Unique EVENFLO® Unloading System

- Gentle handling of the grain using the EVENFLO® System's efficient, slow-moving drag-style conveyor.
- Patented conveyor unloading system replaces auger and metering rolls.
- Even unloading of grain columns with improved ability to pass most debris.
- More durable and safer to operate than auger systems.

Take-up adjustments are located at both ends of the conveyor. This feature helps you to easily adjust the chain if needed.

The EVENFLO® System’s uniform unloading of grain dryer columns provides consistent drying results. Slow, straight-line movement of grain is also ideal for sensor accuracy in monitoring exit moisture content.

Quanta’s® Controller

The QUANTUM® Controller provides accuracy in controlling moisture during the grain drying process. For full heat drying, the controller includes a patented “moving moisture target” feature. This unique feature anticipates the final moisture of the grain reaching the bin and reduces the grain’s moisture content as it moves through the dryer. The controller does this by monitoring moisture level fluctuations in the incoming and outgoing grain as well as by sensing temperature changes in exiting grain.

The popular QUANTUM Controller is able to regulate the discharge speed of the grain to match the capacity of the unloading system. To prevent over-drying, the controller can automatically reduce the plenum heat if the unloading rate limit is exceeded.

The QUANTUM® Controller is also easily upgradable to convert it to the more full-featured QUANTUM® Dryer Controller.
**SQ Series Grain Dryers – Features for Meeting Your On-Farm Grain Drying Needs**

**Continuous Flow Dryers with Louvers**

- Stainless Steel Outer Skins
- Stainless steel outer 18-gauge perforated skins are standard on all SUPERB ENERGY MISER® SQ Series Dryers for a lifetime of satisfaction. With proper care and maintenance, stainless steel perforated skins offer long life and high asset retention value.

- **Moisture Equalizers**
  - Patented Brock MOISTURE EQUALIZER® System maintains grain quality by moving the hottest and driest grain through the dryer faster for greater drying uniformity and less over-drying.

- **Efficient Full Flame-Wall Burner**
  - Brock’s full flame-wall burner with stainless steel baffles provides a generous square footage of flame surface and distributes heat evenly to all the grain columns. Using a shorter flame, this fuel-efficient Brock burner burns cleanly and provides uniform plenum temperatures to help maintain top grain quality.

- **Perforated Wet Garner Bin**
  - The drying process starts in the perforated wet garner bin. Heated air is routed from the dryer through this temporary grain holding area to pre-heat and begin drying the wet grain.

- **Vertical Access Plenum Door**
  - A 42 x 22 inch (107 x 56 cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

- **Easy Access for Service**
  - Access entrances at both the top and bottom of the dryer make it easy to service industrial-grade plumbing, burner, fan, motor, bearings, belts, linear limits, and the front of the unloading system.

- **Cool Air Control**
  - Adjustable cooling louvers help control grain temperature by regulating the amount of cool air used for vacuum-cooling mode.

**SQ Choice of Drying Modes**

- **SQ D Series**
  - Full Heat – Single Zone
  - Full Heat Continuous Flow Dryers
  - Continuous Flow Dryers Using Two Temperature Zones
  - Lower Service Access Area

- **SQ M Series**
  - Modified Full Heat – Single Zone or Two Zone
  - Pressure Heat / Pressure Cool
  - Pressure Heat / Vacuum Cool

- **SQ A Series**
  - Modified Full Heat – Single Zone or Two Zone
  - Pressure Heat / Pressure Cool
  - Pressure Heat / Vacuum Cool
  - Hot Air Return Ducts

- **SQ E Series**
  - Modified Full Heat – Single Zone or Two Zone
  - Pressure Heat / Pressure Cool
  - Pressure Heat / Vacuum Cool
  - Hot Air Return Ducts

- **SQ M Series**
  - Modified Full Heat – Single Zone or Two Zone
  - Pressure Heat / Pressure Cool
  - Pressure Heat / Vacuum Cool
  - Hot Air Return Ducts

- **SQ Series**
  - Continuous Flow Dryers with Louvers and Hot Air Return Ducts

**SQ Series Grain Dryers – Features for Meeting Your On-Farm Grain Drying Needs**

** parachutal components and benefits**

- **Vertical Access Plenum Door**
  - A 42 x 22 inch (107 x 56 cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

- **Easy Access for Service**
  - Access entrances at both the top and bottom of the dryer make it easy to service industrial-grade plumbing, burner, fan, motor, bearings, belts, linear limits, and the front of the unloading system.

