

Compact Concrete Plant

AN ISO 9001 : 2008 CERTIFIED COMPANY



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

CBP Series : 20 - 30^{m3/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.
- No 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.

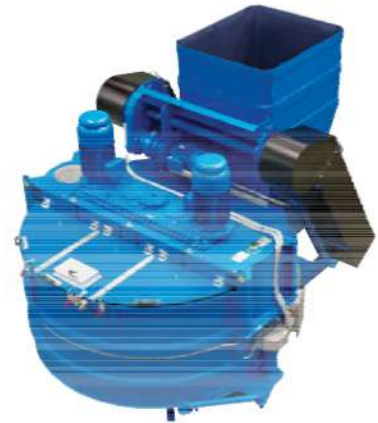
Twin Shaft Mixer

- 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



Planetary Mixer

- Italian designed SICOMA Make Planetary Mixers.
- Large pan volume mixer small to full capacity loads with equally fast mixing and discharge times. More Production per hour.
- Compulsory mixing action gives better strength to concrete.
- Triple armed stars give faster more through mixing action.
- Anti wear liner tiles are harder and giving much longer life. More years of production.
- Hydraulically operated rubber Sealed discharge door eliminate leakage, close reliably every time. Manual lever backup.



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.



General Layout:



Technical Specifications :

MODEL	CCBP-20	CCBP-30
Concrete Output/hr (Under ideal condition and continuous operation)	20 m ³	30 m ³
Aggregate Storage System	Compartment Bin	Compartment Bin
a. Aggregate Storage Bins/Capacity	4 Nos./10 m ³	4 Nos./14 m ³
b. Vibrator Motor	1 No.	1 No.
Aggregate Weighing System & Conveying		
a. Weighing Hopper	Yes	Yes
b. Electromagnetic Load Cell	4 Nos.	4 Nos.
Mixer Unit		
a. Type	Twin Shaft/Planetary	Twin Shaft/Planetary/Pan
b. Capacity	550 / 350	750 / 500
c. Side & Bottom Lining	Anti Wear	Anti Wear
d. Mixing & Side Scrapper Blade	Anti Wear	Anti Wear
Cement/Flyash Weighing System		
a. Cement/Flyash Hopper Capacity	200 Kgs.	300 Kgs.
b. Electromagnetic Load Cell	3 Nos.	3 Nos.
c. Vibrator Motor	1 No.	1 No.
Cement Screw conveyor with Bag Hopper	Optional	Optional
Pneumatic System : Air Compressor	2 hp	2 hp
PLC Based Control Panel	Yes	Yes
Water Weighing System		
a. Water Hopper Capacity	200 Ltr.	200 Ltr.
b. Electro Magnetic Load Cell	1 No.	1 No.
Additive System	Optional	Optional
a. Weighing Container Capacity	5 ltrs.	5 ltrs.
b. Loadcell	1 No.	1 No.
Connected Load for Standard Plant - HP / Kva	50 / 59	55 / 64

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 weight Hopper
- Air compressor

On Request

- Storage silo for cement/fly ash
- Silo accessories
- Silo feeding system
- Admixture dosing system
- Water Connection

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 30 Countries Worldwide

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



AFGHANISTAN



ALGERIA



MALDIVES



BHUTAN



DJIBOUTI



ECUADOR



GUYANA



GHANA



IRAQ



KENYA



MALAWI



MOZAMBIQUE



NIGERIA



NEPAL



OMAN



SIERRA LEONE



QATAR



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 CONSTRUCTION EQUIPMENTS

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FOR THE WORLD**

