

Right Mix of Speed  
Quality & Capacity



## PLANT ATP 45/60/75

Concrete Batching Plant



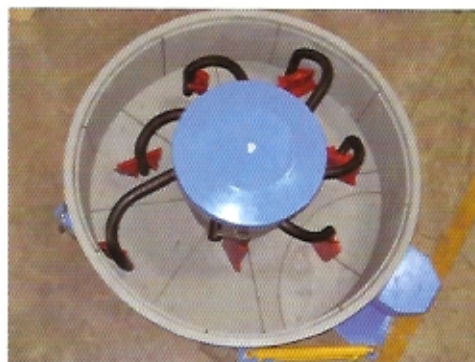
## Twin Shaft Mixer

- 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



## Pan mixer

- Newly designed Pan Mixer with outer and inner scrapers for perfect mixing
- The floor & full wall of the mixers are lined with special wear resistant and replaceable plates
- Long service life and low operating cost
- Detachable arms & easy fittings
- Easy for maintenance
- Rubber lined arms



## 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.



## Weighing & Batching System

- Consists of
  - Aggregate waiting hopper
  - Cement / fly ash weighing hopper
  - Water weighing hopper
  - Additive weighing container



## PLC based Control Panel with Cabin

- PLC based panel with HMI display and computer
- All Motors are protected through MPCBs
- 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
- PLC based Control Panel with COMMAND ALKON (U.S.A.) [On Request]







**Concrete Batching Plant ATP 45/60/75**

## Benefits

- Due to 3 Batch System Plant gives 90% of the theoretical output claimed
- Robust and Steady Structure made from square and rectangular tube for longer durability and protection from corrosion
- B & R PLC improves the accuracy of Weighing System as it does not require extra weighing indicators
- Quick Exhaust Valve fitted with all Pneumatic Cylinders to maintain the accuracy in weighing system
- Feeder Screen to protect from oversized aggregate and Sand
- MPCB are provided for all Electrical motor Safety
- Cover is provided to every electrical motor for protection against dust and water

## Standard Supply

Inline aggregate storage bins  
 Weighing bin and conveyor  
 Charging conveyor  
 Cement bag filling hopper with screw conveyor  
 Control Cabin containing PLC base control panel with HMI display, Computer & Printer  
 Weighing & batching system  
 Air compressor  
 Admixture dosing system

## On Request

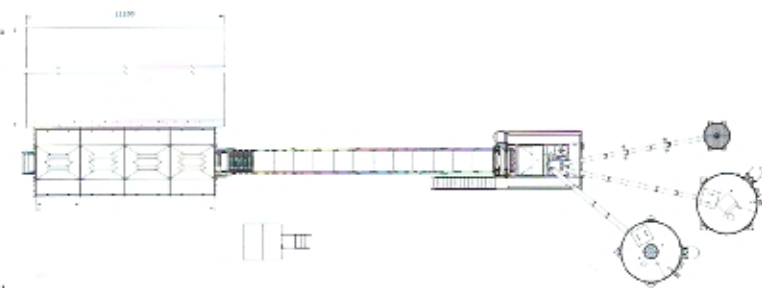
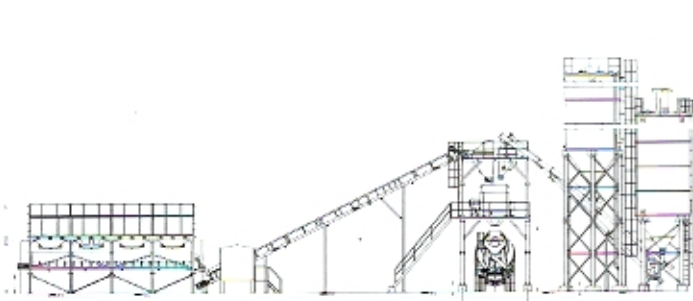
Storage silo for cement / fly ash  
 Silo accessories  
 Silo feeding system  
 Water Pump with Pipe Connection

  
**Apollo**<sup>®</sup>  
 CONCRETE SOLUTIONS



## Technical Specification for Model ATP 45/60/75

1. Concrete Output/hr (Under ideal condition and continuous operation)	45 m <sup>3</sup>	60 m <sup>3</sup>	75 m <sup>3</sup>
2. Aggregate Storage System	In Line Bin	In Line Bin	In Line Bin
a. Aggregate Storage Bins / Capacity	4 Nos. / 45 m <sup>3</sup>	4 Nos. / 60 m <sup>3</sup>	4 Nos. / 60 m <sup>3</sup>
b. Vibrator Motor	1 No.	1 No.	1 No.
3. Aggregate Weighing System	Yes	Yes	Yes
a. Weighing Hopper	Yes	Yes	Yes
b. Electromagnetic Load Cell	4 Nos.	6 Nos.	6 Nos.
4. Charging conveyor	Yes	Yes	Yes
5. Aggregate Hopper	Yes	Yes	Yes
a. Pneumatic Discharge Gate	Yes	Yes	Yes
b. Hopper	Yes	Yes	Yes
c. Vibrator Motor	1 No.	1 No.	1 No.
6. Mixer Unit	Yes	Yes	Yes
a. Type	Twin Shaft/Pan/Planetary	Twin shaft/Planetary	Twin shaft/Planetary
b. Capacity	1250/750	1500 /1000	1750 /1250
c. Side & Bottom Lining	Anti Wear	Anti Wear	Anti Wear
d. Mixing & Side Scraper Blade	Anti Wear	Anti Wear	Anti Wear
7. Weighing and Batching System	Yes	Yes	Yes
a. Cement / Fly Ash Hopper	Yes	Yes	Yes
b. Electromagnetic Load Cell	3 Nos.	3 Nos.	3 Nos.
c. Cement Vibrator	1 No.	1 No.	1 No.
Admixture Weighing System	Yes	Yes	Yes
a. Weighing Container	Acrylic Container	Acrylic Container	Acrylic Container
b. Electromagnetic Load Cell	1 No.	1 No.	1 No.
Water Hopper	Yes	Yes	Yes
a. Water Connection	50 NB	65 NB	65 NB
b. Load Cell	3 Nos.	3 Nos.	3 Nos.
8. Cement Screw Conveyor with Bag Hopper / Capacity	Yes / 50 Bags	Yes / 50 Bags	Yes / 50 Bags
9. Pneumatic System	Yes	Yes	Yes
Air Compressor	5 HP	10 HP	10 HP
10. Fully Automatic Control Panel with Computer and Printer	Yes	Yes	Yes
11. Centralized Insulated Control Cabin	Yes	Yes	Yes
12. Connected Load for Standard Plant - hp	98	131.5	131.5
14. Required DG Set	126	183	183
15. Connected Load for Lobe compressor - hp/kva	40/54	40/54	40/54



- With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice.
- Accessories shown here are optional and not the part of standard supply.



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