



AGI is a market leader in manufacturing physical and portable equipment for grain harvest and storage. The product line also includes screw conveyors and and sweepers (mechanical and hydraulic), belt conveyors, silos, aeration systems, grain dryers, elevators, cleaners and metallic structures.

AGI works across numerous production sectors and is behind globally recognized brands in the agricultural and industrial sectors, with, in some cases, over 160 years of market experience.

To encourage close ties and build on customer loyalty, AGI aims to identify clients' needs and develop bespoke solutions. At AGI, we believe that our focus on service, allied with the quality of technology found in our products, enables us to guarantee the trust and reliability that markets demand.









Flat Bottom Silo

The Flat Bottom Silo was developed to improve grain storage. It is made up of several components: ceiling panels – where the grain entrance point and vents for improving air circulation are located; the ceiling support structure (available for silos of 48 feet (14 meters) and larger); body – for grain storage, structured with mounted corrugated sheets; aeration system – perforated channel-mounted sheets, linked to a centrifugal fan and waste pipes (central to the principal unloading points and intermediaries, to ensure all grain is unloaded).



A system of ladders and platforms designed to aid ease of access to equipment, which meet all safety requirements.



Air vents to allow the gas from the stored products to escape. Its triangular design means that impurities are not deposited in its upper part, thereby prolonging its lifespan.



MODEL	DIAMETER	BODY HEIGHT	TOTAL HEIGHT	VOLUME	(0.75 T/	PACITY /M3 AND 6% PACTION)
	М	М	М	M ³	TONS	SACKS (60 kg)
1805	5.46	5.64	7.16	143	114	1,898
1806	5.46	6.76	8.27	169	135	2,244
1807	5.46	7.87	9.39	196	155	2,591
1808	5.46	8.99	10.51	222	176	2,937
1809 1810	5.46 5.46	10.11 11.23	11.63 12.71	248 274	197 218	3,283 3,630
1810	5.46	12.35	13.83	300	239	3,976
1812	5.46	13.46	14.95	326	259	4,323
1813	5.46	14.58	16.06	352	280	4,669
1814	5.46	15.70	17.18	379	301	5,015
1815	5.46	16.82	18.30	405	322	5,362
1816	5.46	17.93	19.42	431	342	5,708
2105	6.37	5.64	7.42	198	157	2,617
2106	6.37	6.76	8.54	233	185	3,089
2107	6.37	7.87	9.65	269	214	3,560
2108	6.37	8.99	10.77	304	242	4,032
2109 2110	6.37 6.37	10.11 11.23	11.89 12.98	340 375	270 298	4,503 4,975
2110	6.37	12.35	14.09	411	327	5,446
2111	6.37	13.46	15.21	447	355	5,918
2112	6.37	14.58	16.33	482	383	6,389
2114	6.37	15.70	17.45	518	412	6,860
2115	6.37	16.82	18.56	553	440	7,332
2116	6.37	17.93	19.68	589	468	7,803
2117	6.37	19.05	20.80	625	496	8,275
2118	6.37	20.17	21.92	660	525	8,746
2405	7.28	5.64	7.68	261	208	3,463
2406	7.28	6.76	8.80	308	245	4,079
2407	7.28	7.87	9.2	354	282	4,694
2408	7.28	8.99	11.03	401	319	5,310
2409	7.28	10.11	12.15	447	356	5,926
2410	7.28	11.23	13.24	494	393	6,542
2411	7.28	12.35	14.35	540	429	7,158
2412 2413	7.28 7.28	13.46 14.58	15.47 16.59	587 633	466 503	7,773 8,389
2413	7.28	14.58	17.71	680	503	9,005
2414	7.28	16.82	18.82	726	577	9,621
2415	7.28	17.93	19.94	773	614	10,237
2417	7.28	19.05	21.06	819	651	10,852
2418	7.28	20.17	22.18	866	688	11,468
2419	7.28	21.29	23.30	912	725	12,084
2420	7.28	22.40	24.41	958	762	12,700
2705	8.19	5.64	7.94	335	266	4,439
2706	8.19	6.76	9.06	394	313	5,218
2707	8.19	7.87	10.18	453	360	5,998
2708	8.19	8.99	11.30	511	407	6,777
2709	8.19	10.11	12.41	570	453	7,556
2710	8.19	11.23	13.50	629	500	8,336
2711 2712	8.19 8.19	12.35 13.46	14.62 15.73	688 747	547 594	9,115 9,894
2712	8.19	14.58	16.85	806	640	10,674
2714	8.19	15.70	17.97	864	687	11,453
2715	8.19	16.82	19.09	923	734	12,233
2716	8.19	17.93	20.20	982	781	13,012
2717	8.19	19.05	21.32	1,041	827	13,791
2718	8.19	20.17	22.44	1,100	874	14,571
2719	8.19	21.29	23.56	1,159	921	15,350
2720	8.19	22.40	24.67	1,217	968	16,730
2721	8.19	23.52	25.79	1,276	1,015	16,909
2722	8.19	24.64	26.91	1,335	1,061	17,688
3005	9.10	5.64	8.09	419	333	5,549
3006 3007	9.10 9.10	6.76 7.87	9.21 10.32	491 564	391 448	6,512 7,474
3007	9.10	8.99	10.32	637	448 506	8,436
3009	9.10	10.11	12.56	709	564	9,398
3070	9.10	11.23	13.62	782	622	10,360
3011	9.10	12.35	14.74	855	679	11,323
3012	9.10	13.46	15.86	927	737	12,285
3013	9.10	14.58	16.98	1,000	795	13,247
3014	9.10	15.70	18.09	1,072	853	14,209
3015	9.10	16.82	19.21	1,145	910	15,171
3016	9.10	17.93	20.33	1,218	968	16,134
3017	9.10	19.05	21.45	1,290	1,026	17,096
3018	9.10	20.17	22.56	1,363	1,083	18,058
3019	9.10	21.29	23.68	1,435	1,141	19,020
3020	9.10	22.40	24.80	1,508	1,199	19,982
3021	9.10	23.52	25.92	1,581	1,257	20,945
3022	9.10	24.64	27.03	1,653	1,314	21,907
3023 3024	9.10 9.10	25.76	28.15 29.27	1,726	1,372	22,869
5024	9.10	26.87	23.21	1,799	1,430	23,831

* Calculation based on specific weight of 0.75 t/m3 and 6% compaction. * Structures are designed to ensure the silo is resistant to winds of up to 144 km/h that last longer than three seconds, at a height of ten meters above ground level. "All data in this table is illustrative, and the manufacturer reserves the right to alter data at any time, given the constantly evolving nature of the equipment".