- **Cool Air Control**
  - Adjustable cooling louvers help control grain temperature by regulating the amount of cool air used for vacuum-cooling mode.

**SQ Series Grain Dryers – Features for Meeting Your On-Farm Grain Drying Needs**

** parachutal components and benefits**

- **Vertical Access Plenum Door**
  - A 42 x 22 inch (107 x 56 cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

- **Easy Access for Service**
  - Access entrances at both the top and bottom of the dryer make it easy to service industrial-grade plumbing, burner, fan, motor, bearings, belts, linear limits, and the front of the unloading system.

- **Cool Air Control**
  - Adjustable cooling louvers help control grain temperature by regulating the amount of cool air used for vacuum-cooling mode.
**Continuous Flow Dryers with Louvers**

- **Stainless Steel Outer Skins**: Stainless steel outer 18-gauge perforated skins are standard on all SUPERB ENERGY MISER® SQ Series Dryers for a lifetime of satisfaction. With proper care and maintenance, stainless steel perforated skins offer long life and high asset retention value.

- **Moisture Equalizers**: Patented Brock MOISTURE EQUALIZER® System maintains grain quality by moving the hottest and driest grain through the dryer faster for greater drying uniformity and less over-drying.

- **Efficient Full Flame-Wall Burner**: Brock’s full flame-wall burner with stainless steel baffles provides a generous square footage of flame surface and distributes heat evenly to all the grain columns. Using a shorter flame, this fuel-efficient Brock burner burns cleanly and provides uniform plenum temperatures to help maintain top grain quality.

- **Vertical Access Plenum Door**: A 42 x 22 inch (107 x 56 cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

- **Perforated Wet Garner Bin**: The drying process starts in the perforated wet garner bin. Heated air is routed from the dryer through this temporary grain holding area to pre-heat and begin drying the wet grain.

- **Variable Width Grain Column**: A narrower upper grain column allows moisture-saturated drying air to escape. This variable widths design does more effectively than a larger holding capacity with a wider grain column.

- **Super Quiet Drying**: The SQ Series Dryers use a super quiet double-width, double-inlet centrifugal blower as standard equipment. This blower provides maximum airflow and efficiency while minimizing sound levels.

- **Cool Air Control**: Adjustable cooling louvers help control grain temperature by regulating the amount of cool air used for vacuum-cooling mode.

---

**SQ SERIES GRAIN DRYERS – FEATURES FOR MEETING YOUR ON-FARM GRAIN DRYING NEEDS**

**CHOICE OF DRYING MODES**

- **SQ D Series**: Full Heat – Single Zone
- **SQ E Series**: Modified Full Heat – Single Zone or Two Zone
- **SQ A Series**: Modified Full Heat – Single Zone or Two Zone
- **SQ M Series**: Full Heat Continuous Flow Dryers Using Two Temperature Zones
- **Hot Air Return Ducts**

---

**SQ Series Dryers Full Heat – Single Zone**

**SQ M Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Pressure Cool**

---

**SQ A Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Pressure Cool**

---

**SQ M Series**: Full Heat Continuous Flow Dryers

- **Pressure Heat / Vacuum Cool**

---

**SQ E Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Vacuum Cool**

---

**SQ M Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Vacuum Cool**

---

**SQ Series Dryers Full Heat – Single Zone**

**SQ M Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Pressure Cool**

---

**SQ A Series**: Modified Full Heat – Single Zone or Two Zone

- **Pressure Heat / Pressure Cool**

---

**SQ M Series**: Full Heat – Single Zone

- **Pressure Heat**

---

**SQ M Series**: Full Heat – Single Zone

- **Pressure Heat / Vacuum Cool**

---

**SQ M Series**: Full Heat Continuous Flow Dryers Using Two Temperature Zones

- **Hot Air Return Ducts**
**SQ SERIES GRAIN DRYERS — FEATURES FOR MEETING YOUR ON-FARM GRAIN DRYING NEEDS**

**Continuous Flow Dryers with Louvers**

**Efficient Full Flame-Wall Burner**

Brock’s full flame-wall burner with stainless steel baffles provides a generous square footage of flame surface and distributes heat evenly to all the grain columns. Using a shorter flame, this fuel-efficient Brock burner burns cleanly and provides uniform plenum temperatures to help maintain top grain quality.

