



Wet Mix Plant

Rhino has engineered Wet Mix Plant (Soil Stabilisation Plant) for achieving homogenous mix material to prepare base and sub base in Road Construction Projects.

Designed to confront the toughest job site requirements and maximum reliability to meet specific customer requirements, Rhino Wet Mix Plant ranging from 60 TPH to 150 TPH can be tailored as needed.

Cement stabilisation (CTAB) system and other optional accessories can be provided as per the requirement.

Model	Capacity (TPH)
WMM - 60	60
WMM - 100	100
WMM - 150	150



ISO 9001:2008

AN ISO 9001:2008 CERTIFIED COMPANY

RHINO
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FOUR BIN FEEDER

Modular constructed bins fabricated in a single chassis. Steep walls of bin and Valley angles help the aggregates free flow from the Feeder. It also minimizes hold up materials in the corners and bridging with sticky materials. The individual bins are incorporated with adjustable calibrated radial gate opening, endless belting, variable speed feeder drive system, by which Operator can control the flow of material accurately as per requirement.



VIBRATING SCREEN

A single-deck vibrating screen is provided below the discharge point of Gathering Conveyor to separate the over size materials from the aggregate.

SLINGER CONVEYOR

An inclined conveyor mounted on Troughing Idlers receives aggregate from the gathering conveyor and feeds it to the mixing unit.



PUG MILL UNIT

The twin shaft Pug Mill Unit is specially designed for fast, continuous and homogeneous mixing of aggregates and additives. Precise design of Pug Mill Unit have less vibration and thus reduces the overall maintenance cost, increase trouble free long life of the equipment. The Twin Shaft of the Pug Mill are mounted on heavy duty anti-friction bearings. The Paddle Arm and Tips are made from high quality wear resistant Alloy Steel which decreases the maintenance cost. The Liner Plates are made from anti corrosion and anti abrasion material.



LOAD OUT CONVEYOR

Mixed aggregate from the mixing unit is discharged on an inclined conveyor provided with a hydraulically operated hopper at delivery end for feeding the Mix into Tippers.

CONTROL CABIN

A fully automatic control panel with push button controls is provided for controlling the quality and quantity of production with operator sitting inside the Control Cabin. Control Cabin is so designed to proper visualization of the operator surrounding the Cabin. Air Conditioned system is optional with the Control Cabin. The total system is completely synchronized with automatic / manual control of load cells, water pump, cold feed / mineral proportions, etc. Manual control is possible through over-ride system. Adequate safety measures are adopted to avoid overloading, short-circuit, etc.

MISCELLANEOUS

- Components which are used of Original and best quality.
- The components are so designed by which it can be easily dismantled for repair and maintenance work.
- Easy to lubricate in the matching parts and thus increases the long trouble free life of the Equipments.
- Proper precautions are taken before painting work.
- Manufacturing is done by skilled professionals using advanced technology.

OPTIONAL

- Wet mix storage silo (as per requirement).
- Water Tank (as per requirement). Water Tank of 5000/10000/15000 Liters Capacity is supplied separately depending upon the requirement and type of Plant.