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**Technical Specification**

Model	VI ST 25	VI ST 30	VI ST 36	VI ST 45	VI ST 60	VI ST 75	VI ST 90	VI ST 120
Output capacity	25 M <sup>3</sup> / Hr.	30 M <sup>3</sup> / Hr.	36 M <sup>3</sup> / Hr.	45 M <sup>3</sup> / Hr.	60 M <sup>3</sup> / Hr.	75 M <sup>3</sup> / Hr.	90 M <sup>3</sup> / Hr.	120 M <sup>3</sup> / Hr.
Mixer unit	Turbo pan type mixer/ twin shaft mixer							
Main mixer reduction gear box	Imported planetary reduction gear box							
Material storage capacity	20 M <sup>3</sup>	30 M <sup>3</sup>	30 M <sup>3</sup>	40 M <sup>3</sup>	40 / 60 M <sup>3</sup>	60 / 75 M <sup>3</sup>	90 M <sup>3</sup>	100 M <sup>3</sup>
Material weighing system	Digital load cell based separate weighing of aggregate, cement, water, additive							
Batch feeding system	Through inclined belt conveyor/inclined skip bucket							
Control panel	Fully automatic PLC based control panel							
Concrete discharge height from G.I.	4.0 meter from the ground level							
Total connected power (HP)	48 HP	60 HP	68 HP	79 HP	105 HP	119 HP	192 HP	275 HP
Suggested DG Set	62 KVA	82 KVA	82 KVA	125 KVA	160 KVA	160 KVA	300 KVA	400 KVA

**Optional Accessories**

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Moisture controlling system
- Water chilling plant

# STATIONARY CONCRETE BATCHING PLANT



## Technical Specification

Model	CP 20	CP 25	CP 30	CP 36	CP 45	CP 60	CP 75
Output capacity	20 M <sup>3</sup> / Hr.	25 M <sup>3</sup> / Hr.	30 M <sup>3</sup> / Hr.	36 M <sup>3</sup> / Hr.	45 M <sup>3</sup> / Hr.	60 M <sup>3</sup> / Hr.	75 M <sup>3</sup> / Hr.
Mixer type	Turbo pan type mixer/ twin shaft mixer						
Material storage system	2 x 2 cross bin feeder						
Material storage capacity	14 M <sup>3</sup>	14 M <sup>3</sup>	20 M <sup>3</sup>	20 M <sup>3</sup>	25 M <sup>3</sup>	30 M <sup>3</sup>	30 M <sup>3</sup>
Material weighing system	Digital load cell based separate weighing of aggregate, cement, water and additive						
Material feeding system	Through inclined belt conveyor						
Control panel	Fully automatic PLC based control panel						
Concrete discharge height	4.2 meter from ground level						
Total connected power	44 HP	47 HP	52 HP	62 HP	77 HP	98 HP	108 HP
Suggested DG Set	62 KVA	62 KVA	82 KVA	82 KVA	100 KVA	125 KVA	160 KVA

### Optional Accessories

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Material feeding conveyor
- Fabricated skid



**Technical Specification**

Model	CCP 20	CCP 25	CCP 30	CCP 36	CCP 45
Output capacity	20 M <sup>3</sup> / Hr.	25 M <sup>3</sup> / Hr.	30 M <sup>3</sup> / Hr.	36 M <sup>3</sup> / Hr.	45 M <sup>3</sup> / Hr.
Mixer type	Pan type mixer/ Planetary mixer/ Twin Shaft mixer				
Material storage system	2 x 2 cross bin feeder				
Material storage capacity	12 M <sup>3</sup>	12 M <sup>3</sup>	14 M <sup>3</sup>	14 M <sup>3</sup>	20 M <sup>3</sup>
Material weighing system	Digital load cell based weighing of aggregates, cement, water and additive				
Control panel	PLC based control panel with internal cabling				
Total connected power	40 HP	41 HP	50 HP	55 HP	69 HP
Suggested DG Set	62 KVA	62 KVA	82 KVA	82 KVA	100 KVA
Concrete discharge height	2.1 Meter from the ground level				