**Perforated Wet Garner Bin**

The drying process starts in the perforated wet garner bin. Heated air is routed from the dryer through this temporary grain holding area to pre-heat and begin drying the wet grain.

**Variable Width Grain Column**

A narrow upper grain column allows moisture-saturated drying air to escape. This variable width design does more effectively than a larger holding capacity with a wider grain column.

**Cool Air Control**

Adjustable cooling louvers help control grain temperature by regulating the amount of cool air used for vacuum-cooling mode.

**Moisture Equalizers**

Patented Brock WHITE BEAUTY® System maintains grain quality by moving the hottest and driest grain through the dryer faster for greater drying uniformity and less over-drying.

**Vertical Access Plenum Door**

A 42 x 22-in (107 x 56-cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

**Upper Service Access Area**

A 42 x 22-inch (107 x 56-cm) vertical access door is provided for easy access to the dryer’s plenum area. A door safety switch is standard on all SUPERB ENERGY MISER Low-Profile Dryers. If the door is opened during operation, the dryer will shut down.

**Easy Access for Service**

Access entrances at both the top and bottom of the dryer make it easy to service industrial-grade plumbing, burner, fan, motor, bearings, belts, linear limits, and the front of the unloading system.

**Unobstructed Heat Movement**

The SQ Series Dryer’s unique built-in vaporizer is located out of the burner’s airflow to ensure uniform heat distribution.

**SQ SERIES GRAIN DRYERS — CHOICE OF DRYING MODES**

**SQ A Series**
- Modified Full Heat – Single Zone or Two-Zone
- Pressure Heat / Pressure Cool
- Pressure Heat / Vacuum Cool

**SQ B Series**
- Full Heat – Single Zone
- Pressure Heat / Pressure Cool
- Pressure Heat / Vacuum Cool

**SQ M Series**
- Full Heat Continuous Flow Dryers Using Two Temperature Zones
- Pressure Heat / Pressure Cool
- Pressure Heat / Vacuum Cool

**SQ E Series**
- Modified Full Heat – Single Zone or Two-Zone
- Pressure Heat / Pressure Cool
- Pressure Heat / Vacuum Cool

**SQ G Series**
- Full Heat Continuous Flow Dryers
- Pressure Heat / Pressure Cool
- Pressure Heat / Vacuum Cool

**SQ Full Heat Continuous Flow Dryers with Louvers**

**Stainless Steel Outer Skins**

Stainless steel outer 18-gauge perforated skins are standard on all SUPERB ENERGY MISER® SQ Series Dryers for a lifetime of satisfaction. With proper care and maintenance, stainless steel perforated skins offer long life and high asset retention value.

**Stainless Steel Outer Skins**

Stainless steel outer 18-gauge perforated skins are standard on all SUPERB ENERGY MISER® SQ Series Dryers for a lifetime of satisfaction. With proper care and maintenance, stainless steel perforated skins offer long life and high asset retention value.
Unique EVENFLO® Unloading System

• Gentle handling of the grain using the EVENFLO® System's efficient, slow-moving drag-style conveyor.
• Patented conveyor unloading system replaces auger and metering rolls.
• Even unloading of grain columns with improved ability to pass most debris.
• More durable and safer to operate than auger systems.

Take-up adjustments are located at both ends of the conveyor. This feature helps you to easily adjust the chain if needed.

How Does the Brock EVENFLO® Dryer Unloading System Work?

• The top portion of the chain conveyor passes by the column of dried grain, continuously removing grain from the column.
• Grain is then carried to square holes allowing the grain to fall through to the bottom trough.
• Paddles on the conveyor move the dried grain to the dryer discharge.

Clean up between crops or at the end of the drying season is easy:
• The top of the conveyor assembly can be taken out of the dryer for safer, easier cleaning.
• No motor rolls to clean.

The EVENFLO® System's uniform unloading of grain dryer columns provides consistent drying results. Slow, straight-line movement of grain is also ideal for sensor accuracy in monitoring exit moisture content.

Low horsepower, variable-speed AC motor is used to economically power the EVENFLO System.

Brock's advanced QUANTUM® Dryer Controller provides accuracy in controlling moisture during the grain drying process. For full heat drying, the controller includes a patented "moving moisture target" feature. This unique feature anticipates the final moisture of the grain reaching the bin and manages the grain's moisture content as it moves through the dryer. The controller does this by monitoring moisture level fluctuations in the incoming and outgoing grain as well as by sensing temperature changes in exiting grain.

