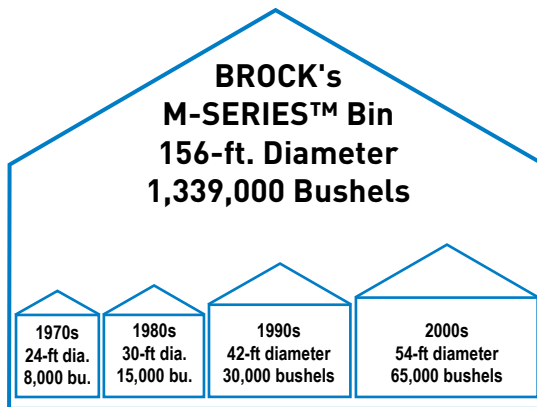


# Brock's New M-SERIES™ Million-Bushel Grain Bins



A Market Leader in Volume, Diameter, Roof Strength and Capacity

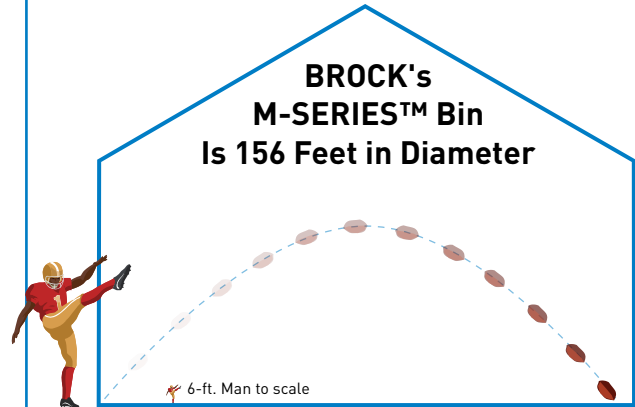
## VOLUME



### Average On-Farm Grain Storage Bins Are Getting Larger

Commercial grain companies commonly store up to several million bushels of corn at one location. Using larger bins like Brock's M-SERIES™ 156-ft diameter 1.34-million bushel capacity grain bin to store corn allows those companies to help control and reduce facility costs and storage losses.

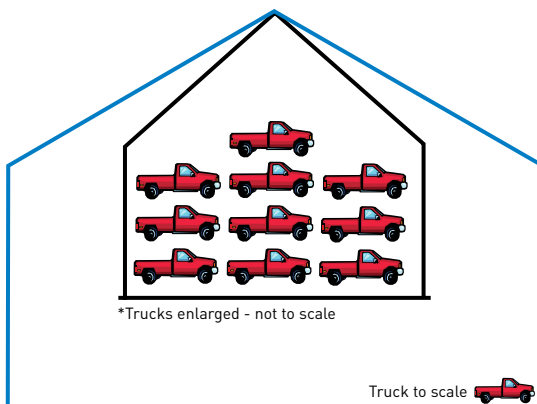
## DIAMETER



### How Far Is 156 Feet?

- Brock's 156-foot diameter bin measures 52 yards across.
- The average high school quarterback throws the football a distance of 40 to 50 yards.
- National Football League kickers struggle to kick the football longer than 50 yards.

## ROOF STRENGTH



### BROCK's 156-ft Diameter M-SERIES™ Grain Bin

- Features the strongest bin roof and the largest free-span grain bin roof in the grain industry
- Supports up to 50,000 pounds in roof peak loads – equivalent to ten large pickup trucks

## CAPACITY



### How Much Is 1.34 Million Bushels?

- It would take three 24-hour days to fill Brock's 156-foot diameter bin using 1,394 semitruck loads of corn.
- That is approximately \$5 million worth of corn!

# Need A Million-Bushel Storage Grain Bin?



**Use Brock's Experience for Your Success!**

Brock Grain Systems M-SERIES™ line of commercial grain storage bins features single bin capacities over a million bushels, a free-span roof, a unique SMOOTHCORR™ Sidewall System and single-pass sweep operation.



Free-span roof structure for Brock's M-SERIES™ 156-foot (47.5-m) diameter grain storage bin

## Brock M-SERIES™ Bin Specifications

Bin Diameter	156 Feet 47.5 m	132 Feet 40.2 m
Storage Range	1.0 to 1.34 million bushels	700,000 to 1.18 million bushels
Maximum Eave Height	70 Feet 21.3 m	91 feet 27.7 m
Maximum Fill Height	112 feet 34.1 m	126.5 feet 38.6 m

## Unique bin features include:



### Free-Span Roof Structure

- Roof peak loads up to 50,000 lbs. (22,700-kg) and 50 lbs. per square foot (244 kilograms per square meter) ground snow loads without center support towers.
- Temperature cable hangers (shown) are built into the rafter system.
- Special rafter and purlin connections unite the roof structure to more fully develop roof strength to resist bending and to more efficiently handle unbalanced snow loads.



### Single-Pass Sweep Operation

- Brock's FULL-SWEEP® Bin Anchor System is a standard feature to provide the firm footing required for single-pass sweep operation.
- Brock MODEL ABC™ Bin Sweep offers both wheel and crawler track drive options.
- Sweep capacities of up to 20,000 bushels per hour.



### SMOOTHCORR™ Sidewall System (patent pending)

- The outer sidewall has Brock's narrow-corrugation surface for excellent wind resistance.
- The inner sidewall features Brock's exclusive smooth-wall surface that allows grain to more easily flow down and out of the bin, reducing load stresses on the bin's sidewall, stiffeners and footer.
- Air trapped in the corrugations between the two body sheets contributes insulation value to the sidewall which helps preserve grain quality.



### Auxiliary Systems

- Complete temperature cable packages.
- Aeration systems up to 1/7 cfm per bushel air flow.

### Want More Information?

- Contact **Brock Grain Systems** at: **Brock@BrockGrain.com**
- Visit Brock's Web site at [www.BrockGrain.com](http://www.BrockGrain.com)



*Different By Design™*

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