



— BROCK SOLID® —

MEYER® TOWER DRYERS

Up To 2,650 BPH

**MEYER
2400S**

Safeguarding Your Grain® Since 1957



MEYER ENERGY MISER® Tower Grain Dryers

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 to 67 metric tons) per hour with five points of moisture removal.

Multi-Mode Drying

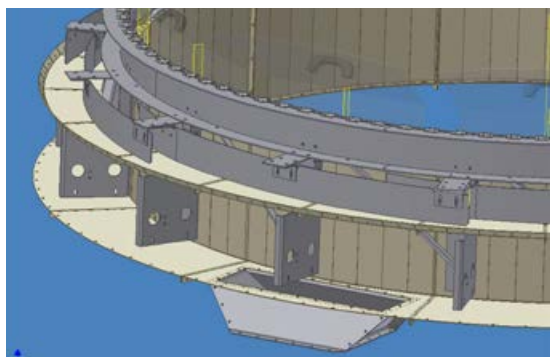
All MEYER ENERGY MISER Tower Grain Dryers utilize multi-mode drying. Producers can choose:

- Full heat
- Pressure heat with suction cooling
- Pressure heat with pressure cooling



SELF-CLEANING OPERATION

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

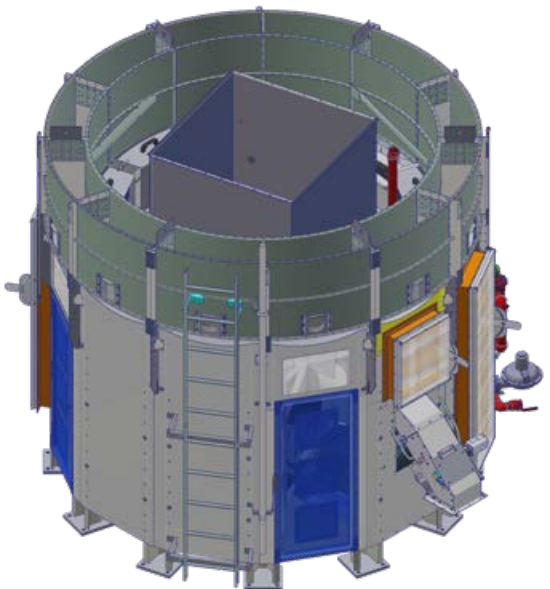


GENTLE GRAIN UNLOADING SYSTEM

Brock's patented Circular Drag Grain Unloading System 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 automatically adjusts to allow for moisture variations in 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.



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

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.

ACCESS PLATFORMS

Access platforms with safety handrails extend around the tower dryer.

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.

GRAIN QUALITY OPTION

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

UNOBSTRUCTED GRAIN COLUMNS

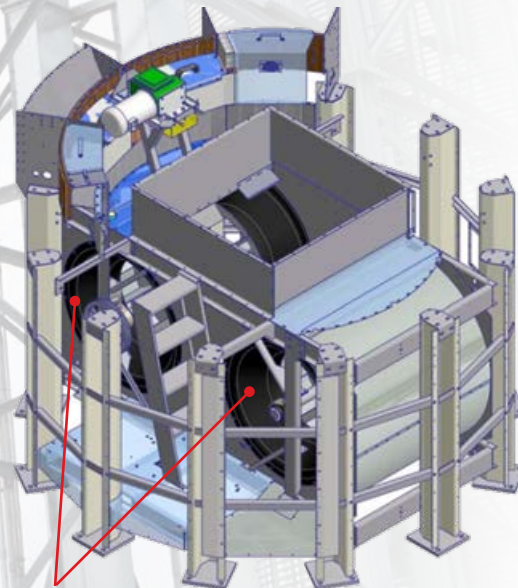
Grain entering Brock's MEYER ENERGY MISER Tower Dryer has an unobstructed gravity flow to the bottom of the tower. Fresh air along with electrical conduits and gas piping enter at the bottom of the dryer and not through the grain columns.