The popular QUANTUM Controller is able to regulate the discharge speed of the grain to match the capacity of the unloading system. To prevent over-drying grain, the controller can automatically reduce the plenum heat if the unloading rate limit is exceeded.

The QUANTUM Controller is a temperature-based controller and comes as the standard dryer controller. It is mounted in a lighted, industrial-grade control panel that is weather- and dust-proof and has dual doors.

The popular QUANTUM Controller is able to regulate the discharge speed of the grain to match the capacity of the unloading system. To prevent over-drying grain, the controller can automatically reduce the plenum heat if the unloading rate limit is exceeded.

Brock’s Solutions For On-Farm Grain Storage, Handling, Conditioning & Drying

Brock Grain Systems
1601 West Volusia Avenue, Deland, FL 32720
Phone: 866-353-8839
Fax: 386-365-2847
Website: www.brockgrain.com
E-mail: dryers@graindryers.com

SQ SERIES DRYERS

ADVANCED ELECTRONIC GRAIN DRYING CONTROLS

Brock’s advanced QUANTUM® Dryer Controller provides accuracy in controlling moisture during the grain drying process. For full heat drying, the controller includes a patented “moving moisture target” feature. This unique feature anticipates the final moisture of the grain reaching the bin and manages the grain’s moisture content as it moves through the dryer. The controller does this by monitoring moisture level fluctuations in the incoming and outgoing grain as well as by sensing temperature changes in exiting grain.

The popular QUANTUM Controller is able to regulate the discharge speed of the grain to match the capacity of the unloading system. To prevent over-drying grain, the controller can automatically reduce the plenum heat if the unloading rate limit is exceeded.

The QUANTUM Controller is a temperature-based controller and comes as the standard dryer controller. It is mounted in a lighted, industrial-grade control panel that is weather- and dust-proof and has dual doors.

The QUANTUM Controller is also easily upgradable to convert it to the more full-featured QUANTUM® Dryer Controller.

Brock’s Solutions For On-Farm Grain Storage, Handling, Conditioning & Drying

Brock Grain Systems
1601 West Volusia Avenue, Deland, FL 32720
Phone: 866-353-8839
Fax: 386-365-2847
Website: www.brockgrain.com
E-mail: dryers@graindryers.com

QUANTUM® Controller
A Proven Record Of Reliability

Brock’s Solutions For On-Farm Grain Storage, Handling, Conditioning & Drying
Unique EVENFLO® Unloading System Is Part of Brock's Difference by Design

- Gentle handling of the grain using the EVENFLO® System's efficient, slow-moving drag-style conveyor.
- Patented conveyor unloading system replaces auger and metering rolls.
- Even unloading of grain columns with improved ability to pass most debris.
- More durable and safer to operate than auger systems.

Take-up adjustments are located at both ends of the conveyor. This feature helps you to easily adjust the chain if needed.

How Does the Brock EVENFLO® Dryer Unloading System Work?

- The top portion of the chain conveyor passes by the column of dried grain, continuously removing grain from the column.
- Grain is then carried to square holes allowing the grain to fall through to the bottom trough.
- Paddles on the conveyor move the dried grain to the dryer discharge.

Clean up between crops or at the end of the drying season is easy:
- The top of the conveyor assembly can be taken out of the dryer for safer, easier cleaning.
- No motor rolls to clean.

The EVENFLO® System's uniform unloading of grain dryer columns provides consistent drying results. Slow, straight-line movement of grain is also ideal for sensor accuracy in monitoring exit moisture content.

Brock’s advanced QUANTUM® Dryer Controller provides accuracy in controlling moisture during the grain drying process. For full heat drying, the controller includes a patented “moving moisture target” feature. This unique feature anticipates the final moisture of the grain reaching the bin and maintains that grain’s moisture content as it moves through the dryer. The controller does this by monitoring moisture level fluctuations in the incoming and outgoing grain as well as by sensing temperature changes in exiting grain.

The popular QUANTUM Controller is able to regulate the discharge speed of the grain to match the capacity of the unloading system. To prevent over-drying grain, the controller can automatically reduce the plenum heat if the unloading rate limit is exceeded.

The SPECTRUM® Controller is also easily upgradeable to convert it to the more full-featured QUANTUM® Dryer Controller.

Brock's Solutions For On-Farm Grain Storage, Handling, Conditioning & Drying