

SPECIFICATIONS & CAPACITIES

MODELS	L1250	L1350	L2550	L2650	L2700	L3100	L3105	L4145	L5175	L6205
Holding Capacity (bu)	474	712	904	1,019	1,019	1,326	1,326	1,633	1,940	2,247
Grain Column Thickness	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Grain Column Length	16'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"
Burner Capacity, heat+cool (MMBTU/hr)	3.29	3.97	7.46	10.33	10.33	16.45	16.91	14.32	19.09	23.86
Burner Capacity, all heat (MMBTU/hr)	5.01	7.01	10.56	13.50	13.50	20.01	19.89	22.08	26.85	31.62
Number of Fans	2	2	3	3	4	4	6	6	7	8
Total Fan Motor Size	25 HP	35 HP	55 HP	65 HP	70 HP	100 HP	105 HP	145 HP	175 HP	205 HP
Level Auger Motor Size	3 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	10 HP	10 HP	10 HP
Unload Auger Motor Size	1.5 HP	1.5 HP	1.5 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP
Overall Height	17'-6"	17'-6"	22'-6"	25'-6"	25'-6"	33'-6"	33'-6"	41'-6"	49'-6"	60'-9"
Overall Length	24'-5"	32'-5"	35'-7"	35'-7"	35'-7"	35'-7"	35'-7"	35'-7"	35'-7"	43'-10"
Overall Width	7'-5"	7'-5"	7'-5"	8'-4"	8'-4"	8'-4"	8'-4"	8'-4"	8'-4"	8'-4"
Electrical Load (208V/3ph/60Hz)	129 Amps	164 Amps	218 Amps	367 Amps	276 Amps	367 Amps	371 Amps	481 Amps	581 Amps	681 Amps
Electrical Load (230V/3ph/60Hz)	118 Amps	151 Amps	201 Amps	232 Amps	255 Amps	334 Amps	343 Amps	437 Amps	527 Amps	617 Amps
Electrical Load (460V/3ph/60Hz)	59 Amps	75 Amps	100 Amps	116 Amps	127 Amps	167 Amps	171 Amps	219 Amps	264 Amps	309 Amps
Capacity, Shelled Corn, heat + cool (bu/hr, 25%-15% w.b.)	up to 280	up to 410	up to 645	up to 735	up to 800	up to 1,100	up to 1,250	up to 1,350	up to 1,750	up to 2,188
Capacity, Shelled Corn, heat + cool (bu/hr, 20%-15% w.b.)	up to 430	up to 630	up to 1,010	up to 1,130	up to 1,230	up to 1,700	up to 1,900	up to 2,300	up to 2,925	up to 3,656
Capacity, Shelled Corn, all heat (bu/hr, 25%-15% w.b.)	up to 500	up to 730	up to 1,040	up to 1,170	up to 1,270	up to 1,490	up to 1,595	up to 1,670	up to 2,080	up to 2,496
Capacity, Shelled Corn, all heat (bu/hr, 22%-15% w.b.)	up to 615	up to 915	up to 1,300	up to 1,470	up to 1,590	up to 1,850	up to 1,970	up to 2,450	up to 3,050	up to 3,660
Capacity, Shelled Corn, all heat (bu/hr, 20%-15% w.b.)	up to 725	up to 1,080	up to 1,690	up to 1,895	up to 2,040	up to 2,350	up to 3,020	up to 3,700	up to 4,200	up to 5,040

* Grain discharged hot from the dryer at 17.5% moisture should result in a final moisture content of 15% after cooling (dryeration).

The information contained in this brochure is intended to assist our customers in selecting the grain drying system that they believe best meets their unique preferences and needs. The performance figures and capacities presented in this brochure are only estimates, based on calculated simulations, and do not constitute express or implied warranties. Many factors influence the grain drying process, including ambient temperature, relative humidity, grain variety, grain quality, grain temperature, dryer operating temperatures, dryer add-ons and accessories, and dryer condition, maintenance and operation.

At Mathews Company, we continuously strive to improve our products. Accordingly, changes may occur that are not reflected in the specifications and capacities contained in this brochure.



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GRAIN DRYER SPECIALISTS