MODEL	DIAMETER	BODY HEIGHT	TOTAL HEIGHT	VOLUME	(0.75 T	PACITY /M3 AND 6% /PACTION)
	М	Μ	М	M ³	TONS	SACKS (60 kg)
3305	10.01	5.64	8.35	513	408	6,799
3306	10.01	6.76	9.47	601	478	7,963
3307	10.01	7.87	10.59	689	548	9,127
3308	10.01	8.99	11.70	777	617	10,292
3309	10.01	10.11	12.82	865	687	11,456
3310	10.01	11.23	13.88	952	757	12,620
3311	10.01	12.35	15.00	1,040	827	13,784
3312	10.01	13.46	16.12	1,128	897	14,949
3313 3314	10.01 10.01	14.58 15.70	17.24 18.35	1,216	967	16,113
3314	10.01	16.82	19.47	1,304 1,392	1,037 1,106	17,277 18,441
3315	10.01	17.93	20.59	1,480	1,176	19,606
3317	10.01	19.05	21.71	1,568	1,246	20,770
3318	10.01	20.17	22.83	1,655	1,316	21,934
3319	10.01	21.29	23.94	1,743	1,386	23,098
3320	10.01	22.40	25.06	1,831	1,456	24,263
3321	10.01	23.52	26.18	1,919	1,526	25,427
3322	10.01	24.64	27.30	2,007	1,595	26,591
3323	10.01	25.76	28.41	2,095	1,665	27,755
3324	10.01	26.87	29.53	2,183	1,735	28,920
3605	10.91	5.64	8.61	618	491	8,191
3606	10.91	6.76	9.73	723	575	9,577
3607	10.91	7.87	10.85	827	658	10,962
3608	10.91	8.99	11.96	932	741	12,348
3609	10.91	10.11	13.08	1.036	824	13,733
3610	10.91	11.23	14.15	1,141	907	15,119
3611	10.91	12.35	15.27	1,246	990	16,504
3612	10.91	13.46	16.38	1,350	1,073	17,890
3613 3614	10.91 10.91	14.58	17.50	1,455 1,559	1,157	19,276 20,661
3614 3615	10.91	15.70 16.82	18.62 19.74	1,559	1,240 1,323	20,661 22,047
3615	10.91	17.93	20.85	1,768	1,406	23,432
3617	10.91	19.05	21.97	1,873	1,489	24,818
3618	10.91	20.17	23.09	1,978	1,572	26,203
3619	10.91	21.29	24.21	2,082	1,655	27,589
3620	10.91	22.40	25.32	2,187	1,738	28,975
3621	10.91	23.52	26.44	2,291	1,822	30,360
3622	10.91	24.64	27.56	2,396	1,905	31,746
3623	10.91	25.76	28.68	2,500	1,988	33,131
3624	10.91	26.87	29.80	2,605	2,071	34,517
4205	12.73	5.64	9.14	862	685	11,421
4206	12.73	6.76	10.25	1,004	798	13,307
4207	12.73	7.87	11.37	1,147	912	15,193
4208	12.73	8.99	12.49	1,289	1,025	17,079
4209	12.73	10.11	13.61	1,431	1,138	18,965
4210	12.73	11.23	14.67	1,574	1,251	20,850
4211 4212	12.73 12.73	12.35 13.46	15.79 16.91	1,716 1,858	1,364 1,477	22,736
4212	12.73	14.58	18.02	2,001	1,590	24,622 26,508
4213	12.73	15.70	19.14	2,143	1,704	28,394
4215	12.73	16.82	20.26	2,285	1,817	30,280
4216	12.73	17.93	21.38	2,428	1,930	32,166
4217	12.73	19.05	22.50	2,570	2,043	34,052
4218	12.73	20.17	23.61	2,712	2,156	35,938
4219	12.73	21.29	24.73	2,855	2,269	37,824
4220	12.73	22.40	25.85	2,997	2,383	39,710
4221	12.73	23.52	26.97	3,139	2,496	41,595
4222	12.73	24.64	28.08	3,282	2,609	43,481
4223	12.73	25.76	29.20	3,424	2,722	45,367
4224	12.73	26.87	30.32	3,566	2,835	47,253
4805	14.55	5.64	9.66	1,153	916	15,272
4806 4807	14.55 14.55	6.76 7.87	10.78 11.90	1,339	1,064 1,212	17,736
4807	14.55	8.99	13.02	1,524 1,710	1,212	20,199 22,662
4808	14.55	10.11	14.13	1,896	1,508	25,125
4805	14.55	11.23	15.20	2.082	1.655	27.589
4811	14.55	12.35	16.32	2,268	1,803	30,052
4812	14.55	13.46	17.43	2,454	1,951	32,515
4813	14.55	14.58	18.55	2,640	2,099	34,978
4814	14.55	15.70	19.67	2,826	2,246	37,442
4815	14.55	16.82	20.79	3,012	2,394	39,905
4816	14.55	17.93	21.90	3,198	2,542	42,368
4817	14.55	19.05	23.02	3,383	2,690	44,831
4818	14.55	20.17	24.14	3,569	2,838	47,294
4819	14.55	21.29	25.26	3,755	2,985	49,758
4820	14.55	22.40	26.37	3,941	3,133	52,221
4821	14.55	23.52	27.49	4,127	3,281	54,684
4822	14.55	24.64	28.61	4,313	3,429	57,147
4823	14.55	25.76	29.73	4,499	3,577	59,611
4824	14.55	26.87	30.84	4,685	3,724	62,074
5405	16.37 16.37	5.64	10.08 11.19	1,493	1,187	19,779
5406 5407	16.37 16.37	6.76 7.87	11.19 12.31	1,728 1,963	1,374 1,561	22,896 26,014
5407	16.37	8.99	13.43	2,199	1,561	29,131
5408	16.37	10.11	14.55	2,135	1,935	32,249
5405	16.37	11.23	15.67	2,669	2,122	35,366
5411	16.37	12.35	16.78	2,904	2,309	38,484
5412	16.37	13.46	17.90	3,140	2,496	41,602

