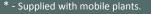




AGGREGATE FEEDER

In our wet mix macadam plants all the four bins are fitted with individual variable speed drive motors and gear box to control and regulate the flow of aggregate from each bin.

Gathering conveyor is equipped with scrapper and driven by A. C. motor. Aggregate from the gathering is fed to the drum with a slinger conveyor after removing oversize materials.







SLINGER CONVEYOR

The slinger conveyor belt is an important component in a wet mix mix plant. Driven by A. C. motor, aggregates are transferred to pug mill mixing unit. It is equipped with weigh bridge (Load Cell) for continuous monitoring of weight (tons/hour)

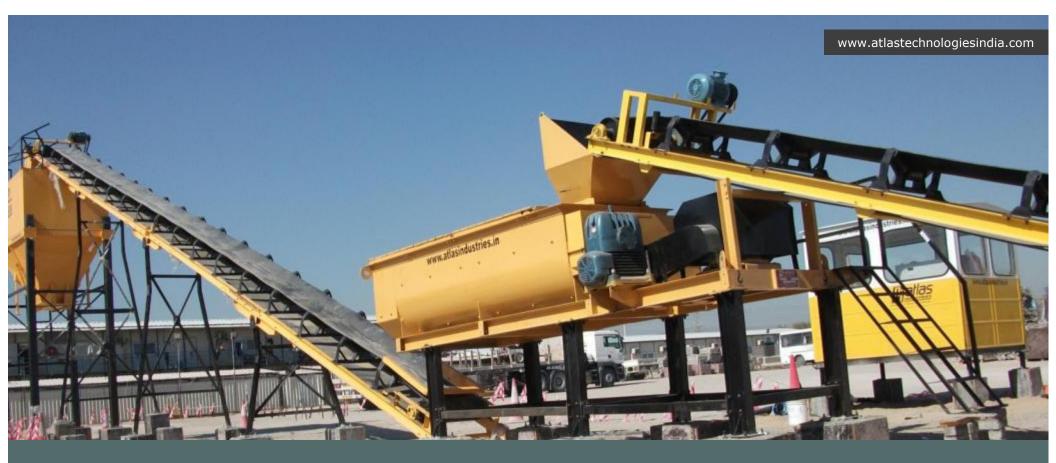
Its job is to weigh aggregate and transfer it to the pug mill – mixing unit.

VIBRATING SCREEN

In the wet mix plants, a rugged single deck vibratory screen is placed at the end of cold aggregate feeder. Its job is to remove the oversized materials.

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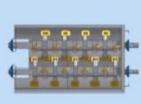
PUG MILL MIXING UNIT

Mounted on a sturdy chassis the dual shaft PUG MILL consists of hardened material liners-heavy duty square bar with wear resistant paddle arms and tips. It is designed to give a homogenous mix.

In Pug mill we have 6 pedestals, our shafting is of 5 inches We don't make slots. We give a distant pieces which increases the life of the Shaft. Our design is that we have two arms opposite to each other similar with tips. Other manufacturers have alternate arms and tips we have double arms and tips.







PEDAL AND ARMS

PUG MILL MIXING

PUG MILL TOP VIEW



ACTUAL PUG MILL



6 NOS OF PEDESTAL



DESTAL ARMS AND TIPS



WATER PUMP

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





LOAD OUT CONVEYOR

The aggregate discharged from PUG MILL is collected into an inclined load out conveyor equipped with SILO TYPE hopper or with a SILO. The hydraulically operated cam shell gate provide surge capacity when changing trucks and controls segregation in the mix.





CONTROL CABINAND PANEL

Fully computerized cabin with on board electric power console, distribution, switch board, fully automatic processes are a standard on ATLAS WM Series plants. User friendly software ensures top notch performance.

Display of the entire process control parameters.

Provision to store, edit production details, mix proportions, etc is possible. Panel enables the plant to run in Auto & manual mode.

