

SPECIFICATIONS & CAPACITIES

MODELS	L1000	L1500	L2000	L3000	L4000	L5000	L6000
Dryer + Additional Holding, bu (m ³)	434 + 297 (15.3 + 10.5)	604 + 313 (21.3 + 11.0)	710 + 317 (25.0 + 11.2)	990 + 333 (34.9 + 11.7)	1,269 + 349 (44.7 + 12.3)	1,549 + 366 (54.6 + 12.9)	1,829 + 382 (64.5 + 13.5)
Total Holding, bu (m ³)	731 (25.8)	917 (32.3)	1,027 (36.2)	1,323 (46.6)	1,618 (57.0)	1,915 (67.5)	2,211 (78.0)
Column Thickness, (cm)	12" (30.5)	12" (30.5)	12" (30.5)	12" (30.5)	12" (30.5)	12" (30.5)	12" (30.5)
Overall Height ¹ / Width, (m)	18'-3" / 7'-10" (5.56 / 2.39)	23'-3" / 12'-3" (7.09 / 3.73)	26'-3" / 12'-3" (8.00 / 3.73)	34'-3" / 12'-3" (10.44 / 3.73)	42'-3" / 12'-3" (12.88 / 3.73)	50'-3" / 12'-3" (15.32 / 3.73)	58'-3" / 12'-3" (17.75 / 3.73)
Grain Column / Overall Length ² , (m)	24'-0" / 32'-6" (7.32 / 9.91)	24'-0" / 35'-8" (7.32 / 10.87)	24'-0" / 35'-8" (7.32 / 10.87)	24'-0" / 35'-8" (7.32 / 10.87)	24'-0" / 35'-8" (7.32 / 10.87)	24'-0" / 35'-8" (7.32 / 10.87)	24'-0" / 35'-8" (7.32 / 10.87)
<i>top of dryer</i> Fan Motor Size ³ , HP (kW) <i>bottom of dryer</i>	15 (11.2) / 30 (22.4)	30 (22.4) 20 (14.9) / 20 (14.9)	15 (11.2) / 30 (22.4) 20 (14.9) / 20 (14.9)	15 (11.2) / 30 (22.4) 1 x 30 (22.4) 20 (14.9) / 20 (14.9)	15 (11.2) / 30 (22.4) 2 x 30 (22.4) 20 (14.9) / 20 (14.9)	15 (11.2) / 30 (22.4) 3 x 30 (22.4) 20 (14.9) / 20 (14.9)	15 (11.2) / 30 (22.4) 4 x 30 (22.4) 20 (14.9) / 20 (14.9)
Level / Unload Auger Motor Size, HP (kW)	5 / 1.5 (3.7 / 1.1)	5 / 1.5 (3.7 / 1.1)	5 / 1.5 (3.7 / 1.1)	10 / 3 (7.5 / 2.2)	10 / 3 (7.5 / 2.2)	10 / 3 (7.5 / 2.2)	10 / 3 (7.5 / 2.2)
Expandability	Up to 3 Mods	Up to 3 Mods	Up to 3 Mods	Up to 6 Mods	Up to 6 Mods	Up to 6 Mods	Up to 6 Mods
Electrical Full Load Amps 230V / 460V 208V / 575V (380V)	161 / 79 177 / 70 (95)	222 / 110 244 / 94 (132)	262 / 129 288 / 110 (156)	344 / 170 379 / 143 (205)	414 / 206 456 / 171 (248)	484 / 241 534 / 199 (290)	554 / 276 612 / 227 (332)
ALL-HEAT MODE	L1000	L1500	L2000	L3000	L4000	L5000	L6000
Avg / Max Burner Operating, MMBTU/hr (kW thermal) ⁴	6.36 / 9.36 (1,864 / 2,743)	9.62 / 14.17 (2,819 / 4,153)	11.59 / 17.07 (3,397 / 5,003)	15.98 / 23.53 (4,683 / 6,896)	20.37 / 30.00 (5,970 / 8,792)	24.75 / 36.46 (7,254 / 10,685)	29.14 / 42.93 (8,540 / 12,582)
Drying Capacity, Shelled Corn, 20%-15% ^{5,6,7} wet bu/hr (metric tonnes/hr) dry bu/hr (metric tonnes/hr)	up to 1,320 (32.7) 1,270 (30.3)	up to 1,900 (47.0) 1,830 (43.7)	up to 2,305 (57.1) 2,220 (53.0)	up to 3,175 (78.6) 3,060 (73.0)	up to 4,060 (100.5) 3,910 (93.3)	up to 4,950 (122.5) 4,770 (113.8)	up to 5,810 (143.8) 5,600 (133.7)
