9	15.5
8000																					25.5	21	19.3	17.7
9000																						23.7	21.7	19.9

3.5 Allied Silo Equipment & Systems

Bucket Elevator

- Either a low-speed or high-speed elevator is available to choose.
- Light but strong strength buckets; low belt elongation rate.
- Optional selection for speed measurement and deviation correction devices based on customer requirements.
- The machine barrel is made roll-formed steel plate in the production line, with high strength, and can be optionally galvanized.



Scraper Conveyor

- The chain is made of manganese steel plate, which has strong strength and a long service life.
- Can achieve multi-point material intake and multi-point material discharge.
- Low operating noise, small operating power.



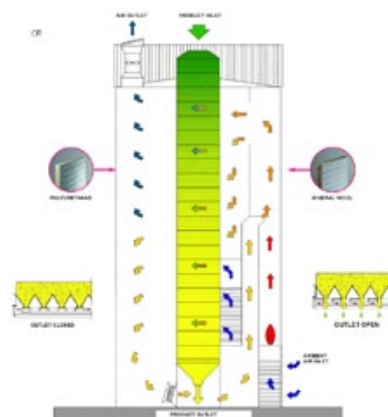
Batch Circular Dryer

- Deal dryer for paddy drying.
- Capacity available ranges from 10~100 tons/batch.
- Utilization flexibility is high as a single unit, applicable to various grains of different humidity; combined drying group improves drying capacity.



Continuous Flow Dryer Tower

- Priority choice for corn drying, bulk drying requirement for big enterprises.
- Drying capacity: 100-2,000 tons/day.
- Applicable in the cases which the materials have high humidity, and ideal for bulk raw grain production enterprise to concern.



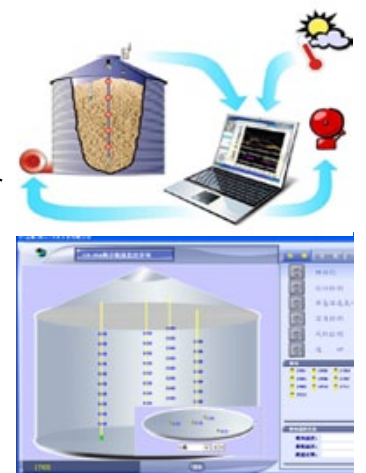
Ventilation Type Selection



- Silo storage is affected by factors such as season changes, day-night temperature fluctuation, grain respiration and etc., which drives grain to secrete water, inner wall condensation.
- Hopper bottom silos use a circular air grids for ventilation and flat bottom silos use a fan to blow air into the ventilation slot for ventilation.

Temperature Monitoring System

- Grain is alive and it respire inside a silo.
- Any type of storage could not improve grain quality. Beside, human hardly enter into the silo, making the monitoring process difficult. Partial changes in grain quality accelerate its entire deterioration.
- The conventional method is to install temperature-measuring cables inside the silo, and the computer screens to analyses grain status changes, so as to control the ventilation strength and frequency.



Material Level Monitoring

- Level detector/sensor includes: capacitive, rotating paddle and radar types.
- They are used to measure the height of two rings or to warn the safe grain level. It be installed on the roof, bottom and wall, with the function of interlocking signal generating device for realizing the monitoring of material receiving and discharging.
- We could provide on-line temperature and moisture measuring system to monitor the grain.



Electronic Control System



- Guangcai Silo provides clients with on-site control cabinets or centralized control rooms.
- PLC or touch screen (HMI) is available upon clients' requests.
- Highly automation control oriented, and user-friendly Human-Machine Interface (HMI).

Cylindrical Drum Pre-cleaner

- Used for pre-cleaning after receiving the grain, cleaning of big impurity (granular material) to ensure the stable operation of the subsequent equipment.
- Unit energy consumption is low, with compact structure, small space occupation, easy installation, easy maintenance and etc.
- Appropriate sieve holes can be selected according to different materials, and it is convenient to change the mesh.