STEEPING SECTION

A steeping 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.

FULL FLAME-WALL BURNER

Brock's "full flame-wall" burner provides a generous flame surface and distributes heat evenly to help maintain top grain quality.



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.



MEYER ENERGY MISER® – Multi-Mode Drying

All MEYER ENERGY MISER Tower Grain Dryers utilize multi-mode drying, allowing you to choose:

- **Pressure Heat with Suction Cooling Mode 1** for maximum efficiency and capacity (saves up to 25% in fuel costs).
- **Pressure Heat with Pressure Cooling Mode 2** for some crops like sunflowers and milo where heat recycling is not desired.
- **Full Heat drying** for maximum capacity through the dryer.

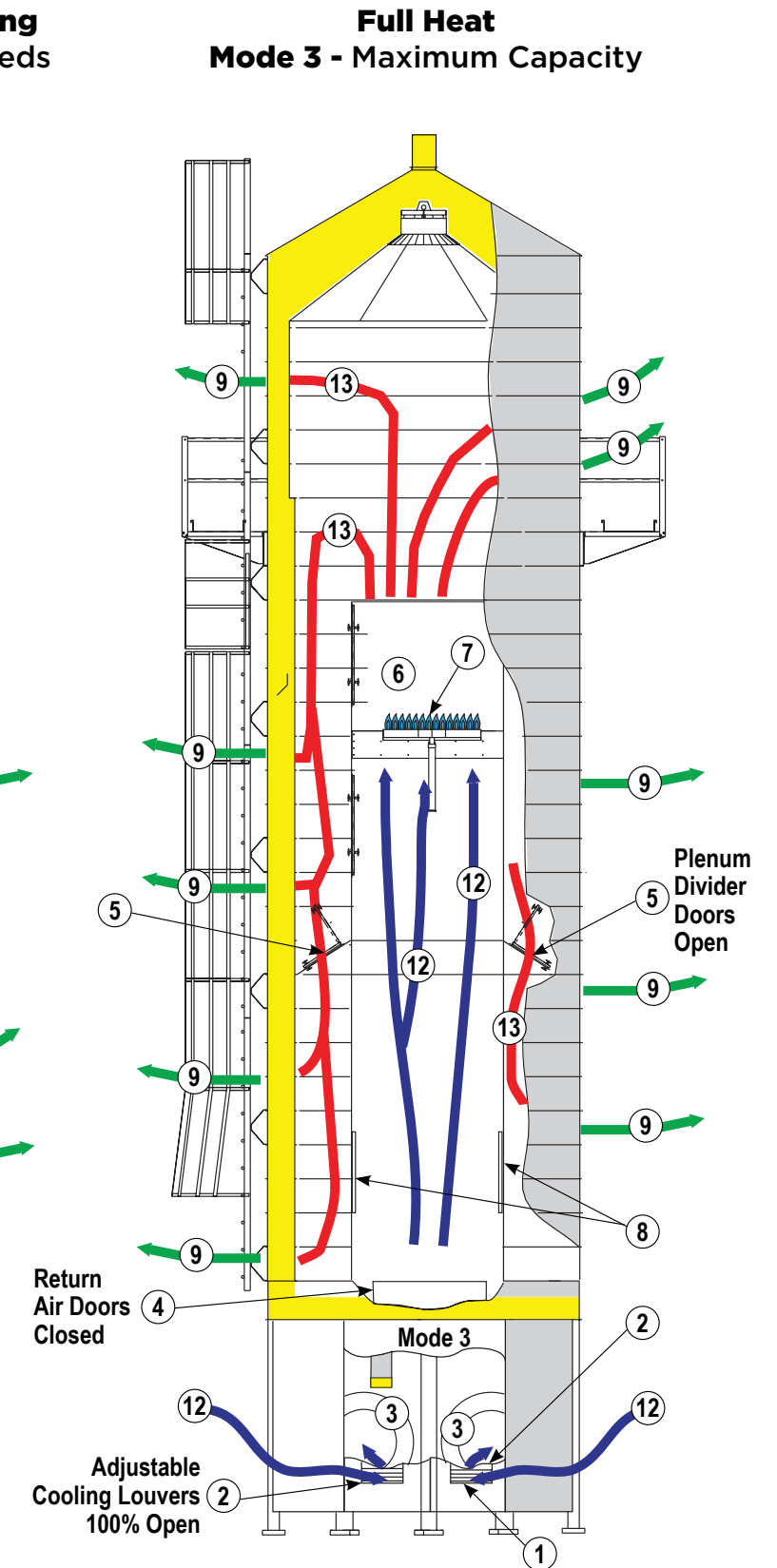
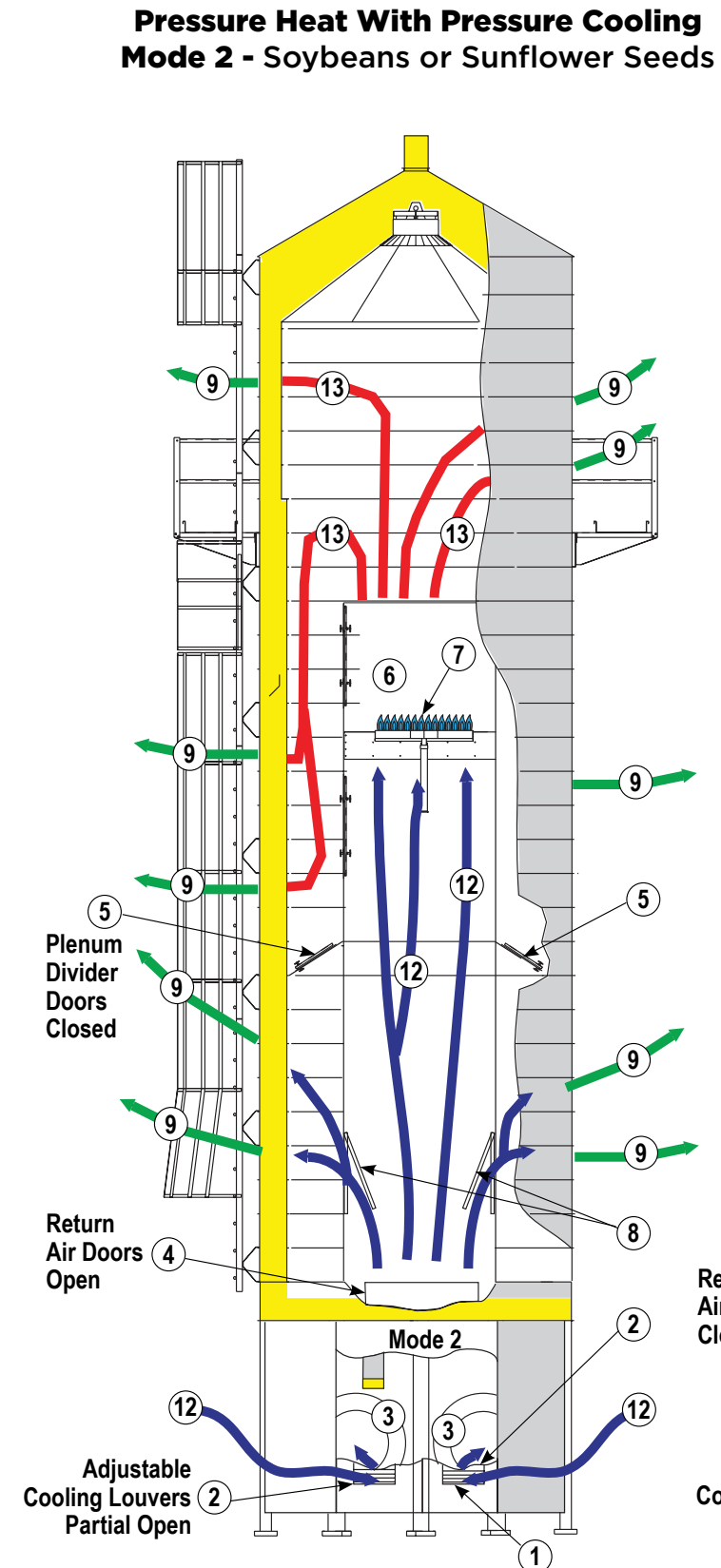
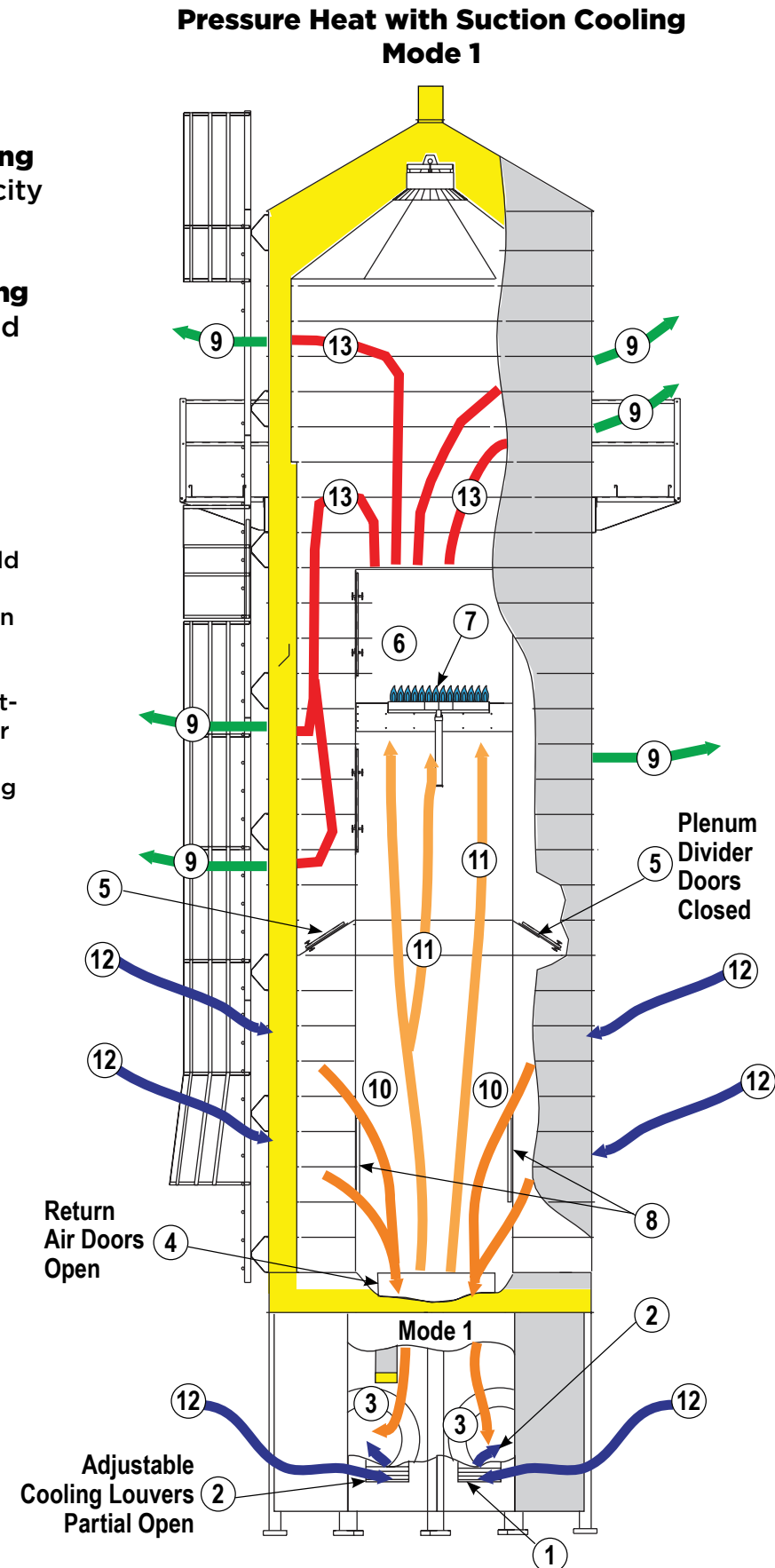
To maximize drying: The dried grain should not be cooled more than necessary. This requires an unnecessary expenditure of fan energy to pull the air through the cooling grain column—energy that could be better utilized to draw in a greater amount of outside air through the Louvered and Free Air Inlets for increased drying. This is one of the key MEYER® features: optimum cooling and maximized drying.