MODEL	DIAMETER	BODY HEIGHT	TOTAL HEIGHT	VOLUME	(0.75 T	PACITY //M3 AND 6% //PACTION)
	М	М	М	M ³	TONS	SACKS (60 kg)
5413	16.37	14.58	19.02	3,375	2,683	44,719
5414	16.37	15.70	20.14	3,610	2,870	47,837
5415	16.37	16.82	21.25	3,846	3,057	50,954
5416	16.37	17.93	22.37	4,081	3,244	54,072
5417	16.37	19.05	23.49	4,316	3,431	57,189
5418	16.37	20.17	24.61	4,551	3,618	60,307
5419	16.37	21.29	25.72	4,787	3,805	63,424
5420	16.37	22.40	26.84	5,022	3,993	66,542
5421	16.37	23.52	27.96	5,257	4,180	69,659
5422 5423	16.37 16.37	24.64 25.76	29.08 30.19	5,493 5,728	4,367 4,554	72,777 75,894
5423	16.37	26.87	31.31	5,963	4,741	79,012
6007	18.19	7.88	13.01	2,467	1,962	32,693
6008	18.19	9.00	14.13	2,758	2,193	36,542
6009	18.19	10.12	15.25	3,048	2,423	40,391
6010	18.19	11.23	16.37	3,339	2,654	44,239
6011	18.19	12.35	17.48	3,629	2,885	48,088
6012	18.19	13.47	18.60	3,920	3,116	51,937
6013	18.19	14.59	19.72	4,210	3,347	55,786
6014	18.19	15.70	20.84	4,501	3,578	59,635
6015	18.19	16.82	21.96	4,791	3,809	63,483
6016	18.19	17.94	23.07	5,082	4,040	67,332
6017	18.19	19.06	24.19	5,372	4,271	71,181
6018	18.19	20.17	25.31	5,663	4,502	75,030
6019	18.19	21.29	26.43	5,953	4,733	78,879
6020	18.19	22.41	27.54	6,244	4,964	82,727
6021	18.19	23.53	28.66	6,534	5,195	86,576
6022	18.19	24.65	29.78	6,825	5,425	90,425
6023 6024	18.19 18.19	25.76 26.88	30.90 32.01	7,115 7,405	5,656 5,887	94,274 98,123
6024	18.19	28.00	33.13	7,696	6,118	101.971
6026	18.19	29.12	34.25	7,986	6,349	105,820
7207	21.83	7.88	14.07	3,674	2,921	48,677
7208	21.83	9.00	15.18	4,092	3,253	54,219
7209	21.83	10.12	16.30	4,510	3,586	59,761
7210	21.83	11.23	17.42	4,929	3,918	65,304
7211	21.83	12.35	18.54	5,347	4,251	70,846
7212	21.83	13.47	19.65	5,765	4,583	76,388
7213	21.83	14.59	20.77	6,183	4,916	81,930
7214	21.83	15.70	21.89	6,602	5,248	87,473
7215	21.83	16.82	23.01	7,020	5,581	93,015
7216	21.83	17.94	24.12	7,438	5,913	98,557
7217	21.83	19.06	25.24	7,857	6,246	104,099
7218	21.83	20.17	26.36	8,275	6,579	109,642
7219	21.83	21.29	27.48	8,693	6,911	115,184
7220	21.83	22.41	28.59	9,111	7,244	120,726
7221 7222	21.83 21.83	23.53 24.65	29.71 30.83	9,530 9,948	7,576	126,269
7223	21.83	24.65	31.95	10,366	7,909 8,241	131,811 137,353
7223	21.83	26.88	33.07	10,785	8,574	142,895
7224	21.83	28.00	34.18	11,203	8,906	148,438
7226	21.83	29.12	35.30	11,621	9,239	153,980
9007	27.29	7.88	15.65	6,023	4,788	79,805
9008	27.29	9.00	16.77	6,677	5,308	88,465
9009	27.29	10.12	17.89	7,330	5,827	97,125
9010	27.29	11.23	19.00	7,984	6,347	105,784
9011	27.29	12.35	20.12	8,637	6,867	114,444
9012	27.29	13.47	21.24	9,291	7,386	123,104
9013	27.29	14.59	22.36	9,944	7,906	131,764
9014	27.29	15.70	23.47	10,598	8,425	140,423
9015	27.29	16.82	24.59	11,252	8,945	149,083
9016	27.29	17.94	25.71	11,905	9,465	157,743
9017 9018	27.29 27.29	19.06 20.17	26.83 27.94	12,559 13,212	9,984 10,504	166,403 175,063
9019	27.29	20.17	29.06	13,866	11,023	183,722
9020	27.29	22.41	30.18	14,519	11,543	192,382
9021	27.29	23.53	31.30	15,173	12,063	201,042
9022	27.29	24.65	32.42	15,827	12,582	209,702
9023	27.29	25.76	33.53	16,480	13,102	218,362
9024	27.29	26.88	34.65	17,134	13,621	227,021
9025	27.29	28.00	35.77	17,787	14,141	235,681
9026	27.29	29.12	36.89	18,441	14,660	244,341
10807	32.74	7.88	17.16	9,080	7,219	120,315
10808	32.74	9.00	18.27	10,022	7,967	132,785
10809	32.74	10.12	19.39	10,963	8,715	145,256
10810	32.74	11.23	20.51	11,904	9,464	157,726
10811	32.74	12.35	21.63	12,845	10,212	170,196
10812	32.74	13.47	22.75	13,786	10,960	182,666
10813	32.74	14.59	23.86	14,727	11,708	195,136
10814	32.74	15.70	24.98	15,668	12,456	207,606
10815	32.74	16.82	26.10	16,610	13,205	220,076
10816	32.74	17.94	27.22	17,551	13,953	232,546
10817	32.74	19.06	28.33	18,492	14,701	245,016
10818 10819	32.74 32.74	20.17 21.29	29.45 30.57	19,433 20,374	15,449 16,197	257,486 269,957
10819	32.74	22.41	30.57	20,374 21,315	16,946	282,427
10820	32.74	23.53	32.80	22,256	17,694	294,897
10822	32.74	24.65	33.92	23,197	18,442	307,367
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Elevated Silo

