



An ISO 9001: 2015 (QMS)

**ALFA-OMEGA**  
Landmark to your triumph

**BUILDING CONSTRUCTION  
EQUIPMENT & MACHINERY**

# CONCRETE BATCHING PLANT





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## COMPANY PROFILE



**OUR VISION:** Empowering Roads, Connecting Dreams- Our vision is to be the leading force in shaping the future of road construction, where our innovative solutions pave the way for safer, sustainable, and well connected communities.

**OUR MISSION:** At Alfa-Omega, as we celebrate 25 years of excellence, our mission remains steadfast: to design, manufacture, and deliver state-of-the-art road construction plants that redefine industry standards.



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## CONCRETE BATCHING PLANT



Capacity: **CBM 20, CBM 30, CBM 45, CBM 60, CBM 90**

### SALIENT FEATURES

- Inclined conveyor for feeding of aggregate into mixer
- Incline store of aggregates
- Aggregates weighing conveyor suspended on Load Cells
- Operation through fully automatic Electronic Control Panel
- Independent weighing system for cement, water and additive
- Manufacturing is done with advance Internationally recognised techniques
- Equipment with Pan / Planetary / Twin Shaft Mixer
- Global presence with prompt after-sales support



## COMPACT STATIONARY CONCRETE BATCHING PLANT

MODEL	ASC 20	ASC 25	ASC 30	ASC 45	ASC 60
Output capacity	20 M/Hr.	25 M/Hr.	30 M/Hr.	45 M/Hr.	60 M/Hr.
Plant assembly	Whole assemble on single chassis				
Mixer Type	Turbo pan type mixer/twin shaft mixer				
Main Reduction Gear	Imported planetary Gearbox				
Main Mixer Drive	20 HP	25 HP	30 HP	40 HP	50 HP
Material Storage System	2 x 2 cross bin Feeder				
Material Storage capacity	14 M	14 M	20 M	25 M	30 M
Material Weighing System	Digital load cell based weighing system				
Material Feeding System	Through inclined belt conveyor				
Cement Feeding System	Through inclined screw conveyor				
Water weighing system	Digital load cell based weighing of water in separate tank				
Admixture dozing system	Digital load cell based auto admixture dozing system				
Control Panel	Fully automatic PLC based control panel				
Control Cabin	Provided				
Concrete Discharge Height	4.2 meter from the ground level				
Total Connected Power	48 HP	53 HP	63 HP	77 HP	98 HP
Suggested DG Set	62 KVA	62 KVA	82 KVA	100 KVA	125 KVA

### OPTIONAL ACCESSORIES

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



## MOBILE CONCRETE BATCHING PLANT

MODEL	AFP 20	AFP 25	AFP 30	AFP 45
Output capacity	20 M/Hr.	25 M/Hr.	30 M/Hr.	45 M/Hr.
Plant assembly	Whole plant assembly is on wheel mounted single chassis			
Mixer Type	Pan type Mixer / Planetary Mixer / Twin Shaft Mixer			
Main Mixer Drive	20 HP	25 HP	30 HP	40 HP
Material Storage System	2 x 2 cross bin feeder			
Material Storage Capacity	12 M	12 M	14 M	20 M
Material Weighing System	Digital load cell based weighing of aggregates, Cement, Water and Additive			
Cement Feeding System	Through inclined screw conveyor			
Mobility arrangement	Provided along with tow bar facility			
Control Panel	PLC based control panel with internal cabling			
Total Connected Power	45 HP	53 HP	58 HP	79 HP
Suggested DG Set	50 KVA	62 KVA	82 KVA	100 KVA
Concrete Discharge Height	2.1 meter from the ground level			

### OPTIONAL ACCESSORIES

- SCADA software with computer
- Fly ash / GGBS feeding system
- Storage silos
- Prefab cabin for control panel



## MOBILE CONCRETE BATCHING PLANT

MODEL	AMP 15	AMP 18	AMP 24	AMP 30
Output capacity	15 M/Hr.	18 M/Hr.	24 M/Hr.	30 M/Hr.
Plant assembly	Whole plant assembly is on single chassis			
Mixer Type	Turbo Pan type Mixer with spring arms			
Material storage capacity	10 M	10 M	12 M	12 M
Material weighing System	Digital load cell based weighing of aggregates, Cement, Water separately			
Cement Feeding System	Through inclined screw conveyor			
Mobility arrangement	Provided along with tow bar facility			
Total connected power	30 HP	35 HP	40 HP	45 HP
Suggested DG Set	40 KVA	40 KVA	50 KVA	62 KVA
Concrete discharge heightl	1 meter from the ground level			

### OPTIONAL ACCESSORIES

- SCADA software with computer
- Fly ash / GGBS feeding system
- Storage silos
- Prefab cabin for control panel



## MOBILE BATCHING MACHINE DIESEL ENGINE OPERATED

MODEL	AMB 800 DI	AMB 1050 DI
Output capacity / Hour	10-12 M	12-15 M
Mixer Type	Reversible Drum type Mixer	
Mixing and Discharge of concrete	Forward rotation of drum mix the material and reverse rotation of drum discharges the concrete	
Main drive of the Mixer	16 HP Air cooled diesel engine	20 HP Air cooled diesel engine
Material Weighing System	Digital load cell based weighing of material	
Water Tank Capacity	200 Liters	250 Liters
Water Feeding System	Auto water dozing system	
Pneumatic Tyres	4 nos	4 nos
Hydraulic Tank Capacity	200 Liters	250 Liters
Centralized lubrication System	Inbuilt centralized lubrication system	
Tow Bar facility	Yes	Yes
Control Panel	Micro processor based control panel	
Hydraulic Oil Cooler	Yes	Yes
12V DC battery	80 AMP	80 AMP

### OPTIONAL ACCESSORIES

- Pen Drive facility
- Single / two bin arrangement

# OUR PRESENCE WORLDWIDE



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