



# Bulkan® and Bulkan® EX Container System

Smarter assembly, stronger scoop

Since their creation in 1942, Bulkan® containers have set the standard for bulk ice cream packaging. Today, they're familiar and widely scooped for a reason: producers and scoopers alike rely on durable, functional containers. Assemble them in-plant with the Bulkan® system to gain control of production, save freight costs and reduce warehouse space.

**Huhtamaki**

# Time-Honored Innovation: The Bulkan® and Bulkan® EX Containers

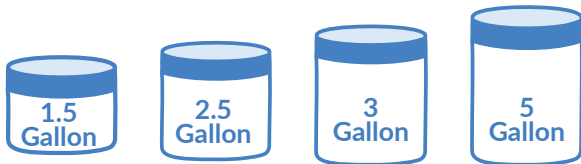
From inception, the Bulkan® container has been designed as a solution to the unique challenges bulk ice cream producers face. Its stackability, superior moisture barrier, durability and its components that are made in the USA\* make it a proven winner at keeping your product, and your reputation, at its peak.

The Bulkan® EX container delivers the same performance, reliability and value as the market-leading original but was engineered to help producers satisfy food safety concerns and enhance product quality with next-generation technology. The Bulkan® EX container can be scanned with metal detection systems. Additionally, in the place of metal bands, the durable plastic top ring and recessed bottom give the Bulkan® EX container the same rigid construction as the original. The top ring is secured with our innovative “Positive Mechanical Lock,” a smooth plastic-to-paper transition that leaves no gaps.

## Available options

Printed or unprinted sidewalls and covers available in SBS or Kraft substrates.

### Bulkan® Containers



### Bulkan® EX Containers



\*Excludes EX plastic ring

## Key Benefits for Producer

- 1 Bulkan® container equipment and components are made in the USA\*. Shipping flat components versus receiving pre-formed containers takes trucks off the road by maximizing freight space while reducing your required warehouse space.
- 2 The containers are made of renewable paperboard that is 100% certified, which helps producers meet plastic reduction goals.
- 3 With the Bulkan® system, get complete inventory control to assemble as many Bulkan® containers as you need, when you need them.
- 4 The bottoms of Bulkan® containers are recessed, which provides you with more stability and makes stacking during hardening, distribution, and shipping easier compared to flat-bottom containers.

## Key Benefits for the End-User

- 1 Bulkan® containers are the industry standard and fit in most pre-existing dipping cabinets.
- 2 100% certified paperboard appeals to the increasing awareness of environmental impact and social responsibility amongst end-consumers.
- 3 End users trust the material quality of Bulkan® containers and appreciate their advanced manufacturing processes and traceability.



Sustainability starts with in-plant systems.

Make sustainable strides with the Bulkan® System. By shipping components flat and bringing container forming in-plant versus receiving preformed containers, frozen dessert producers can cut back on freight costs and reduce warehouse space. Plus, the container's paperboard components are made of paperboard fiber from certified sources, ensuring that the fiber comes from responsible, renewable sources.

## The Bulkan® System

Bulkan® systems work in your plant to streamline production and help your bottom line. Designed and built in the United States by equipment engineers who understand packaging, the machines are efficient and easy to operate. We offer several forming equipment options to match the speed required at your facility.

*Minimum utility requirements.  
Simple operation. Optional  
maintenance plans. All designed  
to deliver maximum value.*

Bulkan® forming systems fit in a small footprint and are designed for demanding production facilities. With just a few adjustments, you can produce different capacity containers all on one machine. Plus, all Huhtamaki system equipment is backed by our service technicians and extensive parts inventory to keep you running efficiently.

Discover how Bulkan® systems work in your plant with the following equipment:

## FM-1800 FBA Foot Operated Former



**Containers:** 1.5-5 gallon

**Production Rate:** 2-3 containers/minute

**Length:** 25 in (635 mm)

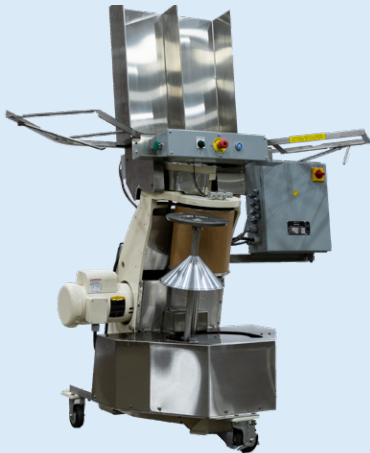
**Width:** 18 in (457 mm)

**Height:** 41 in (1041 mm)

**Weight:** 235 lbs (106 kg)

**Electrical:** 115 Volts AC, 7.4 amps, 1-phase, 50/60 Hz

## FM-1800-ABA Automated Bulkan® Assembler



**Containers:** 1.5-5 gallon

**Production Rate:** 4-5/minute

**Length:** 36.5 in (1702 mm)

**Width:** 67 in (927 mm)

**Height:** 72.25 in (1848 mm)

**Weight:** 550 lbs (249 kg)

**Electrical:** 1 hp, 115/230 Volts AC, 60 Hz, 1-phase

## FM-1800-RIP Ring-In-Place Bulkan® Assembler



**Containers:** 1.5-5 gallon

**Production Rate:** 8-10 containers/minute

**Length:** 43 in (1092 mm)

**Width:** 86 in (2184 mm)

**Height:** 51 in (1295 mm)

**Weight:** 800 lbs (363 kg)

**Electrical:** 1 hp, 230 Volts AC, 50/60 Hz, 1-phase, 5 amps

**Pneumatic:** 1.0 scfm @ 60 psig, measured at machine  
(recommended operating pressure is 45 psig.)

## FM-1900-FABA Fully Automated Bulkan® Assembler



**Containers:** 3 gallon

**Production Rate:** 20-25 containers/minute

**Length:** 114 in (2895 mm)

**Width:** 119 in (3022 mm)

**Height:** 78 in (1981 mm)

**Weight:** 9000 lbs (4082 kg)

**Electrical:** 480 Volts AC, 3-phase, 60 Hz, 30 amps

**Pneumatic:** 65 scfm @ 80 psig, measured at machine

## FM-2000 Bulkan® EX Forming Machine



**Containers:** 3 gallon

**Production Rate:** 8-10 containers/minute

**Length:** 66.5 in (1689 mm)

**Width:** 49 in (1245 mm)

**Height:** 90.6 in (2301.24 mm)

**Weight:** 5900 lbs (2676 kg)

**Electrical:** 240 Volts AC, 3-phase, 80 amps

**Pneumatic:** 25 scfm @ 90 psig, measured at machine



Made in USA\*



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\*Excludes EX rings.

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