

ATLAS INDUSTRIES

CASE STUDY FOR COMBINED 90-120 TPH
ASPHALT DRUM MIX PLANT AND
200 TPH WET MIX MACADAM PLANT
LIBYA.



CLIENT REQUIREMENT

The customer is a consultant for construction firms.

Their requirement was for 90-120 tph drum mix plant and for a wet mix plant. The customer visited India and a trip to our installed combined drum mix and wet mix plant in India helped them understand how the combined plant works and that a combined plant can serve the purpose of both asphalt plant and wet mix plant without compromising on anything. Instead they could save on an extra aggregate feeder unit and its transportation costs.

CUSTOMIZATION

Customer had five different types of aggregates to be used and also wanted solution to recycle the dust that came out of the dry dust collector.



SOLUTION OFFERED

We showed them our combined plant and it fully served the purpose of the customer. For collection and recycling of the dry dust we gave screw conveyor. The screw conveyor transferred the dust from the dry dust collector to the mineral filler. The package offered to them was with common five bin aggregate feeder, a pug mill, load out conveyor, 25 T Wet mix storage SILO, drying and mixing drum, LDO tank, load out conveyor, mineral filler, pollution control unit and control cabin with panel. The common five bin feeder ensured that they could alternately use the asphalt plant and wet mix plant.

Below are few pictures of the equipment when it got ready.

Note the five bin feeder and screw conveyor supplied to recycle the dust.



FINAL PRODUCT AND LOADING

The delivery of the equipment was done on time and the customer did not visit us instead it was up to us to do the stuffing.

Below are few pictures during the loading of the equipment.



INSTALLATION & COMMISSIONING

Atlas supported the customer to get the plant installed and commissioned in Libya. One mechanical technician from Atlas visited to assist the mechanical work and one electrical technician visited to assist in the electrical work and calibration of the plant.

Onsite operator training for running the plant and trouble shooting was also given. Below are the pictures of the installed plant.

Note: Bitumen tanks and fuel tank for dryer burner were locally build by the customer as per the design given by Atlas.



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