Double-Deck Cylindrical Drum Pre-cleaner

- Used for raw material cleaning, equipped with inner and exterior sieve, simultaneously remove both large and small impurities.
- Appropriate inside and outside sieve holes can be selected according to different materials.
- With the assistance of a fan, it can remove the dust generated during the process, and the comprehensive cleaning effect is good.



Dust Collector

- Dust collector is environment-friendly equipment, used for single-point dust removal or centralized dust removal.
- Dust collector filters the dust in the air, and suck up the dust generated by the dust-raising points.
- Stable performance, effective dust-cleaning, long life endurance of the filter bag.



Vibrating Sieve

- Low noise, stable operation, energy efficiency, tightly sealed to prevent dust emission.
- Equipped with a vertical air channel to separate dust, husks, and other light impurities.



Belt Conveyor

- Long conveying distance, and large capacity.
- Low breakage rate of grains.



Project Cases | 4.0



Grain Logistic Center



Feed Mill

Pursuance of Excellence and Quality



Flour Mill



Rice Mill

4.1 Classic Project Cases



GUANGCAI Silo - Development Concept

- "GUANGCAI Silo" persists in continuous technical innovation, aligning with quality assurance, service quality and credibility, so as to facilitate our progress toward the industrialization.



- "GUANGCAI Silo" is oriented by Corporate Social Responsibility (CSR) and High Value Brand, based on differentiated competition, for the purpose of value addition, to coordinate the competitive strategies for various tasks such as procurement, manufacturing, research and development, quality control and marketing.
- Our Concept: Technical Innovation, Pursuance of Perfection, Quality First and Credit First.



8 | Steel Silo Sheet

Cone-Bottom Steel Silo Volume Table

[4.5 series] (φ4584mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK04505	112	5	5.655	10.016	82	62	84	80
TCZK04506	131		6.775	11.136	96	72	98	93
TCZK04507	150		7.895	12.256	110	83	113	107
TCZK04508	169		9.015	13.376	123	93	127	120
TCZK04509	188		10.135	14.496	137	103	141	133
TCZK04510	207		11.255	15.616	151	114	155	147

[5.5 series] (φ5500mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK05505	166	6	5.655	10.685	121	91	125	118
TCZK05506	193		6.775	11.805	141	106	145	137
TCZK05507	220		7.895	12.925	161	121	165	156
TCZK05508	247		9.015	14.045	180	136	185	175
TCZK05509	274		10.135	15.165	200	151	206	195
TCZK05510	301		11.255	16.285	220	166	226	214
TCZK05511	328		12.375	17.405	239	180	246	233
TCZK05512	355		13.495	18.525	259	195	266	252

[6.4 series] (φ6417mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK06405	234	7	5.655	11.36	171	129	176	166
TCZK06406	270		6.775	12.48	197	149	203	192
TCZK06407	306		7.895	13.6	223	168	230	217
TCZK06408	342		9.015	14.72	250	188	257	243
TCZK06409	378		10.135	15.84	276	208	284	268
TCZK06410	414		11.255	16.96	302	228	311	294
TCZK06411	450		12.375	18.08	329	248	338	320
TCZK06412	486		13.495	19.2	355	267	365	345
TCZK06413	522		14.615	20.32	381	287	392	371
TCZK06414	558		15.735	21.44	407	307	419	396
TCZK05512	355		13.495	18.525	259	195	266	252

[7.3 series] (φ7334mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK07305	315	8	5.655	12.03	230	173	236	224
TCZK07306	362		6.775	13.15	264	199	272	257
TCZK07307	409		7.895	14.27	299	225	307	290
TCZK07308	456		9.015	15.39	333	251	342	324
TCZK07309	503		10.135	16.51	367	277	377	357
TCZK07310	550		11.255	17.63	402	303	413	391
TCZK07311	597		12.375	18.75	436	328	448	424
TCZK07312	644		13.495	19.87	470	354	483	457
TCZK07313	691		14.615	20.99	504	380	518	491
TCZK07314	738		15.735	22.11	539	406	554	524
TCZK07315	785		16.855	23.23	573	432	589	557
TCK07316	832		17.975	24.35	607	458	624	591

Explanations: Please choose your silo type in accordance with silo capacity and storage materials, we will provide engineering design based on customers' site size and processing requirements.

