



COLD FEED BINS

Each bin having independent belt conveying system driven by AC variable speed motors synchronized with load cells for accurate and best weighing of aggregates and is supplied to GTH as per job mix. At the discharge end of gathering conveyor a single deck vibrating screen is provided for oversize removal of aggregates. This arrangement saves fuel and also eliminates overhead chute for disposal of oversize metal. One bin has vibratory motor. The bin shall be supported on sturdy steel structure and loading mouth of 2.76m X 2.20m. The bin shall be loaded by tipper width of 2.44m.



BIN FEEDERS

TIPS



PUG MILL UNIT

The twin shaft mixer unit (Pug Mill) design provides fast, continuous and homogeneous mixing of aggregates and additives. The shafts are mounted on extra heavy duty anti-friction bearings for smooth function and extended life. The wear resistant alloy steel selection for paddle arm and wide area of tips ensures a long life. The replaceable paddle arm tips lowers maintenance costs. The liner plates are corrosion and abrasion resistant.

WATER TANK & METERING

The water tank has adequate surge capacity, a self-priming pump, control valve and spray bar with water flow meter for accurate metering. A cleaning arrangement with flexible piping is a thoughtful add on.



PUGMILL

SURGE HOPPER

The surge hopper arrangement allows discharge into trucks without shut down and spillage. Fast acting hydraulically operated clamshell gates open across the entire width of the hopper, preventing segregation of the mix.

CONTROLS AND AUTOMATION

The weather protected cabin houses the user-friendly controls that are specifically designed for industrial installations. The logically laid out control panel ensures sequential operation of the various drives and precise process control.



STORAGE SILO

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The 25 MT storage silo (optional in some models) is rigid, easy to erect and transfer. Fast opening hydraulically operated clamshell gates facilitate quick discharge of mix material into the trucks without segregation.



CAPIOUS ROADTECH PVT LTD.

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Government of India Recognized Export House

Plot#4008, Phase IV, Road No. R4, Nr. Nika Tube Cross Road, G.I.D.C., Vatva Industrial Estate, Ahmedabad 382 445,
Gujarat, India **Ph.:** +91 79 40083274, 25833436, 25890356. **M:** +91 96876 18093 **Fax:** +91 79 40083274, 25833597 **Email:** info@capious.com

www.capious.com

design@cam.com.co



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SCOPE OF SUPPLY

- Four Bin Feeders of appropriate capacity for aggregates and other ingredients. Each bin having independent drive.
- Charging conveyor for feeding aggregates and other ingredients to Pug Mill.
- Pug Mill with appropriate number of paddles for homogenous mixing of aggregates, other ingredients and water.
- Load out conveyor for conveying mixed material from Pug Mill to Storage Silo.
- Storage Silo with hydraulically actuated gates for storing mixed material.
- Cement /filler service silo with screw conveyor
- Water tank and water pump.
- Control Panel with computer and printer.
- Control Cabin fitted with air conditioner

MODELS CAPACITY

WMM 100	100 TPH
WMM 150	150 TPH
WMM 200	200 TPH
WMM 300	300 TPH

SALIENT TECHNICAL FEATURES

- Wear resistant alloy steel Ni-hard replaceable and adjustable tips for paddle arms.
- Replaceable corrosion and abrasion resistant special alloy steel liner plates for longer life
- low power requirement
- All conveyor structures are fabricated from heavy duty structure
- Better mix and fluent discharge of mix material.
- Rugged construction, components of world renowned, precisely engineered for base course application
- Uniform mixing and delivery of mixed materials without segregation
- Accessories & Controls for all types of additives like cement, lime, emulsion, etc.
- Accurate proportioning and blending of aggregates & additives for proper graded materials