Airflow Key for Mode 1

- 11 - Reclaimed Air
- 10 - Reclaimed Heated Air
- 13 - Heated Air
- 9 - Exhausted Air
- 12 - Fresh Incoming Air

Item - Description

- 1 - Free Air Inlet
- 2 - Adjustable Louvers
- 3 - Blower
- 4 - Return Air Doors
- 5 - Plenum Divider Door
- 6 - Heat Duct
- 7 - Burner
- 8 - Air Splitter Panel (2)
- 9 - Exhausted Air
- 10 - Reclaimed Heated Air
- 11 - Blended Air
- 12 - Fresh Incoming Air
- 13 - Heated Air



Protecting Your Investment

When months of hard work go into producing a grain crop, trust it to the best in grain storage, drying and conditioning products: Brock.

Brock Solid® is our guarantee of trusted reliability you can count on day in and day out. It's unmistakable quality, built to last year after year. And it's the same guarantee we founded the company on back in 1957.

Today, our dealers continue to uphold those standards, providing the superior service and support customers expect from Brock. Brock Solid means you can depend on them and us. Times may change, but our solid values are stronger than ever.

For drying and storing grain, Brock continues to be the first choice for safeguarding grain. Brock Solid delivers. Always has, always will.



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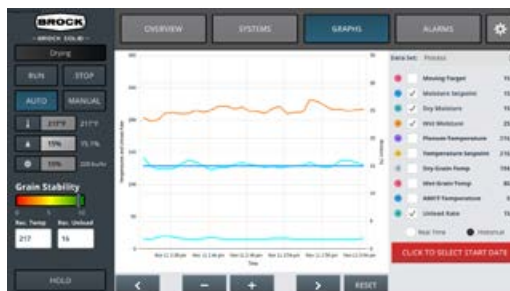


Backing up the INTUI-DRY® Controller, all Brock Dryers include the RELIA-DRY® panel-mounted basic control system.

Wet grain goes in. Dry grain comes out.



The **SYSTEMS** screen provides detailed access and control of main dryer systems.



The **GRAPHS** screen clearly outlines both wet and dry moisture percentages, so you can track trends throughout the day or further back in time.



The **ALARMS** screen lets you quickly see alarm events with codes and accurate timestamps.

INTUI-DRY® Dryer Control

Brock's INTUI-DRY® Dryer Control is innovative. It's intuitive. It's mission control made simple. The INTUI-DRY Controller's proven drying algorithms and straight-forward controls take grain drying to the next level.

Built from the ground up

From the solid-state components to the all-new software system, Brock took a clean-slate approach to build one of the most reliable and intuitive dryer management systems. INTUI-DRY Control also has quick connectors and fewer components for easy maintenance.

Easy connections

It connects to your dryer with standard Ethernet cable. If your grain drying system already has PLC controls, the INTUI-DRY Control can signal the PLC via three digital outputs that key conditions are occurring and can take a key action when signaled by the PLC through a digital input.

It's not rocket science.