The Elevated Silo has been designed to store humid grain for rapid unloading. It is formed from several components: ceiling – where the product entry point and vents for improved air circulation are located; the main body – built from corrugated sheets and vertical struts, in which the grain is stored; a funnel – contains the discharge nozzle (manually activated) for the product; aeration system formed from a collection of ducts, and activated by a centrifugal fan; support structure – fully strengthened and constructed in a "W" format. The Elevated Silo is available in a variety of diameters, heights and ventilation formats to meet every need and application. Fan strength can also be customized. Any kind of transporter can be used for unloading. It is designed for outdoor use, and, therefore, protects the grain from all types of weather. The installment process is simple, thanks to the ability to screw the funnel and structure together.







Detail of perforated ducting



MODEL	DIAMETER	BODY HEIGHT	TOTAL HEIGHT	VOLUME	STRUCTURE HEIGHT		ACITY 6% COMPACTION)
	М	Μ	М	M3	Μ	TONS	SACKS (60 kg
1504H45	4.55	7.28	8.52	91	3.70	72	1,201
1505H45	4.55	8.4	9.64	109	3.70	87	1,446
1506H45	4.55	9.52	10.76	128	3.70	101	1,692
1507H45	4.55	10.63	11.87	146	3.70	116	1,935
1508H45	4.55	11.75	12.99	165	3.70	131	2,186
1509H45	4.55	12.87	14.11	183	3.70	145	2,425
1510H45	4.55	13.99	15.23	201	3.70	160	2,663
1804H45	5.46	7.73	9.23	139	4.15	111	1,842
1805H45	5.46	8.84	10.34	165	4.15	131	2,186
1806H45	5.46	9.96	11.46	191	4.15	152	2,531
1807H45	5.46	11.08	12.58	217	4.15	173	2,875
1808H45	5.46	12.2	13.7	243	4.15	193	3,220
1809H45	5.46	13.31	14.81	269	4.15	214	3,564
1810H45	5.46	14.43	15.93	295	4.15	235	3,909
2104H45	6.37	8.18	9.96	196	4.60	156	2,601
2105H45	6.37	9.3	11.08	232	4.60	184	3,072
2106H45	6.37	10.42	12.2	267	4.60	213	3,542
2107H45	6.37	11.54	13.29	303	4.60	241	4,015
2108H45	6.37	12.65	14.4	338	4.60	269	4,479
2109H45	6.37	13.77	15.52	374	4.60	297	4,956
2110H45	6.37	14.89	16.64	409	4.60	325	5,419
2404H40	7.28	8.11	10.12	266	4.50	211	3,525
2405H40	7.28	9.23	11.24	312	4.50	248	4,138
2406H40	7.28	10.35	12.36	359	4.50	285	4,752
2407H40	7.28	11.47	13.48	405	4.50	322	5,366
2408H40	7.28	12.59	14.6	452	4.50	359	5,989
2409H40	7.28	13.71	15.72	498	4.50	396	6,599
2410H40	7.28	14.83	16.84	545	4.50	433	7,221
2704H40	8.19	8.7	10.99	338	4.88	269	4,479
2705H40	8.19	9.82	12.11	396	4.88	315	5,251
2706H40	8.19	10.94	13.23	455	4.88	361	6,024
2707H40	8.19	12.06	14.35	513	4.88	408	6,797
2708H40	8.19	13.18	15.47	572	4.88	455	7,579
2709H40	8.19	14.3	16.59	630	4.88	501	8,348
3007H40	9.1	12.45	15	649	5.67	516 8,599	
3008H40	9.1	13.57	16.12	722	5.67	574 9,567	
3009H40	9.1	14.69	17.24	795	5.67	632	10,534
3010H40	9.1	15.81	18.36	867	5.67	689	11,488

* Calculation based on specific weight of 0.75 t/m3 and 6% compaction. * Structures are designed to ensure the silo is resistant to winds of up to 144 km/h that last longer than three seconds, at a height of ten meters above ground level. "All data in this table is illustrative, and the manufacturer reserves the right to alter data at any time, given the constantly evolving nature of the equipment".



Screw-fixable, extremely rigid structure. Easy to put together, and supported by highly stable, mechanically resistant parts.



The perforated ceiling releases pressure from the product unload. There's also a railing and maintenance access ladder, as well as an inspection portal located at the top should it be required.



Delivery Silo

AGI's Delivery Silo has been developed to optimize grain delivery. It is constructed from several components: the ceiling – houses the product entry point and vents designed to relieve the pressure of the delivery; the main body – consisting of vertical corrugated sheets, where grains is stored; a funnel – houses the delivery nozzle, which is activated manually. The support structure is rigid and constructed in a "W" format. The smaller model is recommended for delivery of grain by smaller vehicles. The large model (wider diameter) is recommended for deliveries that require greater speed, and by larger vehicles. Its finish is designed for outdoor use and protects the grain from weather conditions. The installation process is simple, but requires a hoist.

The Delivery Silo also has a work platform with a ladder and safe access, to meet all safety requirements.







