



*Quality Construction Equipment*



## **MOBILE DRUM MIX PLANTS**

*MOBIMIX Series 25 - 120 tph*



**TUV NORD**

★ Star Export House



## MOBILE DRUM MIX PLANTS

*With years of experience in asphalt mixing, strategic technology tie-ups and an installed base of over 1500 plants, Apollo has mastered the continuous Asphalt Mixing Technology. The world over, Drum Mix Plants from Apollo have produced millions of tons of quality asphalt, in the bargain generating a high level of customer satisfaction. Apollo plants are renowned for quality of mix, lower operating costs, productivity, efficiency and high uptime.*



# MOBILE DRUM MIX PLANTS

MOBIMIX Series 25 - 120 tph

### MOBILE DRYER DRUM UNIT

- A result of 40+ years experience and R & D, over 1000 installations.
- Field proven mixing technology ensures higher efficiency and maximum heat transfer.
- Specially designed zoning and flight techniques provide optimum mixing and productivity.
- Low maintenance four-wheel friction drive.
- Optional gear type and chain drive available.

### BURNER UNIT

- Fully automatic remotely controlled mono block burner unit.
- Refractory devoid, low maintenance burner design.
- High-pressure burner ensures total atomization and higher fuel efficiency.
- Complete system interlocks ensure conformance to high safety standards.
- Various fuel options available.

### CONTINUOUS ELECTROINIC BELT WEIGHING SYSTEM

The State-of-the-Art SCADA system processes and meters the mix proportioning. The feedback from the Load cell is processed by the PLC, which further automatically controls and processes the bitumen and filler proportioning.

### BITUMEN INJECTION

Skid mounted high capacity hot oil jacketed gear type pump, controlled by an AC variable speed drive feeds the metered amount of bitumen into the mixing section of the Thermodrum unit. The fully automatic SCADA / PLC control ensures a precise metering of bitumen.

### LIQUID STORAGE

- Thermodrum with built in fuel tank
- Opt from Direct fired or thermic oil heated asphalt storage tanks
- Fully automatic thermostatic controlled heating system
- Mounted metering skid
- Flexible asphalt and fuel connections
- Integrated split compartment fuel and asphalt storage solutions available as an option.





## Designed for the contractor on the go

### MOBIMIX Advantages

- Economy in set up – Fuel Efficiency – Portability in production.
- Offers total mobility
- Customized solutions to meet specific transportation norms.
- Self-erecting model requires no cranes for installation.
- Perfect for remote areas.
- Sets up and packs up with a minimum number of loads and components need not wait on one another to move out.
- Completely pre-wired – Get Set and Go
- No civil works – Massive Savings
- Optimum utilization of plant site.
- Option to integrate power generating set.

### POLLUTION CONTROL DEVICE

- CV Series Wet dust collector
- Extreme turbulence type venturi design
- High dust collection efficiency
- Minimum water make-up requirements
- Low maintenance design
- Large stainless steel nozzles provide clog free operation
- Adjustable venturi throat permits fine-tuning

*Option – Reverse Air Flow Systems Mobile Bag House Filter having Zero Maintenance Design.*



### MOBILE COLD FEED BINS

- Steep walled, free flowing bins for smooth discharge of aggregates.
- Modular bin design allows for future bin additions.
- Fully Automatic remotely controlled variable speed belt feeders.
- Calibrated radial bin openings for better material flow adjustments
- No flow indicators and complete process controls
- Bin vibrator on sand bin for smoother material flow.



### CONTROLS

Fully computerized air conditioned control cabin with on board electrical power control console, distribution switch board, fully automatic process and sequence controls are a standard on all Apollo MOBIMIX plants.

A user friendly software gives you total reliability and ensures top notch performance.

- Fail proof power interlocks and auto process controls
- Online fault detection
- Online printing facility
- Provisions to print, store and edit production details, mix proportions, etc.
- Display of all process control parameters
- Auto / manual operation

The control is equipped with function keys and numeric keys and does not require special skills for operation.

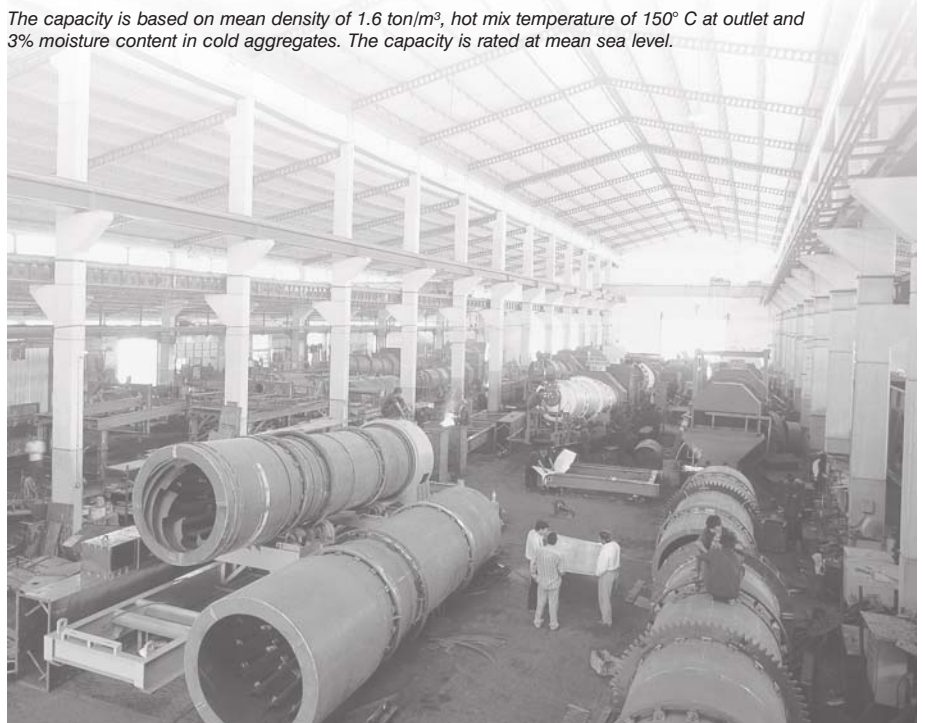
- ◆ **Total Installation Support**
- ◆ **Modular Design for containerized transport**
- ◆ **Value for money**



#### Super Mobile - Mobimix Series 20 - 120 tph

Model	Capacity
Mobimix 25	25 tph
Mobimix 45	45 tph
Mobimix 60	60 tph
Mobimix 90	90 tph
Mobimix 120	120 tph

The capacity is based on mean density of 1.6 ton/m<sup>3</sup>, hot mix temperature of 150° C at outlet and 3% moisture content in cold aggregates. The capacity is rated at mean sea level.



*With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice. Accessories shown are optional and not a part of standard supply.*



India | Algeria | Australia | Afghanistan | Bangladesh | Botswana | New Caledonia  
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