

## Concrete Batching Plant

AN ISO 9001 : 2008 CERTIFIED COMPANY



use the  
machinery of  
**VINAYAK**  
making the  
way to **success**

**CCBP Series : 30 | 40 m<sup>3</sup>/hr**  
(Stationary & Mobile Type)





## Salient Features :

- Robust and steady structure made from square and rectangular tube for longer durability and protection from corrosion.
- Easy and quick to erect and operate.
- Minimum foundation required.
- Less space required for installation due to its compactness.
- Easy maintenance and low running cost.
- Single Weighing and conveying belt for faster cycle time for more output.
- MPCB are provided for all electrical motor safety.
- Cover is provided to every electrical motor for protection against dust and water.
- Quick exhaust valve fitted with all Pneumatic Cylinders to maintain accuracy in weighing system.



## Twin Shaft Mixer

- Italian designed SICOMA Make Twin Shaft Mixers.
- Most advanced mixing solution capable of handling from high to zero slump concrete
- The floor and full wall of the mixer are lined with special wear-resistant and replaceable plates Long service life and low operating cost
- Emergency manual discharge facility
- Its robust design ensures high reliability



## PLC Based Control Panel with Cabin

- PLC based panel with HMI display.
- All Motors are protected through MPCB.
- Ammeters for all Critical Motors.
- Easy to calibrate scale.
- Facility for life long data saving in USB.
- Auto offset facility.
- Accurate, reliable & easy to use.
- Gate Inching facility for more weighing accuracy.
- Auto-Manual & Manual-Auto operation.
- High Speed Weighing.



## Supremely Transportable Moblie Concrete Plant



### Technical Specifications :

| MODEL                                                                  | CCBP - 30                  | CCBP - 40                  |
|------------------------------------------------------------------------|----------------------------|----------------------------|
| Concrete Output/hr<br>(Under ideal condition and continuous operation) | 30 m <sup>3</sup> Per Hour | 40 m <sup>3</sup> Per Hour |
| <b>Aggregate Storage System</b>                                        | Compartment Bin            | Compartment Bin            |
| a. Aggregate Storage Bins/Capacity                                     | 4 Nos./28 m <sup>3</sup>   | 4 Nos./28 m <sup>3</sup>   |
| b. Vibrator Motor                                                      | 1 No.                      | 1 No.                      |
| <b>Aggregate Weighing System &amp; Conveying</b>                       |                            |                            |
| a. Weighing Hopper                                                     | Yes                        | Yes                        |
| b. Electromagnetic Load Cell                                           | 4 Nos.                     | 4 Nos.                     |
| <b>Mixer Unit</b>                                                      |                            |                            |
| a. Type                                                                | Sicoma - Twin Shaft Mixer  | Sicoma - Twin Shaft Mixer  |
| b. Capacity                                                            | 750 / 500                  | 1125 / 750                 |
| c. Side & Bottom Lining                                                | Anti Wear                  | Anti Wear                  |
| d. Mixing & Side Scraper Blade                                         | Anti Wear                  | Anti Wear                  |
| <b>Cement/Flyash Weighing System</b>                                   |                            |                            |
| a. Cement/Flyash Hopper Capacity                                       | 500 Kgs.                   | 500 Kgs.                   |
| b. Electromagnetic Load Cell                                           | 3 Nos.                     | 3 Nos.                     |
| c. Vibrator Motor                                                      | 1 No.                      | 1 No.                      |
| <b>Cement Screw Conveyor with Bag Hopper</b>                           | 219 mm / 5 MT              | 219 mm / 5 MT              |
| <b>Pneumatic System : Air Compressor</b>                               | 3 hp                       | 3 hp                       |
| <b>PLC Based Control Panel</b>                                         | Yes                        | Yes                        |
| <b>Water Weighing System</b>                                           |                            |                            |
| a. Water Hopper Capacity                                               | 200 Ltr.                   | 200 Ltr.                   |
| b. Electro Magnetic Load Cell                                          | 1 No.                      | 1 No.                      |
| <b>Additive System</b>                                                 |                            |                            |
| a. Weighing Container Capacity                                         | 10 ltrs.                   | 10 ltrs.                   |
| b. Loadcell                                                            | 1 No.                      | 1 No.                      |
| <b>Connected Load for Standard Plant - Kva</b>                         | 82.5 Kva                   | 82.5 Kva                   |

### Standard Supply

- Compartment type aggregate storage bins Weighing bin and conveyor
- Cement bag filling hopper with screw conveyor
- PLC base control panel with HMI display
- Cement weighing hopper
- Additive weighing container
- Water weighing hopper
- Air compressor

### On Request

- Cement storage silo.
- 50 MT / 100 MT
- Silo accessories.
- Silo feeding system.

## Quality Assurance

We believe that client satisfaction comes from products that perform efficiently and reliably with least down time. We have adopted stringent quality assurance checks for every product, starting with the raw material. Our workforce is self motivated with every employee considering himself to be a Quality Inspector.

## Design & Engineering

We our products are designed from basic principles. Past experience, field feed-back, innovation and application form important parameters in the design of our products.

## After-sales-service

We offer you not only prompt and effective service, but also the complete range of original spares to help prevent any down time and consequent production and profit losses. We have earned an enviable reputation throughout the country for the excellence of our sales and service.

## Unit Exported To More Than 25 Countries Worldwide

We have exported number of units to various countries, Repeat export orders speak of our quality & commitment towards customer satisfaction.



AFGHANISTAN



ALGERIA



BHUTAN



BANGLADESH



DJIBOUTI



ECUADOR



GUYANA



GHANA



IRAQ



KENYA



MALAWI



MOZAMBIQUE



MALDIVES



NIGERIA



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OMAN



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PERU



TRINIDAD &  
TOBAGO



SAINT LUCIA



SIERRA LEONE



SAUDI ARABIA



UAE



SRI LANKA



YEMEN

VINAYAK'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.

**VINAYAK**<sup>®</sup>  
ASPHALT & CONCRETE EQUIPMENT

## VINAYAK CONSTRUCTION EQUIPMENTS

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FOR THE WORLD**

