

COMMERCIAL TOWER SERIES

SPECIFICATIONS & CAPACITIES

MODELS	3000	3500	4000	4800
Heat Section Holding Capacity, bu (m ³)	2,092 (73.4)	2,343 (82.2)	2,594 (91.0)	2,888 (101.3)
Cool Section Holding Capacity, bu (m ³)	700 (24.6)	700 (24.6)	826 (29.0)	826 (29.0)
Additional Holding Capacity, bu (m ³)	919 (32.2)	919 (32.2)	919 (32.2)	919 (32.2)
Total Height, (m)	85'-3" (26.0)	91'-3" (27.8)	100'-3" (30.6)	106'-3" (32.4)
Fill Height, (m)	83'-5" (25.4)	89'-5" (27.3)	98'-5" (30.0)	104'-5" (31.8)
Diameter, (m)	17'-6" (5.3)	17'-6" (5.3)	17'-6" (5.3)	17'-6" (5.3)
Grain Column Thickness, (cm)	12" (30.5)	12" (30.5)	12" (30.5)	12" (30.5)
Number of External Walkways	2	3	3	3
Max Burner Capacity, MMBTU/hr (kW thermal)	33.7 (9,849)	36.3 (10,609)	42.5 (12,421)	44.2 (12,919)
Average Burner Capacity, MMBTU/hr (kW thermal)	20.2 (5,904)	21.8 (6,371)	25.5 (7,453)	26.5 (7,745)
Fan(s) Total Airflow, CFM (m ³ /hr)	153,000 (259,947)	156,000 (265,044)	193,000 (327,907)	200,000 (339,800)
Number of Fans	3	3	3	3
Fan Motor(s) Size, HP (kW)	3 x 50 (3 x 37.3)	3 x 60 (3 x 44.7)	3 x 75 (3 x 55.9)	3 x 75 (3 x 55.9)
Capacity, Shelled Corn, 20%-15% ¹ wet bushels/hr (wet metric tonnes/hr) ² dry bushels/hr (dry metric tonnes/hr) ²	up to 3,190 (79.0) 3,000 (69.9)	up to 3,720 (92.1) 3,500 (81.6)	up to 4,250 (105.2) 4,000 (93.2)	up to 5,100 (126.2) 4,800 (111.9)
Capacity, Shelled Corn, 25%-15% ¹ wet bushels/hr (wet metric tonnes/hr) ² dry bushels/hr (dry metric tonnes/hr) ²	up to 2,040 (53.8) 1,800 (42.0)	up to 2,380 (62.8) 2,100 (49.0)	up to 2,720 (71.8) 2,400 (55.9)	up to 3,175 (83.8) 2,800 (65.3)

¹The 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.

²Capacities in metric tonnes/hr are based on a grain bulk density of: 749 kg/m³ (wet @ 25% moisture), 703 kg/m³ (wet @ 20% moisture), 661 kg/m³ (dry @ 15% moisture).



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.

Your Authorized M-C Dealer is:



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