**Optional Accessories**

- Computer SCADA system and software
- Fly ash feeding system and storage silos
- Prefab cabin for control panel



## ECO SERIES

### Technical Specification

Model	ECO 15	ECO 18	ECO 21	ECO 25	ECO 30	ECO 36
Output capacity	15 M <sup>3</sup> / Hr.	18 M <sup>3</sup> / Hr.	21 M <sup>3</sup> / Hr.	25 M <sup>3</sup> / Hr.	30 M <sup>3</sup> / Hr.	36 M <sup>3</sup> / Hr.
Mixer type	Turbo pan type mixer with spring backed arms					
Material storage capacity	10 M <sup>3</sup>	10 M <sup>3</sup>	12 M <sup>3</sup>	12 M <sup>3</sup>	14 M <sup>3</sup>	14 M <sup>3</sup>
Material weighing system	Digital load cell based weighing of aggregates, cement, water separately					
Total connected power	27 HP	29 HP	34 HP	37 HP	42 HP	47 HP
Suggested D.G. set	40 KVA	40 KVA	62 KVA	62 KVA	62 KVA	82 KVA

#### Optional Accessories

- Computer SCADA system and software
- Fly ash feeding system and storage silos
- Prefab cabin for control panel

## MOBILE CONCRETE BATCHING PLANT WITH REVERSIBLE DRUM TYPE MIXER

### Technical Specification

Model	RMB 15	RMB 20	RMB 30
Output capacity	15 M <sup>3</sup> / Hr.	20 M <sup>3</sup> / Hr.	30 M <sup>3</sup> / Hr.
Material storage capacity	10 M <sup>3</sup>	12 M <sup>3</sup>	14 M <sup>3</sup>
Material weighing system	Digital load cell based weighing		
Total connected power	25 HP	30 HP	40 HP
Suggested D.G. set	40 KVA	50 KVA	62 KVA



## RMB SERIES



## REVERSIBLE CONCRETE MIXER DIESEL ENGINE OPERATED

### Technical Specification

Model	RM 800 DI	RM 1050 DI
Output capacity/ Hour	10-12 M <sup>3</sup>	12-15 M <sup>3</sup>
Main drive of the mixer	16 HP Air cooled diesel engine	25 HP air cooled diesel engine
Material weighing system	Digital load cell based weighing of material	
Pneumatic tyres	4 no	4 no
Control panel	Micro processor based control panel	

### Optional Accessories

- Printing facility

## REVERSIBLE CONCRETE MIXER ELECTRIC ENGINE OPERATED

### Technical Specification

Model	RM 800 E	RM 1050 E	RM 1400 E
Output capacity/ Hour	10-12 M <sup>3</sup>	12-15 M <sup>3</sup>	15-17 M <sup>3</sup>
Main drive of the mixer	10 HP	15 HP	20 HP
Material weighing system	Digital load cell based weighing of the material in each bin		
Pneumatic tyres	4 no	4 no	4 no
Control panel	Micro processor based control panel		
Total connected power	12.5 HP	17.5 HP	23 HP
Suggested DG set	25 KVA	30 KVA	40 KVA

### Optional Accessories

- Printing facility
- Auto admixture dosing system
- Single/two/three bin system

# VERTICAL CEMENT/FLY ASH STORAGE SILO AND FEEDING SYSTEM

Cement and fly ash storage/Feeding system is widely used to store the loose cement or fly ash. Generally storage systems are required for concrete batching plants, Fly ash brick plants and this storage and feeding system is also widely used for storing and feeding various other fine aggregates which comes in form of powder. The structure of the silo is made from IS 2062 B grade material and it's a air tight with having top main hole provision and bottom butterfly valve provision. Silo comes with inner and outer ladder which is used to clean or inspect the silo when required. In some special cases silo can be made from SS material or as per the client's requirement.

