

# BHAI

## Concrete Batching Plants



### **MODEL: BP- 30RD.** **(Capacity of 30 cum/hr.)**

- Simple Structure.
- Reversible Drum Mixer.
- Aggregate storage at ground level.
- Easy installation and faster site relocation.
- Low maintenance & higher output.
- Fully automatic batching control system.
- Adhering to all environmental regulations.



A view of the operators cabin for the Boom Scrapper which is mounted on a slewing ring



A 10 HP motor operates the drum during mixing and dumping of the concrete



The reversible steel drum is fabricated of high manganese steel which has a long life the complete drum gear is fabricated in house on an imported hobbing machine.



The slewing ring for the drum of the mixer is completely imported, hence giving the drum a long lasting life.



The plant is provided with a fully automatic batch control system located in a stand alone cabin which is spacious and clear view of the plant



### **CONTROL PANEL:**

The control panel offered is a very modern, compact, & with all the operations controlled thru' a touch screen & is PLC based, they meet individual requirements of all the customers, "N" no of recipes can be programmed for combinations of the concrete mix. The plant can be operated manually with the direct display from the indicator or thru PLC, which makes it more reliable. The controls have recording facilities for every batch, data storage and modern interfaces & are connected to a printer. Scada based programmer can also be provided on an additional cost depending on the requirement of the customer.





**The scope of supply for the plant :**

- The boom structure including boom, scrapper, operator cabin, aggregate feed chute, aggregate weigh batcher.
- The complete mixer tower structure inclined skip bucket, skip structure the main tower structure including the Reversible Drum Mixer, Water, and Additive weigh hoppers, water meter, air compressor.
- The control cabin including the fully automatic control panel, complete electrical wiring from the panel to the plant.
- One no of Cement Screw Conveyor along with ground hopper for feeding the cement.

**Technical Specifications:**

<b>Capacity Cum/hr</b>	<b>30</b>
Mixer type	Reversible Drum.
Mixer capacity( ltrs)	1000
Boom length( mtr)	12
Dragline bucket ( ltr)	400
Winch Motor ( HP)	12.5
Mixer Motor( HP)	2 x 20
Discharge Height( mtrs)	4.0
Batch Control	Fully automatic

In accordance with its policy of constant product development, Bhai reserves the right to change the specifications without any prior notification. All dimensions and capacities quoted are nominal.

**MANUFACTURING UNIT:**

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