Drying Capacity, Shelled Corn, 25%-15% ^{5,6,7} wet bu/hr (metric tonnes/hr) dry bu/hr (metric tonnes/hr)	up to 665 (17.5) 600 (14.3)	up to 975 (25.7) 880 (21.0)	up to 1,150 (30.3) 1,040 (24.8)	up to 1,615 (42.6) 1,460 (34.8)	up to 2,060 (54.4) 1,860 (44.4)	up to 2,525 (66.6) 2,280 (54.4)	up to 2,965 (78.2) 2,680 (64.0)
HEAT + COOL MODE	L1000	L1500	L2000	L3000	L4000	L5000	L6000
Avg / Max Burner Operating, MMBTU/hr (kW thermal) ^{4,8}	4.39 / 6.47 (1,287 / 1,896)	7.01 / 10.32 (2,054 / 3,024)	8.97 / 13.21 (2,629 / 3,871)	10.74 / 15.83 (3,148 / 4,639)	15.13 / 22.29 (4,434 / 6,533)	19.52 / 28.76 (5,721 / 8,429)	23.91 / 35.22 (7,007 / 10,322)
Drying Capacity, Shelled Corn, 20%-15% ^{5,7,8} wet bu/hr (metric tonnes/hr) dry bu/hr (metric tonnes/hr)	up to 745 (18.4) 700 (16.3)	up to 1,115 (27.6) 1,050 (24.5)	up to 1,405 (34.8) 1,320 (30.8)	up to 1,805 (44.7) 1,700 (39.6)	up to 2,425 (60.0) 2,280 (53.1)	up to 3,050 (75.5) 2,870 (66.9)	up to 3,690 (91.3) 3,470 (80.9)
Drying Capacity, Shelled Corn, 25%-15% ^{5,7,8} wet bu/hr (metric tonnes/hr) dry bu/hr (metric tonnes/hr)	up to 440 (11.6) 390 (9.1)	up to 680 (17.9) 600 (14.0)	up to 850 (22.4) 750 (17.5)	up to 1,065 (28.1) 940 (21.9)	up to 1,475 (38.9) 1,300 (30.3)	up to 1,880 (49.6) 1,660 (38.7)	up to 2,265 (59.8) 2,000 (46.6)

¹ Add 24" (.61m) for a 24" dryer stand set or 36" (.92m) for a 36" dryer stand set.

² Add 1'-0"(.30m) if remote cabinet is mounted to the dryer.

³ For modules which contain two fans, the fan motor sizes are shown as: Lower / Upper.

⁴ Operating burner capacities are based on a 150 deg F (83 deg C) temperature rise for average and 200 deg F (111 deg C) temperature rise for maximum.

⁵ Based on 220 deg F (104 deg C) heat plenum(s) temperature.

⁶ Discharging at 17% moisture.

⁷ Capacities in metric tonnes/hr are based on a grain bulk density of: 749 kg/m³ (wet @ 25% moisture), 703 kg/m³ (wet @ 20% moisture), 677 kg/m³ (dry @ 17% moisture), 661 kg/m³ (dry @ 15% moisture).

⁸ Based on bottom plenum in cooling mode for L1000-L2000 and bottom two (2) plenums in cooling mode for models L3000-L6000.

⁹ The information contained herein 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 document 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.



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