[8.2 series] (φ8250mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK08208	590	9	9.015	16.065	431	325	443	419
TCZK08209	650		10.135	17.185	475	358	488	462
TCZK08210	710		11.255	18.305	518	391	533	504
TCZK08211	770		12.375	19.425	562	424	578	547
TCZK08212	830		13.495	20.545	606	457	623	589
TCZK08213	890		14.615	21.665	650	490	668	632
TCZK08214	950		15.735	22.785	694	523	713	675
TCZK08215	1010		16.855	23.905	737	556	758	717
TCZK08216	1070		17.975	25.025	781	589	803	760
TCZK08217	1130		19.095	26.145	825	622	848	802

[9.1 series] (φ9167mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK09108	743	10	9.015	16.735	542	409	557	528
TCZK09109	817		10.135	17.855	596	449	613	580
TCZK09110	891		11.255	18.975	650	490	668	633
TCZK09111	965		12.375	20.095	704	531	724	685
TCZK09112	1039		13.495	21.215	758	571	779	738
TCZK09113	1113		14.615	22.335	812	612	835	790
TCZK09114	1187		15.735	23.455	867	653	890	843
TCZK09115	1261		16.855	24.575	921	694	946	895
TCZK09116	1335		17.975	25.695	975	734	1001	948
TCZK09117	1409		19.095	26.815	1029	775	1057	1000

[10.0 series] (φ10084mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCZK10009	1006	11	10.135	18.528	734	553	755	714
TCZK10010	1095		11.255	19.648	799	602	821	777
TCZK10011	1184		12.375	20.768	864	651	888	841
TCZK10012	1273		13.495	21.888	929	700	955	904
TCZK10013	1362		14.615	23.008	994	749	1022	967
TCZK10014	1451		15.735	24.128	1059	798	1088	1030
TCZK10015	1540		16.855	25.248	1124	847	1155	1093
TCZK10016	1629		17.975	26.368	1189	896	1222	1157
TCZK10017	1718		19.095	27.488	1254	945	1289	1220
TCZK10018	1807		20.215	28.608	1319	994	1355	1283
TCZK10019	1896		21.335	29.728	1384	1043	1422	1346
TCZK10020	1985		22.455	30.848	1449	1092	1489	1409

[11.0 series] (φ11001mm 45°)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK11010	1325	12	11.255	20.32	967	729	994	941
TCK11011	1432		12.375	21.44	1045	788	1074	1017
TCK11012	1539		13.495	22.56	1123	846	1154	1093
TCK11013	1646		14.615	23.68	1202	905	1235	1169
TCK11014	1753		15.735	24.8	1280	964	1315	1245
TCK11015	1860		16.855	25.92	1358	1023	1395	1321
TCK11016	1967		17.975	27.04	1436	1082	1475	1397
TCK11017	2074		19.095	28.16	1514	1141	1556	1473
TCK11018	2181		20.215	29.28	1592	1200	1636	1549
TCK11019	2288		21.335	30.4	1670	1258	1716	1624
TCK11020	2395		22.455	31.52	1748	1317	1796	1700

Flat-Bottom Steel Silo Volume Table

[4.5 series] (φ4584mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK04505	99	5	5.655	6.72	72	54	74	70
TCK04506	118		6.775	7.84	86	65	89	84
TCK04507	137		7.895	8.96	100	75	103	97
TCK04508	156		9.015	10.08	114	86	117	111
TCK04509	175		10.135	11.2	128	96	131	124
TCK04510	194		11.255	12.32	142	107	146	138

