



FLAT BOTTOM SILOS
TABLE OF SPECIFICATIONS AND CAPACITIES

VOLUME OF FLAT BOTTOM SILOS		Total height of the silo = roof height + cylinder height																									
SIMEZA	SILO Ø (m)	3,80	4,60	5,30	6,10	6,90	7,60	8,40	9,20	9,90	10,70	11,50	12,20	13,00	13,80	14,50	15,30	16,80	18,30	19,90	21,40	22,90	24,40	26,00	27,50	30,60	32,10
	ROOF HEIGHT (m)	1,04	1,37	1,60	1,82	2,01	2,26	2,48	2,45	2,67	2,89	3,02	3,33	3,56	3,78	4,00	4,22	4,66	5,10	5,54	5,88	6,32	6,77	7,21	7,65	8,53	8,95
RING NUMBERS	CYLINDER HEIGHT (m)	VOLUME (m ³)																									
4	4,63	57	84	116	154	197	247	302	365	434	510	593	683	781	886	1,000	1,121	1,389	1,692	2,032	2,409	2,826	3,284	3,786	4,331	5,563	6,205
5	5,77	70	103	142	187	240	299	366	440	522	613	711	817	932	1,056	1,189	1,331	1,643	1,994	2,386	2,820	3,298	3,821	4,392	5,011	6,402	7,130
6	6,92	83	122	167	221	282	351	429	516	611	715	829	952	1,084	1,226	1,378	1,541	1,897	2,296	2,741	3,231	3,770	4,358	4,998	5,691	7,241	8,055
7	8,06	97	141	193	254	324	404	493	591	700	818	947	1,086	1,235	1,396	1,568	1,750	2,151	2,598	3,095	3,642	4,242	4,895	5,604	6,370	8,080	8,980
8	9,20	110	159	219	288	367	456	556	667	788	921	1,065	1,220	1,387	1,566	1,757	1,960	2,404	2,900	3,449	4,053	4,714	5,432	6,210	7,050	8,919	9,910
9	10,35	123	178	244	321	409	509	620	742	877	1,024	1,183	1,354	1,539	1,736	1,946	2,170	2,658	3,202	3,804	4,464	5,186	5,969	6,816	7,729	9,758	10,850
10	11,49	136	197	270	355	452	561	683	818	966	1,126	1,301	1,488	1,690	1,906	2,136	2,380	2,912	3,504	4,158	4,876	5,658	6,506	7,423	8,409	10,597	11,760
11	12,64	149	216	296	388	494	614	747	893	1,054	1,229	1,419	1,623	1,842	2,076	2,325	2,589	3,166	3,806	4,513	5,287	6,129	7,043	8,029	9,089	11,436	12,685
12	13,78	162	235	321	422	537	666	810	969	1,143	1,332	1,537	1,757	1,993	2,246	2,514	2,799	3,420	4,109	4,867	5,698	6,601	7,580	8,635	9,768	12,275	13,610
13	14,92	175	254	347	456	579	719	874	1,044	1,231	1,435	1,655	1,891	2,145	2,415	2,703	3,009	3,673	4,411	5,222	6,109	7,073	8,117	9,241	10,448	13,114	14,535