		DIME	NSIONS (M)		VOLUME			
MODEL	DIAMETER	BODY HEIGHT	STRUCTURE HEIGHT	TOTAL HEIGHT	(M ³)	TONS	SACKS	SACKS (+5%)
* SEEX-150145	4.58	1.12	3.70	9.34	38	28	471	495
* SEEX-150245	4.58	2.24	3.70	10.46	56	42	702	737
* SEEX-150345	4.58	3.36	3.70	11.58	75	56	932	979
* SEEX-150445	4.58	4.48	3.70	12.7	93	70	1,163	1,221
* SEEX-150545	4.58	5.60	3.70	13.82	111	84	1,393	1,463
* SEEX-180245	5.50	2.24	4.16	11.2	86	65	1,080	1,134
* SEEX-180345	5.50	3.36	4.16	12.32	113	85	1,412	1,483
* SEEX-180445	5.50	4.48	4.16	13.44	140	105	1,744	1,832
SEEX-210245	6.41	2.24	4.61	12.09	127	95	1,588	1,667
SEEX-210345	6.41	3.36	4.61	13.21	163	122	2,039	2,141
SEEX-210445	6.41	4.48	4.61	14.33	199	149	2,491	2,615
SEEX-210545	6.41	5.6	4.61	15.45	235	177	2,942	3,089
SEEX-210645	6.41	6.72	4.61	16.57	272	204	3,394	3,564
SEEX-210745	6.41	7.84	4.61	17.69	308	231	3,845	4,038
SEEX-210845	6.41	8.96	4.61	18.81	344	258	4,297	4,512

** Metallic structure models. Calculation based on the specific weight of 0.75 t/m3 and 6% compaction. 60 kg sacks. Structures are designed to ensure the silo is resistant to winds of up to 144 km/h that last longer than three seconds, at a height of ten meters above ground level. "All data in this table is illustrative, and the manufacturer reserves the right to alter data at any time, given the constantly evolving nature of the equipment".

Grain Dryer

The AGI Grain Dryer has been developed to promote efficient grain drying. With a robust structure, composed of a silo box, exhausts, drying tower and sluice box, it is designed to optimize the drying process and preserve grain quality. It is finished with galvanized sheets that, in addition to providing longevity, also mean it can be installed in different environments and under different climactic conditions. The assembly is simple and modular.





Double Circulation Dryer (patent)

The Double Circulation Dryer enables more homogeneous and efficient grain drying. As the grains are transported to the drying tower, they are exposed to hot air from at least four points in each duct, which are in the form of overlaid trestles. This system ensures that the drying air has less drag as it passes through the grain.

Double Circulation Dryer (patent)

The difference with this model is that it protects the grains throughout the drying process, from the time it enters the silo, to when it passes through the drying tower. The buffering ladder enables the grain to be distributed equally throughout the tower, helping to preserve it. As the grain passes through the drying tower, it is exposed to hot air released from at least four points in each duct, which are are in the formal of overlaid trestles. This system ensures that the drying air has less drag as it passes through the grain.



Perforated column system (patent) With this sytem, the drying takes place as the grain comes into contact with hot air, as it moves through the drying tower. The perforated duct columns enable not only greater thermic exchange, but also better circulation and air contact with the grain, which contributes to more effective drying of the product.





MODEL	CAPACITY	DIMENSIONS (M)				TOTAL STATIC	AIR FLOW	FANS (CV)	SLUICE BOX (CV)
MODEL	(T/H)	А	В	С	D	CAP. (M ³)	(M³/H)		

Dryer

SECV-020	20	2.24	5.51	11	21.19	37.93	80,000	1x30.00	1x0.50
SECV-030	30	4.4	5.51	11	15.49	56.05	120,000	2x20.00	1x1.00
SECV-040	40	4.4	5.51	12	19.76	79.96	180,000	3x20.00	1x1.50
SECV-060	60	5.48	5.51	12	22.14	110.06	240,000	3x30.00	1x1.50
SECV-080	80	6.56	5.51	13.59	23.38	135.27	292,000	4x25.00	1x2.00
SECV-100	100	7.64	5.51	13.59	23.38	161.17	365,000	5x25.00	1x3.00
SECV-120	120	8.72	5.51	13.59	25.27	200.13	438,000	6x25.00	1x3.00
SECVE-150	150	10.78	6.01	14.19	25.58	250.17	560,000	7x30.00	1x4.00

Secador Semente

SESEE-20	20	2.24	5.51	11	15.01	29.13	60,000	1x20.00	1x0.50
SESEE-30	30	2.24	5.51	11	21.19	45.42	80,000	1x30.00	1x0.50
SESEE-40	40	4.4	5.51	11	15.49	58.26	120,000	2x20.00	1x1.00
SESEE-60	60	4.4	5.51	12	19.76	80.97	180,000	3x20.00	1x1.50
SESEE-80	80	5.48	5.51	12	22.14	117.27	240,000	3x30.00	1x1.50

Dryer Column

SECL-020	20	2.26	6.04	11.55	20.51	37.93	80,000	1x30.00	1x0.50
SECL-030	30	4.43	6.04	11.55	15.92	56.05	120,000	2x20.00	1x1.00
SECL-040	40	4.43	6.04	12.53	20.21	79.96	180,000	3x20.00	1x1.50
SECL-060	60	5.51	6.04	12.53	22.1	110.06	240,000	3x30.00	1x1.50
SECL-080	80	6.59	6.04	14.12	23.34	135.27	292,000	4x25.00	1x2.00
SECL-100	100	7.63	6.04	14.12	23.33	161.17	365,000	5x25.00	1x3.00
SECL-120	120	8.75	6.04	14.12	25.24	200.13	438,000	6x25.00	1x3.00
SECL-150	150	10.88	6.04	14.72	27.14	250.17	560,000	7x30.00	1x4.00

Capacity values are for soy, with a specific weight of 0.75 t/m3. - Humidity reduction from 18% to 14%. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to alter data at any time, due to the constantly evolving nature of the equipment". For seed dryers, the indicated capacity is in accordance with the standard. When used for seed drying, there will be a loss in productivity that may vary from process to process. Calculated based on a drying system with a solid, non-cooled column. Capacities may vary depending on surrounding temperatures, relative humidity, the starting humidity of the grain, maturity, variety, density, drying temperature and operation type (with or without cooling).

Furnace

The AGI Furnace has been designed to maximize fuel energy. It is composed of a large-capacity cast iron grill, and is lined with fire bricks throughout. It works by burning fuel within the furnace.

The direct air system forces hot air through the brick tunnel and the spark capture system, and is directed towards the dryer. The funnel is finished with galvanized panels and is easy to assemble, by screwing together the modular elements. The ash collection tray's opening and closing system is automated and connected to the dryer control panel, which aids improved temperature control.