[5.5 series] (φ5500mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK05505	145	6	5.655	6.935	106	80	109	103
TCK05506	172		6.775	8.055	126	95	129	122
TCK05507	199		7.895	9.175	145	109	149	141
TCK05508	226		9.015	10.295	165	124	170	160
TCK05509	253		10.135	11.415	185	139	190	180
TCK05510	280		11.255	12.535	204	154	210	199
TCK05511	307		12.375	13.655	224	169	230	218
TCK05512	334		13.495	14.775	244	184	251	237

[6.4 series] (φ6417mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK06405	199	7	5.655	7.155	145	109	149	141
TCK06406	235		6.775	8.275	172	129	176	167
TCK06407	271		7.895	9.395	198	149	203	192
TCK06408	307		9.015	10.515	224	169	230	218
TCK06409	343		10.135	11.635	250	189	257	244
TCK06410	379		11.255	12.755	277	208	284	269
TCK06411	415		12.375	13.875	303	228	311	295
TCK06412	451		13.495	14.995	329	248	338	320
TCK06413	487		14.615	16.115	356	268	365	346
TCK06414	523		15.735	17.235	382	288	392	371

[12.8 series] (φ12834mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK12810	1585	14	11.255	14.245	1157	872	1189	1125
TCK12811	1730		12.375	15.365	1263	952	1298	1228
TCK12812	1875		13.495	16.485	1369	1031	1406	1331
TCK12813	2020		14.615	17.605	1475	1111	1515	1434
TCK12814	2165		15.735	18.725	1580	1191	1624	1537
TCK12815	2310		16.855	19.845	1686	1271	1733	1640
TCK12816	2455		17.975	20.965	1792	1350	1841	1743
TCK12817	2600		19.095	22.085	1898	1430	1950	1846
TCK12818	2745		20.215	23.205	2004	1510	2059	1949
TCK12819	2890		21.335	24.325	2110	1590	2168	2052
TCK12820	3035		22.455	25.445	2216	1669	2276	2155
TCK12821	3180		23.575	26.565	2321	1749	2385	2258
TCK12822	3325		24.695	27.685	2427	1829	2494	2361

[13.7 series] (φ13751mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK13710	1830	15	11.255	14.465	1336	1007	1373	1299
TCK13711	1996		12.375	15.585	1457	1098	1497	1417
TCK13712	2162		13.495	16.705	1578	1189	1622	1535
TCK13713	2328		14.615	17.825	1699	1280	1746	1653
TCK13714	2494		15.735	18.945	1821	1372	1871	1771
TCK13715	2660		16.855	20.065	1942	1463	1995	1889
TCK13716	2826		17.975	21.185	2063	1554	2120	2006
TCK13717	2992		19.095	22.305	2184	1646	2244	2124
TCK13718	3158		20.215	23.425	2305	1737	2369	2242
TCK13719	3324		21.335	24.545	2427	1828	2493	2360
TCK13720	3490		22.455	25.665	2548	1920	2618	2478
TCK13721	3656		23.575	26.785	2669	2011	2742	2596
TCK13722	3822		24.695	27.905	2790	2102	2867	2714
TCK13723	3988		25.815	29.025	2911	2193	2991	2831

[14.6 series] (φ14668mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK14610	2095	16	11.255	14.675	1529	1152	1571	1487
TCK14611	2284		12.375	15.795	1667	1256	1713	1622
TCK14612	2473		13.495	16.915	1805	1360	1855	1756
TCK14613	2662		14.615	18.035	1943	1464	1997	1890
TCK14614	2851		15.735	19.155	2081	1568	2138	2024
TCK14615	3040		16.855	20.275	2219	1672	2280	2158
TCK14616	3229		17.975	21.395	2357	1776	2422	2293
TCK14617	3418		19.095	22.515	2495	1880	2564	2427
TCK14618	3607		20.215	23.635	2633	1984	2705	2561
TCK14619	3796		21.335	24.755	2771	2088	2847	2695
TCK14620	3985		22.455	25.875	2909	2192	2989	2829
TCK14621	4174		23.575	26.995	3047	2296	3131	2964
TCK14622	4363		24.695	28.115	3185	2400	3272	3098
TCK14623	4552		25.815	29.235	3323	2504	3414	3232