14	16,07	188	273	373	489	622	771	937	1,120	1,320	1,538	1,773	2,025	2,296	2,585	2,893	3,219	3,927	4,713	5,576	6,520	7,545	8,654	9,847	11,127	13,953	15,460
15	17,21	201	292	399	523	664	823	1,000	1,195	1,409	1,640	1,890	2,160	2,448	2,755	3,082	3,428	4,181	5,015	5,931	6,931	8,017	9,191	10,454	11,807	14,792	16,390
16	18,36	215	310	424	556	707	876	1,064	1,271	1,497	1,743	2,008	2,294	2,599	2,925	3,271	3,638	4,435	5,317	6,285	7,342	8,489	9,728	11,060	12,486	15,631	17,320
17	19,50	228	329	450	590	749	928	1,127	1,346	1,586	1,846	2,126	2,428	2,751	3,095	3,461	3,848	4,689	5,619	6,640	7,753	8,961	10,265	11,666	13,166	16,470	18,240
18	20,64	241	348	476	623	792	981	1,191	1,422	1,674	1,949	2,244	2,562	2,902	3,265	3,650	4,058	4,942	5,921	6,994	8,164	9,433	10,802	12,272	13,846	17,309	19,170
19	21,79	254	367	501	657	834	1,033	1,254	1,497	1,763	2,051	2,362	2,697	3,054	3,435	3,839	4,267	5,196	6,223	7,349	8,575	9,905	11,339	12,878	14,525	18,148	20,100
20	22,93	267	386	527	690	877	1,086	1,318	1,573	1,852	2,154	2,480	2,831	3,206	3,605	4,028	4,477	5,450	6,525	7,703	8,987	10,377	11,876	13,484	15,205	18,987	21,020
21	24,08	280	405	553	724	919	1,138	1,381	1,648	1,940	2,257	2,598	2,965	3,357	3,775	4,218	4,687	5,704	6,827	8,058	9,398	10,849	12,413	14,091	15,884	19,826	21,950
22	25,22	293	424	578	758	962	1,190	1,445	1,724	2,029	2,360	2,716	3,099	3,509	3,944	4,407	4,897	5,958	7,129	8,412	9,809	11,321	12,950	14,697	16,564	20,665	22,870
23	26,36	306	443	604	791	1,004	1,243	1,508	1,799	2,118	2,463	2,834	3,234	3,660	4,114	4,596	5,106	6,211	7,431	8,767	10,220	11,793	13,486	15,303	17,244	21,504	23,800
24	27,51	319	461	630	825	1,047	1,295	1,571	1,875	2,206	2,565	2,952	3,368	3,812	4,284	4,786	5,316	6,465	7,733	9,121	10,631	12,265	14,023	15,909	17,923	22,343	24,720
25	28,65	333	480	655	858	1,089	1,348	1,635	1,950	2,295	2,668	3,070	3,502	3,963	4,454	4,975	5,526	6,719	8,035	9,476	11,042	12,737	14,560	16,515	18,603	23,182	25,650

