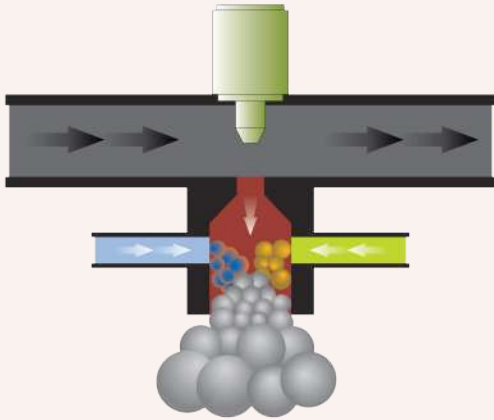




UNIFOAM SYSTEM:

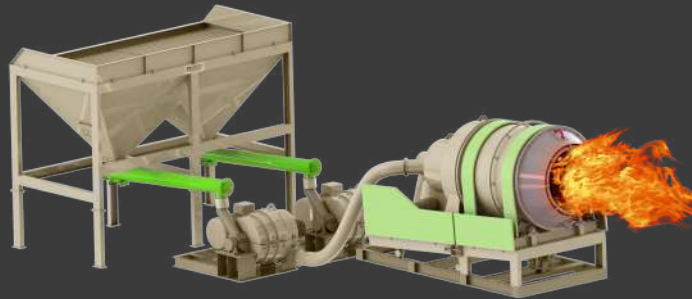


UNIFOAM SYSTEM allows mix to be prepared and placed at lower temperature than conventional asphalt mix. To achieve this, the viscosity of the liquid bitumen must remain low at the reduced temperature. Maintaining a low viscosity at lower temperature allows mix to flow freely through storage, transfer, and placement and is more easily compacted.

Warm mix system achieves a lower temperature at a lower cost by eliminating the need for additives or special asphalt. Instead, the warm mix system injects a small amount of water into the liquid asphalt to create steam bubbles. These small bubbles act to reduce the viscosity of the liquid asphalt, allowing the mix to be worked at lower temperatures.



COMBUSTION TECHNOLOGY :



35% TO 40% SAVING OF FUEL COST

Coal Fire Burner and Coal Pulverising Plant.

ALLTECH Group designed and manufactured coal fire burner and coal pulverising plant that can cater the facility to dose coal to heat the material in the dryer drum.

This well designed Coal fire burner and coal pulverising plant offers huge saving in Fuel Cost.

Benefits.

Functionality | Fuel Consumption | Safety

ALLTECH INDUSTRIES INDIA PRIVATE LIMITED

Mfg of Road & Civil Construction Equipment

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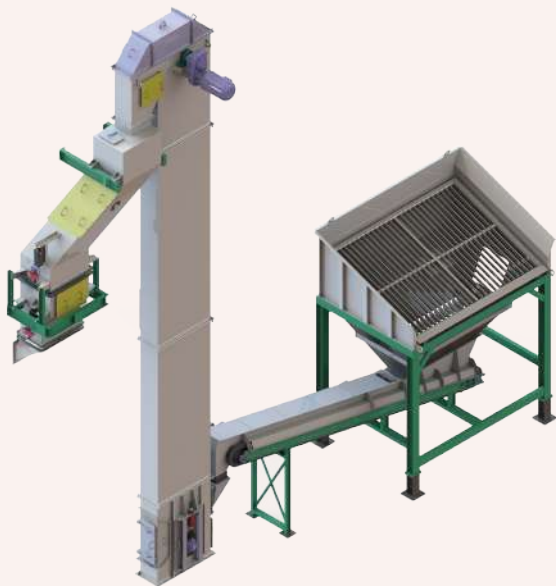
info@alltech-group.com



SMART RETROFITS FOR ASPHALT PLANTS

With ALLTECH The technologies, any Customer can find the right solution for their any Asphalt Plant, Location, according to the specific requirements and conditions.

The technology that runs Asphalt Plants is constantly improving. Retrofits provide an opportunity to add that technology to your existing Asphalt plant whether it was built by ALLTECH or another manufacturer.



RAC(RECLAIM ASPHALT COLD) ADDITION :

With the ALLTECH cold recycling feed systems, up to 30% reclaimed asphalt cold material can be added to the mixing plant.

Mixer Feed Dosing System.

- Up to 30% recycled material feeding
- RAC material is fed directly into the mixer via RAP elevator.
- RAP elevator is a space saving and maintenance free, alternative to the included conveyor.
- Easy to retrofit to existing asphalt plants from any manufacturer.
- RAP and aggregates dosed separately into pug mill.

RECYCLING :

Asphalt recycling is a very topical issue and probably the only solution to avoid the continuous expectations of our resources. The re-use of recycled asphalt is a high priority for the economy when it comes to conserving natural resources. Alltech Group offers "hot and cold " feed system provisions for reclaimed asphalt addition.



RAH (RECLAIMED ASPHALT-HOT) ADDITION :

With the ALLTECH hot recycling feed system, up to 25% Reclaimed asphalt cold material can be used from preparing hot mix via dryer RAP ring.

RAP Ring Dosing System.

- Up to 25% recycled material feeding possible.
- Solution for stationary plants.
- Easy to retrofit to existing asphalt plants from any manufacturer.
- Gentle heating of recycled material in to dryer drum Can be combined with cold RAP system for more usage of recycled material as well as during plant operation.

FIBER DOSING SYSTEM :



AUTOMATED FEED

SOLID:

Power granulate rubber granulate cellulose hydratedlime fiber colour pigment.

Granulate dosing system powder granulate dosing system fiber dosing system multi-variable dosing system.

LIQUID:

Liquid additive separating agent flux oil foam bitumen.

Liquid additive dosing system foam bitumen system dosing system of separating agent / flux oil.