[15.5 series] (φ15584mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK15511	2591	17	12.375	16.005	1891	1425	1943	1840
TCK15512	2805		13.495	17.125	2048	1543	2104	1992
TCK15513	3019		14.615	18.245	2204	1660	2264	2143
TCK15514	3233		15.735	19.365	2360	1778	2425	2295
TCK15515	3447		16.855	20.485	2516	1896	2585	2447
TCK15516	3661		17.975	21.605	2673	2014	2746	2599
TCK15517	3875		19.095	22.725	2829	2131	2906	2751
TCK15518	4089		20.215	23.845	2985	2249	3067	2903
TCK15519	4303		21.335	24.965	3141	2367	3227	3055
TCK15520	4517		22.455	26.085	3297	2484	3388	3207
TCK15521	4731		23.575	27.205	3454	2602	3548	3359
TCK15522	4945		24.695	28.325	3610	2720	3709	3511
TCK15523	5159		25.815	29.445	3766	2837	3869	3663
TCK15524	5373		26.935	30.565	3922	2955	4030	3815
TCK15525	5587		28.055	31.685	4079	3073	4190	3967

[16.5 series] (φ16501mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK16512	3160	18	13.495	17.345	2307	1738	2370	2244
TCK16513	3400		14.615	18.465	2482	1870	2550	2414
TCK16514	3640		15.735	19.585	2657	2002	2730	2584
TCK16515	3880		16.855	20.705	2832	2134	2910	2755
TCK16516	4120		17.975	21.825	3008	2266	3090	2925
TCK16517	4360		19.095	22.945	3183	2398	3270	3096
TCK16518	4600		20.215	24.065	3358	2530	3450	3266
TCK16519	4840		21.335	25.185	3533	2662	3630	3436
TCK16520	5080		22.455	26.305	3708	2794	3810	3607
TCK16521	5320		23.575	27.425	3884	2926	3990	3777
TCK16522	5560		24.695	28.545	4059	3058	4170	3948
TCK16523	5800		25.815	29.665	4234	3190	4350	4118
TCK16524	6040		26.935	30.785	4409	3322	4530	4288
TCK16525	6280		28.055	31.905	4584	3454	4710	4459

[17.4 series] (φ17418mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK17413	3805	19	14.615	18.675	2778	2093	2854	2702
TCK17414	4072		15.735	19.795	2973	2240	3054	2891
TCK17415	4339		16.855	20.915	3167	2386	3254	3081
TCK17416	4606		17.975	22.035	3362	2533	3455	3270
TCK17417	4873		19.095	23.155	3557	2680	3655	3460
TCK17418	5140		20.215	24.275	3752	2827	3855	3649
TCK17419	5407		21.335	25.395	3947	2974	4055	3839
TCK17420	5674		22.455	26.515	4142	3121	4256	4029
TCK17421	5941		23.575	27.635	4337	3268	4456	4218
TCK17422	6208		24.695	28.755	4532	3414	4656	4408
TCK17423	6475		25.815	29.875	4727	3561	4856	4597
TCK17424	6742		26.935	30.995	4922	3708	5057	4787

[18.3 series] (φ18334mm)