FBS
VOLUME



FLAT BOTTOM SILOS
TABLE OF SPECIFICATIONS AND CAPACITIES

CAPACITY OF FLAT BOTTOM SILOS		Density= 0,75 t/m ³																				Total height of the silo = roof height + cylinder height							
SIMEZA	SILO Ø (m)	3,80	4,60	5,30	6,10	6,90	7,60	8,40	9,20	9,90	10,70	11,50	12,20	13,00	13,80	14,50	15,30	16,80	18,30	19,90	21,40	22,90	24,40	26,00	27,50	30,60	32,10		
	ROOF HEIGHT (m)	1,04	1,37	1,60	1,82	2,01	2,26	2,48	2,45	2,67	2,89	3,02	3,33	3,56	3,78	4,00	4,22	4,66	5,10	5,54	5,88	6,32	6,77	7,21	7,65	8,53	8,95		
RING NUMBERS	CYLINDER HEIGHT (m)	CAPACITY (MT)																											
4	4,63	40	63	87	115	148	185	227	274	325	382	444	512	586	665	750	841	1,042	1,269	1,524	1,807	2,119	2,463	2,839	3,249	4,172	4,640		
5	5,77	51	77	106	140	180	224	274	330	392	459	533	613	699	792	892	998	1,232	1,496	1,790	2,115	2,473	2,866	3,294	3,758	4,802	5,380		
6	6,92	61	91	125	165	211	264	322	387	458	536	621	714	813	920	1,034	1,156	1,423	1,722	2,055	2,423	2,827	3,269	3,748	4,268	5,431	6,115		
7	8,06	71	105	145	191	243	303	370	443	525	614	710	814	927	1,047	1,176	1,313	1,613	1,949	2,321	2,732	3,181	3,671	4,203	4,778	6,060	6,850		
8	9,20	82	120	164	216	275	342	417	500	591	691	798	915	1,040	1,174	1,318	1,470	1,803	2,175	2,587	3,040	3,535	4,074	4,658	5,287	6,689	7,590		
9	10,35	92	134	183	241	307	382	465	557	658	768	887	1,016	1,154	1,302	1,460	1,627	1,994	2,402	2,853	3,348	3,889	4,477	5,112	5,797	7,319	8,330		
10	11,49	103	148	203	266	339	421	512	613	724	845	975	1,116	1,268	1,429	1,602	1,785	2,184	2,628	3,119	3,657	4,243	4,880	5,567	6,307	7,948	9,060		
11	12,64	113	162	222	291	371	460	560	670	791	922	1,064	1,217	1,381	1,557	1,744	1,942	2,374	2,855	3,385	3,965	4,597	5,282	6,022	6,816	8,577	9,800		
12	13,78	123	176	241	317	403	500	608	727	857	999	1,152	1,318	1,495	1,684	1,886	2,099	2,565	3,081	3,651	4,273	4,951	5,685	6,476	7,326	9,206	10,530		
13	14,92	134	190	260	342	434	539	655	783	924	1,076	1,241	1,418	1,609	1,812	2,028	2,257	2,755	3,308	3,916	4,582	5,305	6,088	6,931	7,836	9,836	11,270		
14	16,07	144	205	280	367	466	578	703	840	990	1,153	1,329	1,519	1,722	1,939	2,170	2,414	2,945	3,534	4,182	4,890	5,659	6,490	7,386	8,345	10,465	12,000		
15	17,21	155	219	299	392	498	618	750	897	1,056	1,230	1,418	1,620	1,836	2,066	2,312	2,571	3,136	3,761	4,448	5,198	6,013	6,893	7,840	8,855	11,094	12,740		
16	18,36	165	233	318	417	530	657	798	953	1,123	1,307	1,506	1,720	1,950	2,194	2,453	2,729	3,326	3,987	4,714	5,507	6,367	7,296	8,295	9,365	11,723	13,480		
17	19,50	176	247	337	442	562	696	845	1,010	1,189	1,384	1,595	1,821	2,063	2,321	2,595	2,886	3,516	4,214	4,980	5,815	6,721	7,699	8,749	9,875	12,353	14,210		
18	20,64	186	261	357	468	594	736	893	1,066	1,256	1,461	1,683	1,922	2,177	2,449	2,737	3,043	3,707	4,441	5,246	6,123	7,075	8,101	9,204	10,384	12,982	14,950		
19	21,79	196	275	376	493	626	775	941	1,123	1,322	1,539	1,772	2,022	2,290	2,576	2,879	3,201	3,897	4,667	5,512	6,432	7,429	8,504	9,659	10,894	13,611	15,690		
20	22,93	207	289	395	518	657	814	988	1,180	1,389	1,616	1,860	2,123	2,404	2,704	3,021	3,358	4,088	4,894	5,777	6,740	7,783	8,907	10,113	11,404	14,240	16,420		
21	24,08	217	304	415	543	689	854	1,036	1,236	1,455	1,693	1,949	2,224	2,518	2,831	3,163	3,515	4,278	5,120	6,043	7,048	8,137	9,309	10,568	11,913	14,870	17,160		
22	25,22	228	318	434	568	721	893	1,083	1,293	1,522	1,770	2,037	2,325	2,631	2,958	3,305	3,673	4,468	5,347	6,309	7,357	8,491	9,712	11,023	12,423	15,499	17,890		
23	26,36	238	332	453	593	753	932	1,131	1,350	1,588	1,847	2,126	2,425	2,745	3,086	3,447	3,830	4,659	5,573	6,575	7,665	8,845	10,115	11,477	12,933	16,128	18,630		
24	27,51	249	346	472	619	785	972	1,179	1,406	1,655	1,924	2,214	2,526	2,859	3,213	3,589	3,987	4,849	5,800	6,841	7,973	9,198	10,518	11,932	13,442	16,757	19,360		
25	28,65	259	360	492	644	817	1,011	1,226	1,463	1,721	2,001	2,303	2,627	2,972	3,341	3,731	4,144	5,039	6,026	7,107	8,282	9,552	10,920	12,386	13,952	17,387	20,100		

FBS
CAPACITY