

# MEYER ENERGY MISER® Tower Dryer Specifications

Dryer Model		1000S	1200S	1400S	1600S	1800S	2000S	2400S	2650S
Dryer Diameter	Feet/Inches	11' 8"	11' 8"	11' 8"	11' 8"	11' 8"	11' 8"	11' 8"	11' 8"
	Meters	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56
Overall Height	Feet/Inches	42' 10"	47' 10"	54' 1"	57' 10"	61' 7"	66' 7"	75' 4"	81' 7"
	Meters	13.06	14.58	16.48	17.63	18.77	20.29	22.96	24.87
Grain Column Width	Inches	12 & 10	12 & 10	12 & 10	12 & 10	12 & 10	12 & 10	12 & 10	12 & 10
	Millimeters	305 & 254	305 & 254	305 & 254	305 & 254	305 & 254	305 & 254	305 & 254	305 & 254
Double-Wide Double-Inlet Blower (Quantity - horsepower)		2 - 30	2 - 30	2 - 30	2 - 40	2 - 40	2 - 50	2 - 50	2 - 60
Typical burner use at 60°F./15.6° C. Suction Cool (Million BTU / hr)		5.8	6.4	6.7	8.6	8.8	9.6	10.8	11.4
Typical burner use at 10°F./-12.2° C. Suction Cool (Million BTU / hr)		7.5	8.2	8.6	11.0	11.2	12.2	13.8	14.5
Unloading Motor (Horsepower)		5	5	5	5	5	5	5	5

## Grain Dryer Capacities\*

Dryer Model		1000S	1200S	1400S	1600S	1800S	2000S	2400S	2650S
Corn Dry/Cool 20% to 15%	Bushels per Hour	1,000	1,200	1,400	1,600	1,800	2,000	2,400	2,650
Corn Dry/Cool 25% to 15%	Bushels per Hour	600	720	840	960	1,080	1,200	1,440	1,590
Corn Full Heat 20% to 15%**	Bushels per Hour	1,670	1,860	2,070	2,380	2,520	2,730	3,030	3,315
Corn Full Heat 25% to 15%**	Bushels per Hour	990	1,110	1,230	1,410	1,500	1,620	1,820	1,980

\*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.

\*\*Final moisture in bin after steeping and cooling. Final moisture in bin can be affected by ambient conditions, steeping times and cooling rates.



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