- Storage silos come in various capacity like 50 ton, 60 ton, 80 ton, 100 ton and 150 ton Etc. and also as per the requirement of client.
- We also provide Silo accessories which are very useful and they are
  - Level indicators
  - Special Round type dust collectors
  - Pressure safety Relief valve
  - Bin aerator
  - Fluidization nozzles
  - Roots blower or Twin Lobe compressor which is also known as cement feeding system
  - Bag feeding system Etc.
- Cement/ Fly ash storage silos are very useful in modern days as it helps to store bulk quantity of material with very less space requirement.
- It also saves the labour requirement and protect the material from the climate changes like rain etc. and also it's a very reliable and cost effective system for storing the fine materials.



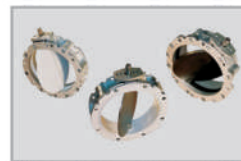
Screw conveyor



Twin lobe blower



Paddle type level indicators



Butterfly valves



Pressure safety relief valve



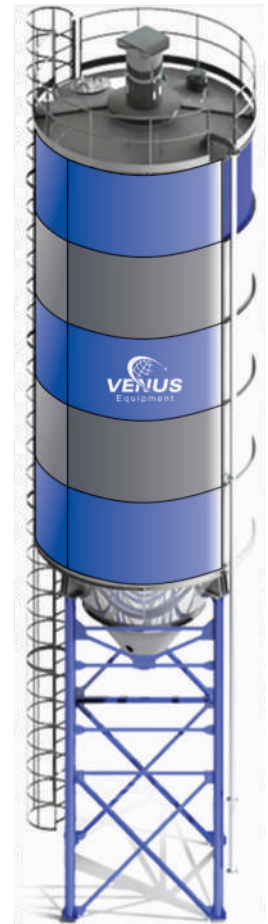
Special round type dust collector



Cement / Fly ash debagging system



Aeration nozzles



## HORIZONTAL CEMENT/ FLY ASH STORAGE SILO

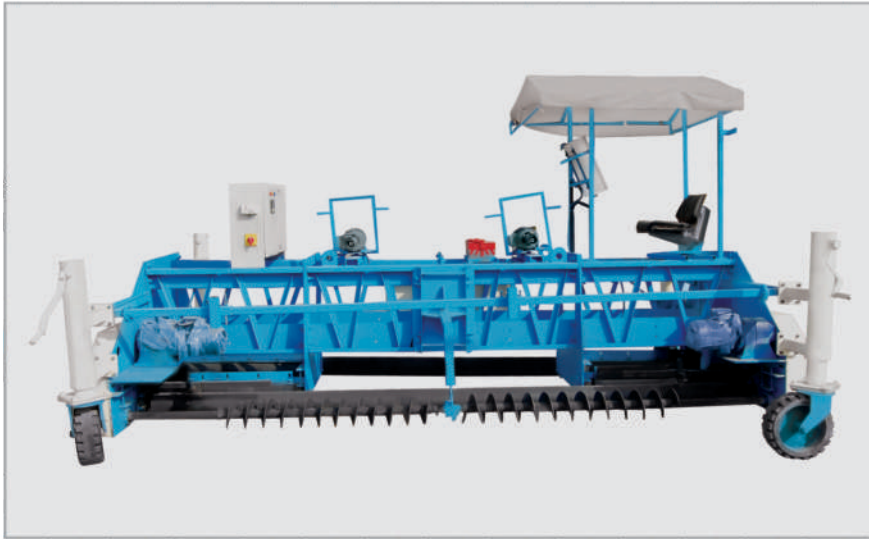
- Comes in storage capacity of 40 MT / 60 MT / 80 MT and 100 MT.
- No requirement of heavy civil foundation works.
- Easy to erect and commission at site and easy to shift.
- No cement Go down required at site.
- Client can store loose as well as bag cement in this horizontal silo.
- No wastage of cement due to leak proof design.
- Helps you to achieve Pollution free handling of cement at site.
- Easy to shift and reinstall as the horizontal silo comes with skid mounted design.





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## CONCRETE SCREED PAVER



(Available in clear working width of 2.5 Mtr to 6 Mtr)

## FIX FORM CONCRETE ROAD/CANAL PAVER FINISHER

(Available in clear working width of 3 Mtr to 15 Mtr)



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### Complete Solutions for the Civil & Road Construction Machineries

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