

Mobile Asphalt Plant 60

Specification:

- ❖ Mobile Asphalt Plant 60 T/H :
- ❖ The Capacity of 60 tons per hour is based on:
- ❖ Specific asphalt weight 1.6 tons/m
- ❖ 3% moisture of basic material
- ❖ Asphalt output temperature ,160 °c
- ❖ For the best flexibility in transportation ,it has been designed with the least changes.
- ❖ At the time of installation the plant ,there is no need to use a Crane.
- ❖ It has 3 input material and the filler will be mixed with bitumen and material after weighing.
- ❖ It has to be carried on 4 trucks and will be installed similar to fixed asphalt plant.

Truck No 2:

- ❖ **Material elevator** from scale to mixer
- ❖ 60-tons **Mixer** with 30 k.w electro- gearbox and accessories.
- ❖ **Bitumen scale** with 3 way valve, 2 ½ bitumen pump ,3 load –cell and belongings
- ❖ **Asphalt storage silo** with the capacity of 25 tons

Truck No 3:

- ❖ **Dryer** with special designed blades and thermal galvanized sheets
- ❖ Turbojet **burner** with electro-motor 11 k.w and 3 k.w **Gasoline pump** with all belongings
- ❖ **Material elevator** from dryer to screen (Length 1050mm * Width 600mm W * High 6340mm) with electro-gearbox 7.5 K.W

- ❖ **Cyclone** and output channels from dryer and input channels to the filter, discharge valve
- ❖ English **Bag Filters**, spring and 1.5 kw electro-gearbox
- ❖ **3-deck vibrator screen** with 4kw electro motor (L 4440mm *H 1600mm *W 1350mm) covering screen box and electromotor
- ❖ 4 **Hot Bins** with pneumatic discharge gate and relevant jacks
- ❖ **Sand and filler scale** equipped with pneumatic gate ,3 load-cells and accessories.
- ❖ 45 k.w **Exhaust Fan** with regulator gate, stack and accessories
- ❖ **Truck no 4:**
- ❖ **Control room** with air conditioner , insulated walls and jacks to prevent transferring vibration from the plant to the control room at the time of working
- ❖ Equipped **control system** to work on secure conditions and with 3 different modes::Full automatic , Semi-automatic and manual
- ❖ **Control panel** including power control to start up all electro motors, turbo-jet burner ,bitumen pump, oil heater, and other circuits
- ❖ **Control panel** to control all functions such as measuring ,bitumen weighing counting mixes, mixing time, switching on and off different parts, emergency stop, controlling the temperature, flame, furnace pressure, input material and etc.
- ❖ **Air compressor** to supply compressed air for all pneumatic drivers and filter
- ❖ **Oil heater** with the capacity of 200,000 kcal/h with bi-modal burner, oil pump, expansion reservoir , control valve and control panel