



MEYER® TOWER DRYERS UP TO 2,650 BPH



BROCK
SOLID
CONDITIONING

Proven, Fuel Efficient Technology For Continuous Flow Grain Drying

For continuous flow grain drying, Brock's MEYER ENERGY MISER® Tower Grain Dryer provides proven, fuel-efficient technology you can count on for drying duties. This Brock dryer offers capacities ranging from 1,000 to 2,650 bushels (25.4 to 67.3 metric tons) per hour with five points of moisture removal.

Multi-Mode Drying

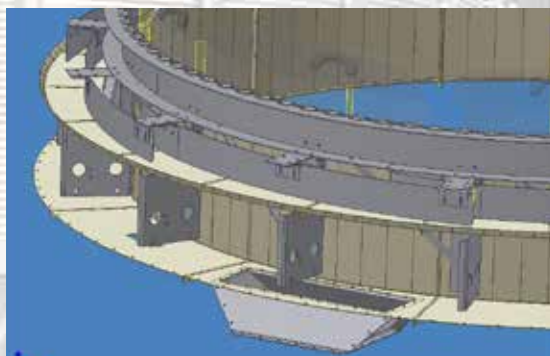
All MEYER ENERGY MISER Tower Grain Dryers utilize multi-mode drying. Producers can choose:

- Full heat drying for maximum capacity through the dryer.
- Pressure heat with suction cooling for maximum efficiency and capacity (saves up to 25% in fuel costs).
- Pressure heat with pressure cooling for some crops like sunflowers and milo where heat recycling is not desired.



SELF-CLEANING OPERATION

Brock's unique, self-cleaning plenum floor design allows particulate matter to recycle back into the grain safely while also reducing routine cleaning maintenance.



GENTLE GRAIN UNLOADING SYSTEM

Brock's innovative and gentle Circular Drag Grain Unloading System (patented) evenly meters grain from the grain columns and gently delivers it to the unloading point at the perimeter of the dryer. The speed of the unloading system is automatically adjusted to allow for moisture variations in the incoming wet grain.

INTUI-DRY® DRYER CONTROL

Brock's INTUI-DRY® Dryer Control provides reliable and intuitive dryer management. Web-based monitoring of Brock's INTUI-DRY® Dryer Controller gives enhanced remote access through a smart phone, tablet or laptop computer – for monitoring and controlling the dryer system anytime, nearly anywhere.



Features Include:

WET GRAIN GARNER BIN

Incoming grain is buffered for even distribution to the drying columns.

NARROWER COLUMNS AT THE TOP

Narrower width grain columns used at the top of the dryer increase air flow on the wettest grain to start the drying process sooner.

STAINLESS STEEL SCREENS

Wall screens are standard .094-inch (2.39 mm) perforation stainless steel outside and .078-inch (1.98 mm) perforation galvanized steel inside. Optional .078-inch (1.98 mm) perforation stainless steel outside screens are available to confine particulates for cleaner dryer operations. Optional .062-inch (1.58 mm) perforation galvanized screens are available for small grains.

ACCESS PLATFORMS

Access platforms with safety handrails extend around the tower dryer.

DOUBLE-INLET CENTRIFUGAL FANS

Industrial-grade, double-wide/double-inlet (DWDI) centrifugal wheels quietly deliver more air while using less horsepower. Fan unit is accessible from ground level for easy maintenance.

FULL FLAME-WALL BURNER

Brock's "full flame-wall" burner provides a generous flame surface and distributes heat evenly to the drying air. This aerodynamic, fuel-efficient burner provides uniform plenum temperatures to help maintain top grain quality. An all-stainless steel burner is standard on the MEYER 2650S and optional on other MEYER Dryer models.

UNOBSTRUCTED GRAIN COLUMNS

Grain entering Brock's MEYER ENERGY MISER Tower Dryer has an unobstructed gravity flow to the bottom of the tower. Fresh air along with electrical conduits and gas piping enter at the bottom of the dryer and not through the grain columns.

STEERING SECTION

A steering section at the base of the heat plenum allows the grain moisture and temperature to equalize before cooling, helping to minimize stress cracking in the grain for improved kernel quality.

GRAIN QUALITY OPTION

A special patented MOISTURE EQUALIZER® System is available for MEYER ENERGY MISER Tower Dryers where producers are striving for increased test weight and grain quality.

COMMERCIAL PLUMBING

Commercial grade gas train is standard.

FACTORY PRE-ASSEMBLED

For U.S. and Canadian customers, Brock's MEYER ENERGY MISER Tower Dryers are factory pre-assembled and tested before shipment to insure maximum quality, reduced assembly time and trouble-free operation.

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.



— BROCK SOLID® —

Safeguarding Your Grain® Since 1957

BROCK GRAIN SYSTEMS

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