Silo type	Silo capacity (m³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK18314	4620	20	15.735	21.025	3373	2541	3465	3280
TCK18315	4916		16.855	22.145	3589	2704	3687	3490
TCK18316	5212		17.975	23.265	3805	2867	3909	3701
TCK18317	5508		19.095	24.385	4021	3029	4131	3911
TCK18318	5804		20.215	25.505	4237	3192	4353	4121
TCK18319	6100		21.335	26.625	4453	3355	4575	4331
TCK18320	6396		22.455	27.745	4669	3518	4797	4541
TCK18321	6692		23.575	28.865	4885	3681	5019	4751
TCK18322	6988		24.695	29.985	5101	3843	5241	4961
TCK18323	7284		25.815	31.105	5317	4006	5463	5172
TCK18324	7580		26.935	32.225	5533	4169	5685	5382
TCK18325	7876		28.055	33.345	5749	4332	5907	5592
TCK18326	8172		29.175	34.465	5966	4495	6129	5802

[19.2 series] (φ19251mm)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK19214	5119	21	15.735	21.285	3737	2815	3839	3634
TCK19215	5445		16.855	22.405	3975	2995	4084	3866
TCK19216	5771		17.975	23.525	4213	3174	4328	4097
TCK19217	6097		19.095	24.645	4451	3353	4573	4329
TCK19218	6423		20.215	25.765	4689	3533	4817	4560
TCK19219	6749		21.335	26.885	4927	3712	5062	4792
TCK19220	7075		22.455	28.005	5165	3891	5306	5023
TCK19221	7401		23.575	29.125	5403	4071	5551	5255
TCK19222	7727		24.695	30.245	5641	4250	5795	5486
TCK19223	8053		25.815	31.365	5879	4429	6040	5718
TCK19224	8379		26.935	32.485	6117	4608	6284	5949
TCK19225	8705		28.055	33.605	6355	4788	6529	6181
TCK19226	9031		29.175	34.725	6593	4967	6773	6412
TCK19227	9357		30.295	35.845	6831	5146	7018	6643

[27.5 series] ($\phi 27502\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TC27518	13580	30	20.215	28.145	9913	7469	10185	9642
TC27519	14245		21.335	29.265	10399	7835	10684	10114
TC27520	14910		22.455	30.385	10884	8201	11183	10586
TC27521	15575		23.575	31.505	11370	8566	11681	11058
TC27522	16240		24.695	32.625	11855	8932	12180	11530
TC27523	16905		25.815	33.745	12341	9298	12679	12003
TC27524	17570		26.935	34.865	12826	9664	13178	12475
TC27525	18235		28.055	35.985	13312	10029	13676	12947
TC27526	18900		29.175	37.105	13797	10395	14175	13419
TC27527	19565		30.295	38.225	14282	10761	14674	13891
TC27528	20230		31.415	39.345	14768	11127	15173	14363

[28.4 series] ($\phi 28419\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK28418	14557	31	20.215	28.415	10627	8006	10918	10335
TCK28419	15267		21.335	29.535	11145	8397	11450	10840
TCK28420	15977		22.455	30.655	11663	8787	11983	11344
TCK28421	16687		23.575	31.775	12182	9178	12515	11848
TCK28422	17397		24.695	32.895	12700	9568	13048	12352
TCK28423	18107		25.815	34.015	13218	9959	13580	12856
TCK28424	18817		26.935	35.135	13736	10349	14113	13360
TCK28425	19527		28.055	36.255	14255	10740	14645	13864
TCK28426	20237		29.175	37.375	14773	11130	15178	14368
TCK28427	20947		30.295	38.495	15291	11521	15710	14872
TCK28428	21657		31.415	39.615	15810	11911	16243	15376

[29.3 series] ($\phi 29335\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TC29318	15571	32	20.215	28.685	11367	8564	11678	11055
TC29319	16328		21.335	29.805	11919	8980	12246	11593
TC29320	17085		22.455	30.925	12472	9397	12814	12130
TC29321	17842		23.575	32.045	13025	9813	13382	12668
TC29322	18599		24.695	33.165	13577	10229	13949	13205
TC29323	19356		25.815	34.285	14130	10646	14517	13743
TC29324	20113		26.935	35.405	14682	11062	15085	14280
TC29325	20870		28.055	36.525	15235	11479	15653	14818
TC29326	21627		29.175	37.645	15788	11895	16220	15355
TC29327	22384		30.295	38.765	16340	12311	16788	15893
TC29328	23141		31.415	39.885	16893	12728	17356	16430

