



STATIONARY CONCRETE BATCHING PLANT

Capacity: 30/45/60/90/120 CU.M

“FOR THE ROADS TO BE REMEMBERED FOREVER”

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CONCRETE BATCHING PLANT

AGGREGATE STORAGE BIN WITH WEIGHING CONVEYOR

The aggregate storage bins made from wear resistance ms sheet same are integral welded with chassis frame. The installation of aggregate storage bins is very user friendly as the construction process and the extension of the pre-assembly reduce the installation time of the plant at site. The aggregate storage bins are enlarged to facilitate the loading process by loader. The discharge window of aggregate bins opened through pneumatic cylinders.

Aggregate weighing conveyor is built in under discharge gate of bin for weighing accumulated aggregates



TWIN SHAFT MIXER

The twin shaft mixer offers among the most advanced and best mixing solution for any type of concrete mixing & capable of handling from high to zero slump concrete. It consist two horizontal shaft with arms and paddles moving in such a fashion which creates spiral shaped vertical & horizontal mix direction which ensure three dimensional mixing accuracy. Discharge hydraulic gate throughout length of mixer vat for instance discharge.

- High batching performance.
- Easy operation and maintenance.
- High homogeneity even with short mixing time.
- Highly wear-resistant mixer wearing parts.



PAN MIXER

The Mixer is mainly used for mixing good quality of concrete hence we have our own designed FAB PAN TYPE MIXER to obtaining a homogeneous mixing quality.

FAB PAN TYPE MIXER is preferred all over market due to easy and cost effective maintenance, simple operation and batching performance. Mixer is set in heavy structured steel tower such as TM can be directly loaded under discharge chute.

We have been available 0.25m³ to 1.0m³ vibrated concrete per batch capacity pan mixers are available with us.

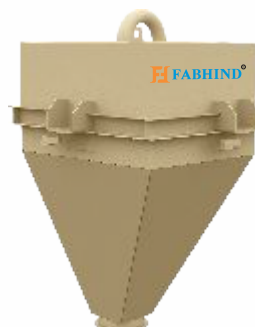
Advance Features of FAB PAN TYPE MIXER:

- High batching performance
- Easy operation and maintenance
- High homogeneity even with short mixing time
- Highly wear-resistant mixer wear parts
- Easy maintenance due to wide maintenance gates and
- bolted type replaceable linings
- Low maintenance cost.



CEMENT, WATER & ADDITIVE WEIGHING HOPPERS

Water, Cement and additive hopper mounted on independent frame structure and separate weighing can be done by individual electronic load cell. Water pump installed on chassis for water and additive feeding.



SLINGER CONVEYOR

The conveyor is meant for unloading of dry concrete recipe to mixer. Conveyor is interlocked to the mixer through the batch controller (panel). This means the conveyor will not start unless the mixer is running. The conveyor has chevron type belt with canopy thorough out length and is driven by geared motor which is mounted on end of drive drum



CEMENT FEEDING HOPPER 1.0 M3 WITH CEMENT SCREW CONVEYOR

This hopper is used for storage of cement. The storage capacity of the hopper is 50 bags cement. Instead of bigger silo, this could be an optional storage for small quantum of work.

This is meant for cement feeding in to cement hopper, it is made from most efficient wear resistance flight for longer life in cement conveying. The diameter of screw flight is 219mm which is most efficient for rated output.



CONTROL PANEL

The control panel is well set in to furnished cabinet. The system combines the power of a PLC base batch controllers to provide reliable and accurate controlling. The system can be handled different scales like; Aggregate, Cement Water & Additive. The system is capable of handling multi-scale, multi-ingredient batching & mixing operation, with all necessary interlocking, timing, alarm generation, event-logging, recipe & report generating facility.

The system has Touch Screen password protection display with compact flash socket to increase memory capacity with Serial communication ports, internet port & USB port. Also the high speed sampling ensures batch to batch accuracy. All necessary interlocks are programmed within the system to allow parallel batching operation.

Silent Features

- Longer life of wear & tear parts
- Heavy duty structure
- Quick erection & commissioning
- Inbuilt pipeline of water, additive and pneumatic.
- Compact and economically designed.
- Longer life of wear & tear parts
- One operator can run the plant.

Optional Features

- Cement/ Fly Ash Storage & Conveying System
- Microwave Moisture Meter
- Computer SCADA System with accessories
- Online-offline printing system
- Skid for chassis



HCP-PAN SERIES

MODELS	UNIT	HCP20	HCP25	HCP30	HCP45
Plant capacity	m3/hr	20	25	30	45
Type of mixer	-	Pan mixer			
Mixer capacity	m3	0.25	0.4	0.5	0.75
Input/output	Litre	600/250	750/400	800/400	1250/750
Feeding belt	size	800 x 3 Ply. Chevron type			
Conveyor motor	Hp	12.5Hp			
Aggregate Bins	Nos.	4			
Cement screw	Dia.	168	219	219	219
Fly ash screw	Dia.	168	219	219	219
Total power	Hp	50	60	66	78

HCP-TWIN SHAFT SERIES

TECHNICAL SPECIFICATION SHEET

MODELS	UNIT	HCP30	HCP45	HCP60	HCP95
Plant capacity	m3/hr	30	45	60	95
Type of mixer	-	Twin shaft mixer			
Mixer capacity	m3	0.50	0.75	1	2
Input/output	Litre	750/500	1250/750	1500/1000	3000/2000
Feeding belt	size	800 x 3 Ply. Chevron type			
Aggregate Bins	Nos.	4			
Capacity of Bin	m3	4	4	5.5	8
Cement screw	Dia.	219	219	219	273
Fly ash screw	Dia.	219	219	219	273
Total power	Hp	66	78		

SCP-PAN SERIES

TECHNICAL SPECIFICATION SHEET

MODELS	UNIT	SCP20	SCP25	SCP30	SCP45
Plant capacity	m3/hr	20	25	30	45
Type of mixer	-	Pan mixer			
Mixer capacity	m3	0.25	0.4	0.5	0.75
Input/output	Litre	600/250	750/400	800/400	1250/750
Aggregate Bins	Nos.	4			
Capacity of Bin	m3	4	4	5.5	8
Capacity of Bin	m3	4	4	5.5	8
Cement screw	Dia.	168	219	219	219
Fly ash screw	Dia.	168	219	219	219
Total power	Hp	50	60	66	78

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