

COMMERCIAL TOWER SERIES

SPECIFICATIONS & CAPACITIES

MODELS	3000	3500	4000	4800
Heat Section Holding Capacity (bu)	2,092	2,343	2,594	2,888
Cool Section Holding Capacity (bu)	700	700	826	826
Additional Holding Capacity (bu)	919	919	919	919
Total Height	85'-3"	91'-3"	100'-3"	106'-3"
Fill Height	83'-5"	89'-5"	98'-5"	104'-5"
Diameter	17'-6"	17'-6"	17'-6"	17'-6"
Grain Column Thickness	12"	12"	12"	12"
Number of External Walkways	2	3	3	3
Max Burner Capacity (MMBTU/hr)	33.7	36.3	42.5	44.2
Average Burner Capacity (MMBTU/hr)	20.2	21.8	25.5	26.5
Fan Airflow (SCFM)	153,000	156,000	193,000	200,000
Number of Fans	3	3	3	3
Fan Motor Size (HP)	50	60	75	75
Capacity (bu/hr, shelled corn, 20%-15% w.b.)	up to 3,000	up to 3,500	up to 4,000	up to 4,800
Capacity (bu/hr, shelled corn, 25%-15% w.b.)	up to 1,800	up to 2,100	up to 2,400	up to 2,800

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
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