[30.2 series] ($\phi 30252\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK30218	16623	33	20.215	28.945	12135	9143	12467	11802
TCK30219	17428		21.335	30.065	12722	9585	13071	12374
TCK30220	18233		22.455	31.185	13310	10028	13675	12945
TCK30221	19038		23.575	32.305	13898	10471	14279	13517
TCK30222	19843		24.695	33.425	14485	10914	14882	14089
TCK30223	20648		25.815	34.545	15073	11356	15486	14660
TCK30224	21453		26.935	35.665	15661	11799	16090	15232
TCK30225	22258		28.055	36.785	16248	12242	16694	15803
TCK30226	23063		29.175	37.905	16836	12685	17297	16375
TCK30227	23868		30.295	39.025	17424	13127	17901	16946
TCK30228	24673		31.415	40.145	18011	13570	18505	17518

[31.1series] ($\phi 31169\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK31118	7713	34	20.215	29.205	5630	4242	5785	5476
TCK31119	8568		21.335	30.325	6255	4712	6426	6083
TCK31120	9423		22.455	31.445	6879	5183	7067	6690
TCK31121	10278		23.575	32.565	7503	5653	7709	7297
TCK31122	11133		24.695	33.685	8127	6123	8350	7904
TCK31123	11988		25.815	34.805	8751	6593	8991	8511
TCK31124	12843		26.935	35.925	9375	7064	9632	9119
TCK31125	13698		28.055	37.045	10000	7534	10274	9726
TCK31126	14553		29.175	38.165	10624	8004	10915	10333
TCK31127	15408		30.295	39.285	11248	8474	11556	10940
TCK31128	16263		31.415	40.405	11872	8945	12197	11547

[32.0series] ($\phi 32086\text{mm}$)

Silo type	Silo capacity (m ³)	Sheets of each ring	Height(m)		Capacity (T)			
			Cylinder height	Peak height	Maize	Rice	Wheat	Soy
					0.73	0.55	0.75	0.71
TCK32019	19748	35	21.335	30.595	14416	10861	14811	14021
TCK32020	20654		22.455	31.715	15077	11360	15491	14664
TCK32021	21560		23.575	32.835	15739	11858	16170	15308
TCK32022	22466		24.695	33.955	16400	12356	16850	15951
TCK32023	23372		25.815	35.075	17062	12855	17529	16594
TCK32024	24278		26.935	36.195	17723	13353	18209	17237
TCK32025	25184		28.055	37.315	18384	13851	18888	17881
TCK32026	26090		29.175	38.435	19046	14350	19568	18524

Sales & Service Network

"Guangcai Silo "has a business network covering both in China and Oversea market, and has gained a high reputation among the clients in different industries. Collaborating with giant enterprises, we have successfully completed various high-quality projects. We are gradually becoming a comprehensive enterprise group that follows an international path, with establishing our domestic and global branch offices and service network.



"Guangcai Silo" Competitive Advantages:

- Adoption of high-standard double-side galvanized steel sheet, i.e. SGH340/440 high strength structural steel sheet. Galvanized coating is optional for 275g/m², 350g/m², 450g/m² hot galvanized coil steel, which ensures the silo lifespan not less than 30 years; ensure usage and win the trust of customers.
- Capital Advantage: by grasping the market trends of raw materials and having a well-established supplier management system, we can obtain the prices of raw material and supporting equipment which are superior to those of peers.
- Domestic Advanced Processing Technology: grasp the key technologies of steel silo production, hold multiple processing technology patents, and have a high utilization rate of steel sheet.
- Domestic Largest Production Capability: 3 processing/manufacturing centers, with complete set of production line of silo steel sheet forming.
- Having the professional technical sales team, first-class domestic expert-level engineering design team, and the customer-oriented after-sales service team.