WET MIX MACADAM PLANTS
100-300 TPH

Atlas Industries

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Soil stabilization
(WMM) plants

www.AtlasIndustries.in

INTRO

ATLAS is one of INDIA'S leading manufacturers of road and civil construction machinery. We specialize in delivering professional-grade solutions for customers.

ATLAS INDUSTRIES is an ISO certified company engaged in design, development, manufacturing, marketing and servicing a complete line of Asphalt Batch Mix Plants, Drum Mix Plants, Wet Mix Macadam Plants, Concrete Batch Mix Plants, Bitumen Pressure Distributors and Mechanical Brooms.

WHEN YOU WORK WITH US, YOU CAN EXPECT:
PROFESSIONALISM: We're dedicated to providing exceptional service to our clients by being responsive, effective, and reliable.
PERSISTENCE: We do things the right way, even when it's the hard way. We'll always seek to do what's best for you and your company.
PRECISION: We're proud of every job we do.
EXPERIENCE: With 35+ years of experience in manufacturing road construction equipments we know exactly what we're doing.
QUALITY: Atlas provides the best quality products in the business.

Visit: www.AtlasIndustries.in

CUSTOMER ORIENTED COMPANY WITH CUSTOMIZED & ECONOMICAL SOLUTIONS

Based in Mehsana, Gujarat, India

38 COUNTRIES AND GROWING

STATIONARY ASPHALT BATCH MIX PLANT

BITUMEN PRESSURE DISTRIBUTOR

ASPHALT DRUM MIX PLANT

BITUMEN DRUM DECANTERS

CONCRETE BATCHING PLANTS

MOBILE ASPHALT BATCH MIX PLANTS

WET MIX MACADAM PLANT

Atlas offers wet mix macadam plants in the capacities 100 tph to 300 tph. These plants are ideal for production of cement treated aggregate base (CTAB). We offer full package to road contractors for complete peace of mind and we want them to concentrate on their core business without worrying about the equipment.

ATLAS WET MIX MACADAM PLANT ADVANTAGES:

- Containerized design.
- The shaft of the pug mill mixing unit rests of 6 pedestals. This makes the torque absorption better and ensures maintenance free performance.
- The shaft is 5" and is bigger for longer life.
- Shafting is unslotted fitted with arms and tips with distant pieces in between. This ensures that the shaft life is more as the material does not directly come in contact with the shaft.
- Low maintenance and low operating costs.
- We do use renowned components in the manufacturing.
- The control panel is designed for ease of operation.
- Arms and tips are opposite and not alternate for homogeneous mixing.
- Storage silo of various capacities can be provided.
- Integration of cement silo to add cement in the mixing unit is also possible.
- Optional PLC control panel for ease of use and simplified maintenance.
- Factory tested prior to dispatch.

COLD AGGREGATE FEEDER BINS

The number of bins and sizes of aggregate feeding system can be customized as per the customer's requirement. The feeding system for aggregates come with an empty bin indication and vibrating motor on a bin for free flow of sand.

It is built on a rugged structure. Frequency controlled drives control flow of aggregates individually.

VIBRATING SCREEN & WEIGHING CONVEYOR

Single deck vibrating screen at the end of cold aggregate feeder bins.
It helps in removal of oversized materials. Charging conveyor will transfer aggregates after primary screening into the pug mill mixer. It is driven by a variable speed drive motor.

Slinger / charging conveyor is equipped with load cell for collective weight of aggregates.

PUG MILL MIXING UNIT

Mounted on a sturdy chassis, the dual shaft PUG MILL mixing unit consists of hardened material liners-heavy duty square bar with wear resistant paddle arms and tips. It gives a homogenous mix.

It is a heavy duty mixing unit designed for fast and homogeneous mixing in a short period of time.

WATER TANK

Water Storage tank is fitted with best quality standard pump and meter with standard pipe to transfer exact quantity of water to the PUG MILL.

The flow of water is controlled by a frequency controlled drive.

CEMENT ADDITION FOR CTAB

Cement treated aggregate base (CTAB) is garnering attention as more and more plants are now supplied with the cement addition system.

Atlas offers proven design wet mix macadam plants with measured cement addition facility in the pug mill mixing unit.

Cement is added as per requirement through a variable frequency drive. Cement control is easily done from the control panel.

LOAD OUT CONVEYOR WITH STORAGE SILO

Atlas wet mix macadam plants can be supplied with 5 tons, 10 tons, 25 tons or even 50 tons storage silos for maximum storage.

With bigger silos you can easily make high volumes of production as silos give ample time for changing trucks.

LOAD OUT CONVEYOR WITH STORAGE HOPPER

A 2 Tons wet mix material storage hopper is supplied with 100 tph wet mix plant and a 10 T capacity hopper is supplied for wet mix material storage in the 160 tph plant.

Bigger sized storage silos are also available for any size of plant.

CONTROL PANEL & CABIN

Cabin is fabricated with M. S. Structured frame and insulated by wood. Strategic location of seat ensures complete view of the plant.

Fully computerized cabin with on board electric power console, distribution, switch board, fully automatic process are a standard on ATLAS WMM plant.

User friendly panel ensures top notch performance. Display of the entire process control parameters. Provision to store, edit production details, mix proportions, etc. Auto/ manual proportion.