BMQ

Efficiency Unleashed:
Discover BMQ's Volumetric Mixer

The On-site Solution
Simplify job site operations with high-quality materials and ready-to-use mixes from BMQ, the exclusive supplier of UHPC Ductal and innovative CHRONOMax and ADHEMax products. Experience the power of BMQ's durable solutions, allowing structures to reopen to traffic in just 3 hours after pouring.

All this is made possible thanks to the volumetric mixer whose illustration below shows how it works.

Enhanced Material Storage
Each concrete ingredient (sand, stone, cement, water, and admixture) is stored separately for precise control. **(1)** Open bins store sand and stone, while **(2)** a closed, watertight bin houses the cement behind the aggregates. **(3)** Water is conveniently supplied through an auxiliary tank, and **(4)** integrated admixture tanks ensure easy access.

Streamlined Control Setup
After loading the storage bins, the operator selects the ideal mix design for the pour. **(5)** The sand and stone gate adjusts to the correct position, and precise flow rates for admixture and water are set.

Efficient Concrete Production
(6) Initiating the process with a single button press, the operator sets the production in motion. **(7)** The materials flow beneath the «strike off» gates as they exit the respective bins.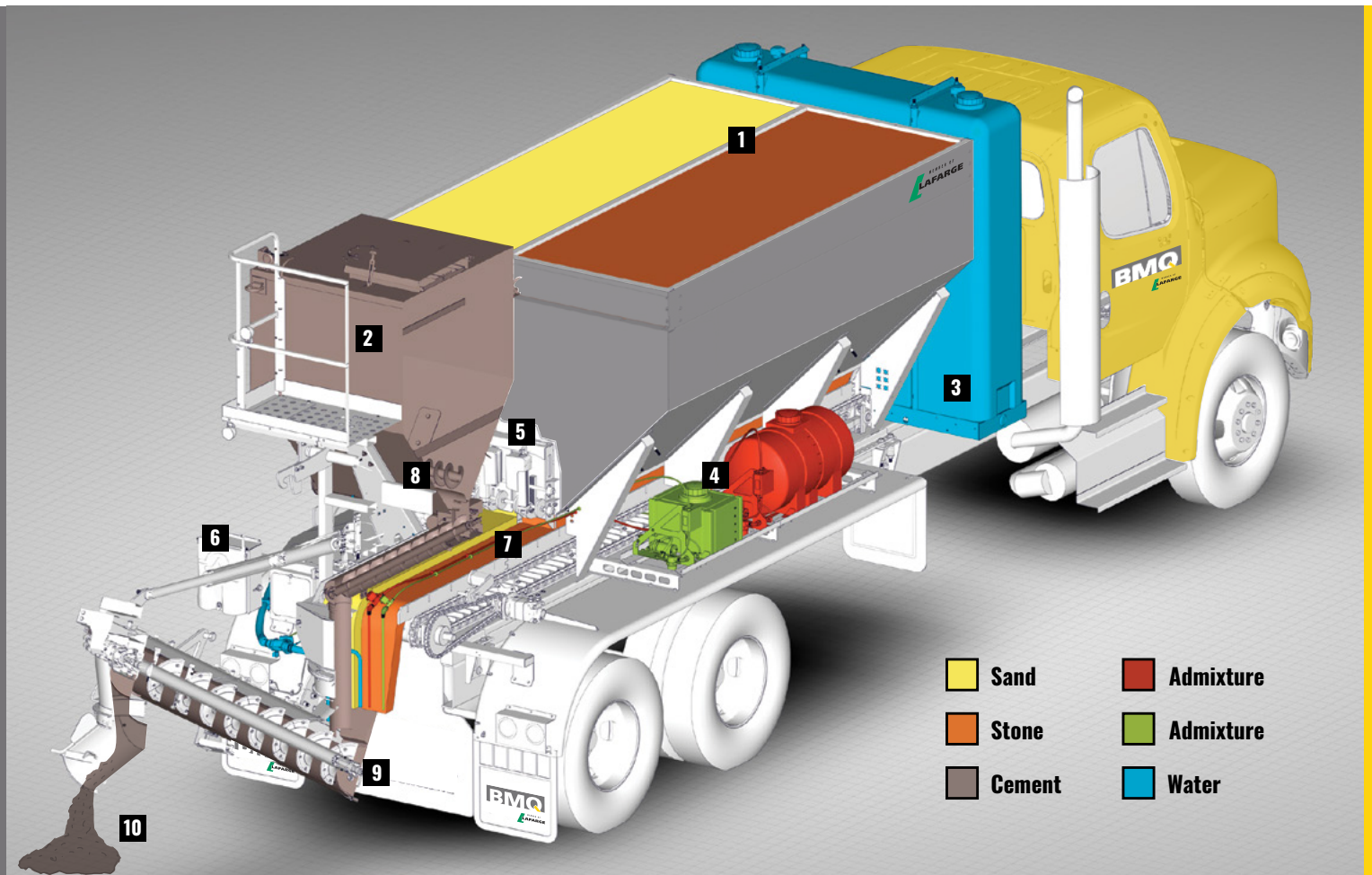 They then pass under the cement bin and seamlessly enter the mixing auger. **(8)** The cement bin ensures accurate metering of the required cement amount for the mix.

Consistent & Homogeneous Results
Thanks to the dual auger cement metering system, mix designs remain consistently for every pour. **(9)** All materials enter the continuous mixer simultaneously, undergoing thorough blending by BMQ's unique mix auger. **(10)** The outcome is a homogeneous concrete mixture, flawlessly delivered to the discharge chute.

Expect superior quality, precise quantity, and zero waste with each and every pour.

Visit **lafarge.ca/BMQ** for more details.

Legend:
- Sand
- Stone
- Cement
- Admixture
- Admixture
- Water

BMQ
ON-SITE SOLUTION FOR
HIGH PERFORMANCE CONCRETE

QUANTITY CONTROLLED
TO **REDUCE WASTE**
AND **SAVE MONEY**
ONLY PAY FOR WHAT YOU USE

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