

VOLUME OF FLAT BOTTOM SILOS		Total height of the silo = roof height + cylinder height																											
SIMEZA	SILO Ø (m)	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				
	ROOF HEIGHT (m)	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				
RING NUMBERS	CYLINDER HEIGHT (m)	VOLUME (m ³)																											
4	4,63	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				
5	5,77	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				
6	6,92	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				
7	8,06	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	9,20	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	10,35	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	11,49	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	12,64	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	13,78	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	14,92	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	16,07	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	17,21	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	18,36	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	19,50	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	20,64	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	21,79	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	22,93	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	24,08	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				
22	25,22	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				
23	26,36	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				
24	27,51	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				
25	28,65	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				

CAPACITY OF FLAT BOTTOM SILOS		Density= 0,75 t/m ³																											
SIMEZA	SILO Ø (m)	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				
	ROOF HEIGHT (m)	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				
RING NUMBERS	CYLINDER HEIGHT (m)	CAPACITY (MT)																											
4	4,63	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				
5	5,77	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				
6	6,92	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				
7	8,06	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				
8	9,20	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				
9	10,35	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				
10	11,49	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				
11	12,64	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				
12	13,78	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				
13	14,92	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				
14	16,07	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				
15	17,21	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				
16	18,36	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				
17	19,50	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				
18	20,64	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				
19	21,79	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				
20	22,93	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				
21	24,08	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				
22	25,22	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				
23	26,36	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				
24	27,51	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				
25	28,65	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				