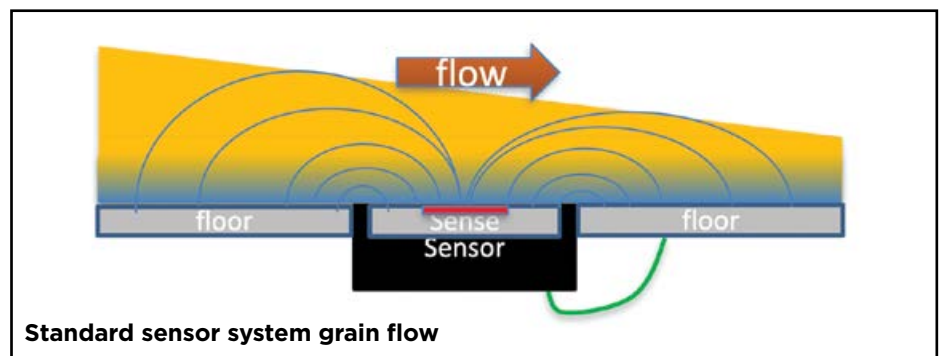
It's INTUI-DRY® Dryer Control.

TrueGrain™ Moisture Sensor System

Improving accuracy with Parallel Sensing Technology™

Grain passes through a parallel sensing field in a fixed vertical chamber that is isolated from factors such as buildup of grain fines, ambient temperature, condensation and electrical noise. The temperature probe is also located in this chamber for accurate measurements.

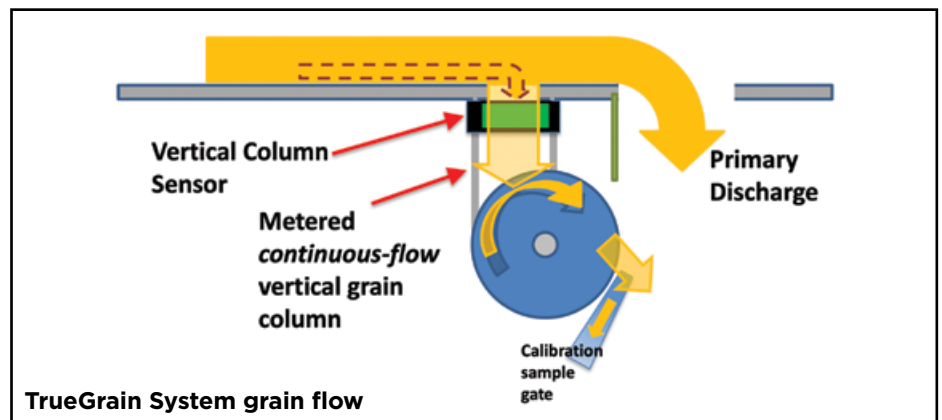
Grain dryers are only as accurate as their ability to measure moisture content and temperature. The problem with most existing drying systems is that grain flowing across horizontally mounted sensors creates inherent variability and measuring inaccuracies. That's why Brock created the TrueGrain™ Moisture Sensor System — a more consistent and accurate way to direct grain flow and measure grain moisture.



Standard sensor system grain flow

Changing grain flow for consistent measurements

With the TrueGrain System, grain is metered through a vertical chamber at a constant speed that provides a uniform sensing area. This unique design prevents fines and condensation from accumulating which could distort measurements. The metering wheel also provides convenient access to grain samples for manually cross-checking moisture content.



TrueGrain System grain flow

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
	Metric Tons per Hour	25	30	36	41	46	51	61	67
Corn Dry/Cool 25% to 15%	Bushels per Hour	600	720	840	960	1,080	1,200	1,440	1,590
	Metric Tons per Hour	15	18	21	24	27	30	37	40
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
	Metric Tons per Hour	42	47	53	60	64	69	77	84
Corn Full Heat 25% to 15%**	Bushels per Hour	990	1,110	1,230	1,410	1,500	1,620	1,820	1,980
	Metric Tons per Hour	25	28	31	36	38	41	46	50

*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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BROCK GRAIN SYSTEMS

A Division of CTB, Inc.

A Berkshire Hathaway Company

Phone: +1 866.658.4191

www.brockgrain.com

Email: sales@brockgrain.com

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