MODEL	SPARK CONTAINER	DRYER MODEL	TODEL VALUE *CONSUMPT GRILLA		GRILL AREA	DIME (M)	ENSIO	NUMBER OF	
	MODEL	(T/H)	(KCAL/H)	ION (FUEL M³/H)	(M ²)	А	В	С	DOORS
FE-II	SCFE-I	ATÉ 30	1,843,680	1.38	1.84	2.85	1.53	2.00	1
FE-III	SCFE-I	ATÉ 40	2,605,200	1.95	2.60	3.79	1.78	2.00	1
FE-IV	SCFE-II	ATÉ 60	3,166,320	2.37	3.16	4.59	2.00	2.50	1
FE-V	SCFE-II	ATÉ 80	3,757,500	2.81	3.75	5.03	2.00	2.50	1
FE-VI	SCFE-III	ATÉ 100	5,170,320	3.87	5.16	4.04	3.00	3.00	2
FE-VII	SCFE-III	ATÉ 120	6,252,480	4.68	624	4.48	3.00	3.00	2
FE-VIII	SCFE-III	UP TO 150	7,504,980	5.61	7.49	5.03	3.48	3.00	2
FE-IX	SCFE-IV	ATÉ 200	10,100,160	7.56	10.08	5.63	3.73	3.00	2

* Based on using eucalyptus and an energy output of approximately 3,340 kcal/kg. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to alter this data at any time, due to the constantly evolving nature of the equipment".



Auxiliary windows can be used to filter the air, so as to stabilize internal pressure during burning and to prevent material that is still burning from being sucked into the dryer system.



The automated system allows for greater control of the airflow to fuel the furnace. This is linked to the drying system and is automated to open or close in accordance with the dryer's energy production requirements.



It is fully lined with fire bricks, which reduce energy loss when burning fuel.

Spark Capture System

The AGI Spark Capture System has been designed to prevent sparks from the furnace reaching the internal part of the dryer. It has a modular design with a directional system that takes in external air at the bottom. In the middle is a cyclonic intermediary system that captures any sparks in the air, and it has an upper system that directs air towards the dryer.

The complete design is soldered and sealed, which prevents any hot air from escaping. It can also be adapted to any kind of dryer. The circulated air forms a spiral, and is pushed towards the entry point. Rotating both clockwise and anti-clockwise, working with inertia, the heaviest particles are shifted to the edges of the unit, capturing any sparks that have been produced. It is designed for internal use.

Easy to put together, no winch is needed thanks to the modular system. The equipment has mobile pressure rings that are fitted externally, and which collect the ash discarded by the cyclonic system.







MODEL	SPARK CONTAINER	DRYER (T/H)	DIMENSION (MM) S				
	MODEL		Ø	А	В		
FE-II	SCFE-I	DRYER 20	2,600	1,898	3,180		
FE-III	SCFE-I	DRYER 30	2,600	1,898	3,180		
FE-IV	SCFE-II	DRYER 40	3,600	2,733	4,420		
FE-V	SCFE-II	DRYER 60	3,600	2,733	4,420		
FE-VI	SCFE-III	DRYER 80	5,200	3,507	6,068		
FE-VII	SCFE-III	DRYER 100	5,200	3,507	6,068		
FE-VIII	SCFE-III	DRYER 120	5,200	3,507	6,068		
FE-IX	SCFE-IV	DRYER 150	5,800	3,507	6,068		

"Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment".



System with clockwise and anti-clockwise valves start the unit's cyclonic system, and creates air

flow directed towards the cyclone tangents, thus optimizing functionality and spark capture.



A compact and highly efficient spark capture system that is adaptable to any of the dryer models. Patented and unique design.



Cyclone for storage and removal of solid residue captured by the system.

Pre-cleaning and Cleaning Unit

AGI open Pre-cleaning and Post-Cleaning Units are not only of the highest quality, but are also extremely robust. As they are constructed from numerous screwed parts, they are flexible and easy to maintain and repair. They also have a safety system that meets NR 12, NPT 27 and RTCBMRS N22 standards. Carefully designed operation platforms allow for safe usage during filter changes. The equipment uses exchangeable bags that can be positioned both on the left and right, according to your needs.



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Laterally positioned bags remove various impurities processed through the filter boxes and suction chamber.

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CAPACITY (T/H)

MODEL	PRODUCT	PRE- CLEANING	IMPURITIES AT ENTRY (%)	IMPURITIES AT ENTRY (%)			PRC	DUC	T HUI	MIDIT	Y (%)			
WIODEL	PRODUCT	AND			12	13	14	16	18	20	22	24	26	28
		POST-												
		CLEANING												
		UNIT												
	SOY CORN	MPL	5%	3%	69.5	68	66	63	60	54	48.5	43.5	40	36.5
60 t /h	WHEAT	ML	3%	1%	48.5	47.5	46	44.5	-	-	-	-	-	-
60 t/h	RICE	MPL	5%	3%	26	25	24	23	22	19	17	15	14	13
	RICE	ML	3%	1%	17	16	14	-	-	-	-	-	-	-
	SOY CORN	MPL	5%	3%	139	136	132	126	120	108	97	87	80	73
120 ± /b	WHEAT	ML	3%	1%	97	95	92	89	-	-	-	-	-	-
120 t/h	RICE	MPL	5%	3%	56	50	47	46	43	38	33	31	28	25
	RICE	ML	3%	1%	32	33	35	-	-	-	-	-	-	-
	SOY CORN	MPL	5%	3%	185	181	176	168	160	144	129	116	107	97
160 t/h	WHEAT	ML	3%	1%	130	127	123	119	-	-	-	-	-	-
100 t/11	RICE	MPL	5%	3%	80	77	76	72	60	54	48	41	38	34
	RICE	ML	3%	1%	48	47	45	43	-	-	-	-	-	-

MODEL	MOTOR	RS (CV)	SLUICE	FILTER AREA M ²	DIMENSIONS (M)					
	CONTAINER S	FAN			A/A'	B/B'	С	D	E	F
60 t/h	4.00	7.50	-	9.9	3.10	5.11	4.18	0.80	2.20	2.97
120 t/h	7.50	12.50	0.50	19.8	3.51	5.11	4.72	0.80	2.20	2.97
160 t/h	10.00	12.50	0.50	29.8	4.10	5.81	5.97	0.80	2.20	2.97
										A' and B' - ML 120 and 60 t/h

* The pre-cleaning unit capacity is for soy with a specific weight of 0.75 t/m³, with a maximum 18% humidity and reduction of impurity from 4% to 2%. "The data in this table is illustrative, and the manufacturer reserves the right to alter data at any time, due to the constant evolution of the product lines".



