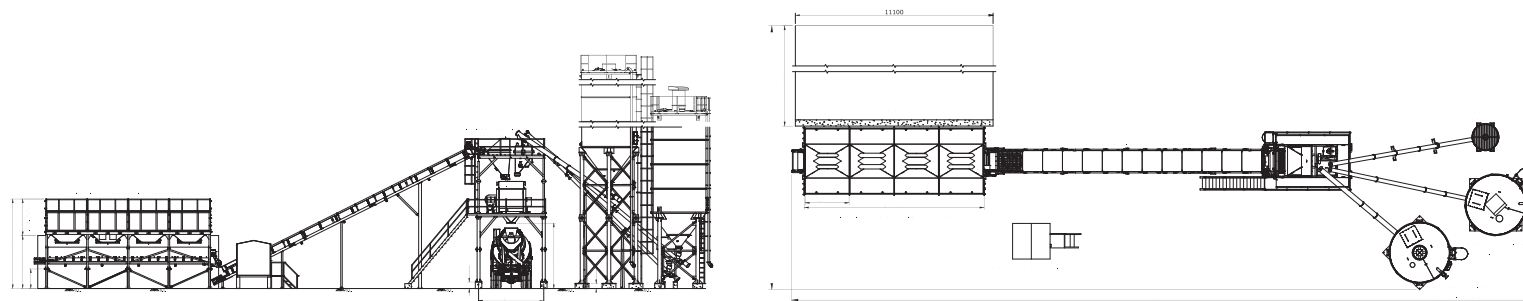


Technical Specification for Model ATP 45/60/75

1. Concrete Output/hr (Under ideal condition and continuous operation)	45 m ³	60 m ³	75 m ³
2. Aggregate Storage System	In Line Bin	In Line Bin	In Line Bin
a. Aggregate Storage Bins / Capacity	4 Nos. / 45 m ³	4 Nos./ 60 m ³	4 Nos./ 60 m ³
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

Right Mix of Speed Quality & Capacity



- 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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Concrete Batching Plant ATP 45/60/75



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

