



Manufactured by

ERMC

828 4th Street
Elk River, MN 55330
Phone (763) 441-1581
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“StoneCaster” Series



BaseMaster Model BR-527/1027 Specifications and Dimensions

Acromix Systems StoneCaster and BR Series concrete mixing and batching equipment set the standard for accuracy, repeatability and durability. Manufactured by ERMC, **Acromix** products are at work every day producing wet cast, dry cast, zero slump, SCC and even earth-moist concrete for virtually any concrete solution.

Acromix Versatility

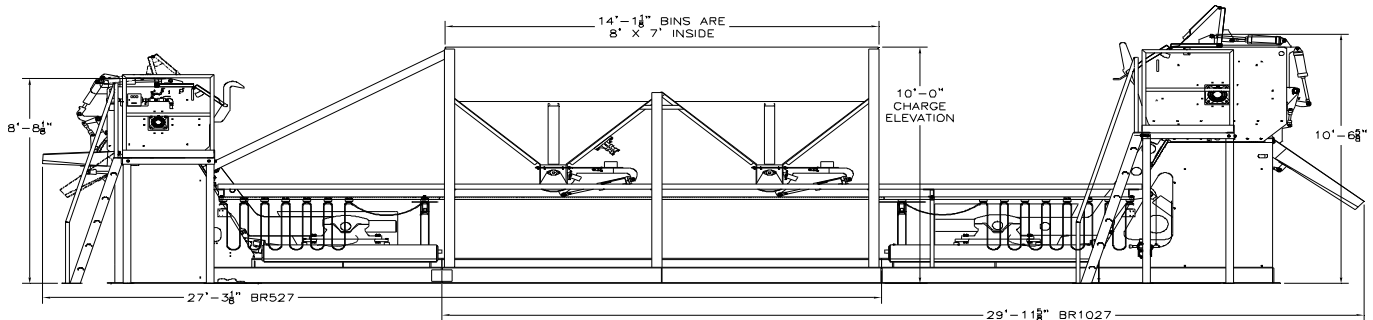
- Two mixers sharing a common bin set and track***
- Two mixers independently operated from a common control center***
- Multiple mixer combinations in style and capacity***
- Multiple bin configurations and capacities***
- Robust design and construction from ERMC for decades of reliable service***
- Acromix Easy-Touch Level III Automation***
- 500 or more batch recipes entered and modified on a single 15” touch screen***
- Microwave or automatic slump control for moisture compensation (optional)***
- Expandable to include admixtures, and automatic color dispensation***
- Integral data base with detailed report generation capability***
- Control center located in the production area***
- Temperature controlled environment not required***



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Standard Features

Mixers: **Acromix** R1000h spiral blade or paddle mixer, 30 Cu Ft output; 20HP electric drive motor with v-belt drive to direct coupled planetary gearbox;

Acromix R500h ribbon or paddle blade mixer, 16 Cu Ft output. 15HP electric drive motor with v-belt drive to direct coupled planetary gearbox.

Mixers includes exclusive lap joint shaft seal with secondary lip seal (ideal for SCC concrete), sealed discharge door, hydraulically operated dust cover, discharge door and chute, full width water spray bar and gallon counter.

Aggregate Bins: Two (2) each 8' x 7', aggregate storage bins (12 cubic yard capacity measured water level full) with air operated gates on each bin. Vibrator included on the sand bin.

Traveling Aggregate Scales: One each 52 Cu Ft and 26 Cu Ft batcher buckets mounted in scale carriages. The traveling scales position the batchers below the bin gates for weigh-up of aggregates.

Elevating Systems: Hydraulic elevating arms safely lift each batcher bucket and tip the pre-weighed material into the mixer. Each elevating assembly includes a hydraulic power source.

Operator Platforms: Bolt on, 3' X 4' platforms with ladder.

Standard Control: **Easy-Touch Level I** manual control system, including operator console with digital readout on the operator platform

Documentation: Complete owner's manual on CD.

Optional Features

Bin Extensions: Bolt together or welded, vertical extensions to increase aggregate storage capacity.

Up to four (4) additional bins (if auto control is elected). Additional bins include batcher track extensions.

Cement Silo: Various capacities 185 BBL Thru 700 BBL **Overhead Cement**

Batching: Single or dual compartment powder weigh batchers with pneumatic discharge gate(s) mounted over the mixer. Load cells suspend the batchers. Digital weight displayed on the operator console.

Screw Conveyors: 6" dia. screw conveyor, lengths not to exceed 50'

Maintenance Platform on Elevating

Arms: Allows additional access to the mixer for cleanout and maintenance.

Auto water : Programmable water can be included with or without automation

Microwave Bin Moisture Probes:

Automatic water compensation for varying aggregate moisture conditions

Automation Upgrades: Easy-Touch

Level III Fully automated expandable control system for StoneCaster (two mixer) and BR series batching operations, with SQL data base.