BROCK®

TOWER DRYERS UP TO 52 mt/hr

BROCK
STORAGE
DRYING
HANDLING
CONDITIONING
PRESERVED
SM

MEYER ENERGY MISER® Tower Dryer Specifications

Dryer Model	1000S	1200S	1400S	1600S	1800S	2000S	2400S
Dryer Diameter (Meters)	3.56	3.56	3.56	3.56	3.56	3.56	3.56
Overall Height (Meters)	13.06	14.58	16.48	17.63	18.77	20.29	22.96
Grain Column Width (Millimeters)	254 & 305	254 & 305	254 & 305	254 & 305	254 & 305	254 & 305	254 & 305
Double-Wide Double-Inlet Blower (Quantity – Kilowatts)	2 - 22.4 Kw	2 - 22.4 Kw	2 - 22.4 Kw	2 - 29.8 Kw	2 - 29.8 Kw	2 - 37.3 Kw	2 - 37.3 Kw
Typical burner use per hour at 150° C. (Suction Cool) BTUs in millions - Gigajoules	6.29 Mbtu 6.64 GJ	7.05 Mbtu 7.43 GJ	7.59 Mbtu 8.00 GJ	9.40 Mbtu 9.91 GJ	10.02 Mbtu 10.57 GJ	10.83 Mbtu 11.42 GJ	11.51 Mbtu 12.14 GJ
Unloading Motor (Kilowatts)	3.7	3.7	3.7	3.7	3.7	3.7	3.7

Grain Dryer Capacities*

Dryer Model		1000S	1200S	1400S	1600S	1800S	2000S	2400S
Corn Dry/Cool 20% to 15%	Metric Tons (wet) per Hour 10° C Average Ambient	25.4	29.5	34.0	39.0	42.2	46.0	52.0
Corn Dry/Cool 25% to 15%	Metric Tons (wet) per Hour 10° C Average Ambient	18.0	21.0	23.6	27.5	30.0	32.5	37.0
Corn Dry/Cool 30% to 15%	Metric Tons (wet) per Hour 10° C Average Ambient	13.0	15.0	17.0	20.0	21.0	23.0	26.0
Corn Full Heat 23% to 17% (FHMT 15% in silo)**	Metric Tons (wet) per Hour 10° C Average Ambient	34.2	39.5	44.0	50.4	53.6	57.8	64.3
Corn Full Heat 28% to 17.5% (FHMT 15% in silo)**	Metric Tons (wet) per Hour 10° C Average Ambient	23.9	27.0	30.1	34.5	36.7	39.5	44.0
Corn Full Heat 30% to 17.5% (FHMT 15% in silo)**	Metric Tons (wet) per Hour 10° C Average Ambient	20.8	23.2	26.1	29.9	31.8	34.3	38.1
Wheat Dry/Cool 18% to 13%	Metric Tons (wet) per Hour 25° C Average Ambient	24.0	27.5	31.0	36.5	39.0	42.5	48.0
Canola Pressure Cool 11% to 7%	Metric Tons (wet) per Hour 25° C Average Ambient	14.4	16.1	17.3	20.4	21.4	23.1	25.5

*Drying capacities are the result of a combination of field tests and averages of customer-reported capacities. These capacities should be attainable in one pass with mature, unfrozen, clean (maximum of 2% fines) grain when operating the dryer at the recommended drying temperature. Drying capacities will vary depending upon weather conditions, hybrid variety, grain maturity, and cleanliness of the grain.

**Full-Heat Moving Target (FHMT) anticipates the final moisture of the grain when it reaches the grain storage silo. Final moisture in the silo can be affected by ambient conditions, steeping times and cooling rates.

Chore-Time Brock International
A Division of CTB, Inc.
Milford, Indiana USA
Phone: +1.574-658-9323 • Fax: +1.574.685-9296
Internet: www.ctbworld.com
E-mail: world@ctbworld.com

CTB-1778/1108