The filter frames are made from galvanized metal sheets. The dividers are slanted, which accelerates the speed of the rubber sphere, and increases cleaning power. Filters are easy to install and maintain.



Efficient, low-energy consumption suction

chamber with excellent particle capture.

Platforms enable safe and easy removal and exchange of filter frames.

Bucket Elevator

The AGI Bucket Elevator has been developed to haul grain vertically. It is modular and composed of a base – containing two entrance nozzles for cereal; the drum cage – containing a device to clean impurities and the manual mechanical stretcher; the head – which holds the maintenance platform; motor reducer; counter system (with a direct-drive option for the motor reducer) and release spout. The intermediary section includes an inspection window for viewing the buckets and conveyor belts for maintenance purposes. Depending on the elevator capacity, two types of motor reducer can be used. A small motor (light), which is installed using a hollow shaft with a torque arm, or a large motor (heavy), which is installed using a self-supporting structure that is joined to the drive drum. The exterior is covered with galvanized sheets that protect and extend the unit's lifespan, and enable the unit to be installed in different external environments that open to extreme weather conditions. The equipment has intermediary rest platforms at six or eight-meter intervals.





The elevators have a unique backstop system for the elevating conveyor belt. The system locks the conveyor belt in reverse when an attempt is made to start it, reducing any downtime caused by power outages and avoiding any clogging by the full buckets returning. This system is standard on all the elevator models apart from the 6" model.



Easy access inspection platforms allow for simple conveyor belt and bucket maintenance.



PLATAFORMA DE DESCANSO INTERMEDIARIA 06 A 08M

GUARDA CORPO

Head

MODEL	CAPACITY (T/H)	DIMENSION (MM) S					
		А	В	С	D		
EE-040	40	200	161	361	173		
EE-060	60	200	161	361	173		
EE-090	90	240	161	361	176		
EE-120	120	240	164	364	176		
EE-150	150	320	164	364	176		
EE-200	200	320	167	367	176		
EE-240	240	320	167	367	176		
EE-300	300	380	167	367	181		
EEV-120	120	240	161	361	173		
EEV-150	150	320	161	361	176		
EEV-200	200	320	164	364	176		
EEV-240	240	320	164	364	176		
EEV-300	300	380	164	364	176		
EEV-400	400	380	167	367	181		

Base



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JANELA DE INSPEÇÃO







MODEL	CAPACITY (T/H)		DIMENSIONS (MM)					
MODEL	CAFACITI (1711)	А	В	С	D	Е		
EE-040	40	176	116	145	120	315		
EE-060	60	176	116	145	120	315		
EE-090	90	201	120	145	120	315		
EE-120	120	201	120	145	120	315		
EE-150	150	201	120	145	120	315		
EE-200	200	201	124	148	120	315		
EE-240	240	201	124	148	120	315		
EE-300	300	213	125	169	140	316		
EEV-120	120	176	116	145	120	315		
EEV-150	150	201	120	145	120	315		
EEV-200	200	201	120	145	120	315		
EEV-240	240	201	120	145	120	315		
EEV-300	300	201	124	162	134	315		
EEV-400	400	213	125	169	140	316		

Top View

MODEL	CAPACITY (T/H)	DIMENSION (MM) S					
		А	В	С	D		
EE-040	40	553	257	267	1,066		
EE-060	60	553	257	267	1,066		
EE-090	90	553	277	317	1,107		
EE-120	120	553	277	377	1,107		
EE-150	150	553	277	377	1,107		
EE-200	200	553	297	477	1,147		
EE-240	240	553	297	477	1,147		
EE-300	300	553	304	559	1,162		
EEV-120	120	553	257	267	1,066		
EEV-150	150	553	277	317	1,107		
EEV-200	200	553	277	377	1,107		
EEV-240	240	553	277	377	1,107		
EEV-300	300	553	297	477	1,147		
EEV-400	400	553	304	559	1,162		

* Capacity values are for the vertical transportation of cereals with a specific weight of 0.75 t/m3. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment"

Open Belt Conveyor

The AGI Open Belt Conveyor has been designed for continuous horizontal or diagonal one-way or reversible grain transportation. It is constructed from several components: the drive system – where the motor reducer, unloading nozzle and stretcher are located, which provide belt traction and regulation; intermediary models; the loading apparatus – which receives the initial load, and which can be fixed or mobile. It functions through the traction of the activation drum, which is driven by the motor reducer and is transmitted throughout the length of the belt via heavyweight return pulleys and the return drum. When installed outdoors, it can be supplied with suitable covers

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to protect the grain from the weather. Intermediate storage of grain requires loading apparatus; intermediary unloading requires transportation carts, which can be mobile, fixed or reversible.



Intermediary distribution carts allow the cereal to exit any point of the conveyor belt. They are easy to operate manually at any point in the process.



MODEL	CAPACITY (T/H)	MAXIMUM LENGTH (M)	DIMENSIONS (MM)							
			А	В	С	D	Е	F	G	Н
CTE-060	60	250	200	200	720	1,166	3,795	3,000	1,500	3,915
CTE-090	90	250	240	240	820	1,166	3,795	3,000	1,500	3,915
CTE-120	120	250	240	240	820	1,166	3,795	3,000	1,500	3,915
CTE-150	150	250	320	320	820	1,166	3,795	3,000	1,500	3,915
CTE-200	200	250	320	320	920	1,166	3,795	3,000	1,500	3,915
CTE-240	240	250	320	320	920	1,166	3,795	3,000	1,500	3,915
CTE-300	300	250	380	380	1,100	1,166	3,795	3,000	1,500	3,915
CTE-400	400	250	380	380	1,100	1,166	3,795	3,000	1,500	3,915

* * Capacity values are for the vertical transportation of cereals with a specific weight of 0.75 t/m3. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment".



Distributions cart covers are designed to offer complete protection, and they allow for regular maintenance, independent of weather and climactic conditions.

Easily operated manual stretchers enable the conveyor belt support and grain transportation. transportation belt voltage to be continuously regulated.

Conveyor Belt

The AGI Conveyor Belt has been designed for continuous horizontal or diagonal one-way or reversible grain transportation. It is constructed from several components: the drive system – where the motor reducer, unloading nozzle and stretcher are located, which provide belt traction and regulation; the base – which houses the manual mechanical conveyor stretcher and product feed; and the intermediary module – which houses the conveyor itself. Intermediary entrance and exit points can be installed anywhere in the system for the loading and unloading of grain. Construtced from galvanized sheets, the upper covers are sealed to prevent damp and dust. The lower section holds a wearing plate, which is designed to increase the durability of the equipment. The motor reducer allows for smooth movement of the conveyor, and this, together with the upper and lower controls, can help to minimize operational noise. The equipment can be installed in closed or open locations, and will completely protect the grain from any weather conditions.







MODEL	CAPACITY (T/H) MAXIMUM LENGTH (M)			DIMENSIONS (MM)							
			А	В	С	D	E	F	G		
RDE-060	60	80	200	200	200	570	950	1,178	461		
RDE-090	90	98	240	240	250	570	950	1,178	461		
RDE-120	120	78	240	340	300	570	950	1,178	461		
RDE-150	150	65	320	320	330	570	950	1,178	461		
RDE-200	200	73	320	320	400	570	950	1,178	555		
RDE-240	240	64	320	320	400	570	950	1,178	555		
RDE-300	300	52	380	380	500	570	950	1,178	555		
RDE-400	400	40	380	380	600	570	950	1,178	555		

* Capacity values are for the horizontal transportation of cereals with a specific weight of 0.75 t/m3 and a maximum inclination of 18 degrees. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment".



Sturdy conveyor belts installed with UHMW scrapers reduce sound emissions and help to clean the base of the equipment.







Compact and easy to use conveyor stretchers.

Helicoidal Screw Conveyor

The Helicoidal Screw Conveyor has been designed for continuous horizontal or diagonal one-directional or reversible grain conveyance. It is a modular system, comprising: entrance module – which houses the product feed nozzle; intermediary modules; and a release module – which contains the drive motor reducer and discharge spout. The Helicoidal Screw Conveyor system enables the cereal to be loaded both through the inlet nozzle any others installed in the intermediary module. It also contains an intermediary discharge system with additional release spouts. The equipment can be provided with a reversible flow, which allows grain to be released in both directions. It can also be equipped with a left or right screw system than means it is possible to receive the product from both sides, offering a central release area. The whole system is sealed to avoid any dust emissions. The outer casing is made of galvanized painted sheets, which extend its lifespan, irrespective of where it is located or of any extreme weather conditions it is subject to.





MODEL	CAPACITY	MAXIMUM	D	IMENSI	ONS (MM)		DIMENSIONS (M)		HELICOIDAL
MODEL	(T/H)	LENGTH (M)	А	В	С	D	E	F	DIAMETER (MM)
THE-040	40	35	200	200	358	462	2 or 2.5 or 3	2 or 2.5 or 3	250
THE-060	60	30	200	200	408	505	2 or 2.5 or 3	2 or 2.5 or 3	300
THE-090	90	26	240	240	458	553	2 or 2.5 or 3	2 or 2.5 or 3	350
THE-120	120	20	240	240	508	582	2 or 2.5 or 3	2 or 2.5 or 3	400
THE-150	150	16	320	320	558	654	2 or 2.5 or 3	2 or 2.5 or 3	450

* Capacity values are for the vertical transportation of cereals with a specific weight of 0.75 t/m3. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment".



The endless screw system, with high capacity conveyor helicoids, provide whole-system security.

The product sample collection system, installed in the release spout, ensures increased safety while taking samples.

Sweeper Thread

The AGI Sweeper Thread has been designed for the final release of grain stored in the silo. It is composed of several different modules: a release spout – which houses the motor reducer and is the point at which the product is released; the body – which is constructed from "V" shaped sheets. There are two drive types. Manual drive, where the thread is part of the internal Helicoidal turning action, directs the grains to the center of the silo, where they are manually pushed in a circular

fashion; and automated drive (optional), which allows for a traditional circular thread movement. It uses self-lubricating plugs and protected bearings that offer added security. It has a modular design and can be installed in a silo of any size.



MODEL	NOMINAL THREAD CAPACITY	HELICOIDAL DIAMETER/TURN (M)	HARNESSED POTENTIAL (CV)	THREAD LENGTH (MM)
RV-SL-18	60	300	7.50	2,520
RV-SL-21	60	300	7.50	2,975
RV-SL-24	60	300	7.50	3,430
RV-SL-27	60	300	7.50	3,885
RV-SL-30	60	300	7.50	4,340
RV-SL-33	60	300	7.50	4,795
RV-SL-36	60	300	7.50	5,245
RV-SL-42	120	350	20.00	6,155
RV-SL-48	120	350	2x20. 00	7,065
RV-SL-54	120	350	2x20. 00	7,975
RV-SL-60	120	350	25.00	8,855
RV-SL-72	120	350	25.00	10675
RV-SL-90	120	350	30.00	13,405
RV-SL-108	120	350	40.00	16,130

* * Capacity values are for the vertical transportation of cereals with a specific weight of 0.75 t/m3. "Data in this table is for illustrative purposes only, and the manufacturer reserves the right to change data at any time, due to the constantly evolving nature of the equipment".



An optional automated activation system can be installed.

The support wheel adjustment system makes it possible to adjust to any variation in the floor level of the silo storage space.

Motor reducer with fixed parallel axes secured on simple, easy-to-use screw-fix structures.





Rodovia Raposo Tavares KM 431, SP-270, Via Robert Allan Stenson, nº 1000 Distrito de Nova Alexandria, Candido Mota -SP 19.882-000/Brazil (18) 3341.9800 | vendas@agibrasil.com.br

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