



Precast the way forward



Hollowcore Slabs



Hollow Blocks



Concrete Pipes



Precast Wall Panels

Technical Specification of Batching Plant for Precast Applications

	0.25	0.375	0.5	0.75	1	1.5	2
1 Mixer Capacity (m ³ /batch)	0.25	0.375	0.5	0.75	1	1.5	2
2 Aggregate Storage System	inline bin/ compartment	inline bin/ compartment	inline bin/ compartment	inline bin	inline bin	inline bin	inline bin
	5 m ³ /each	5 m ³ /each	7.5 m ³ /each	10 m ³ /each	15 m ³ /each	20 m ³ /each	25 m ³ /each
3 Vibrator motor (Nos.)	1	1	1	1	1	1	1
4 Aggregate Weigh System	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5 Weigh Hopper	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6 Loadcell (Nos.)	4	4	4	4	6	6	6
7 Charging Conveyor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8 Cement/Flyash Weighing System	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9 Weigh Hopper Capacity (Kg.)	180	225	300	500	700	1000	1000
10 Loadcell (Nos.)	3	3	3	3	3	3	3
11 Cement Screw Conveyor with Bag Hopper	Yes	Yes	Yes	Yes	Yes	Optional	Optional
12 Admixture Weighing system	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13 Weighing container	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
14 Loadcell	1	1	1	1	1	1	1
8 Mixer Moisture probe	Optional	Optional	Optional	Optional	Optional	Optional	Optional
9 Sand Moisture Probe	Optional	Optional	Optional	Optional	Optional	Optional	Optional
10 Water Measuring System	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
11 Pneumatic system	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12 Air Compressor (HP)	2	2	2	5	10	10	10
13 Fully Automatic control Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14 Computer & Printer	Optional	Optional	Optional	Yes	Yes	Yes	Yes
15 Centralized Insulated Control Cabin	Yes	Yes	Yes	Yes	Yes	Yes	Yes
16 Connected Load (in hp) for Standard Plant	45/65	51/71	65/90	103	152	157	232
Required DG set	66/83	66/101	83/126	126	183	183	308
Required Land Area	20 x 15	20 x 15	22 x 15	40 x 25	40 x 25	40 x 30	45 x 35
(for Batching Plant w/o storage)							

• 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.

Planetary Mixer

- A modern mixing technology which ensures a complete homogeneous concrete quality with shorter cycle times.
- The floor & full wall of the mixing cylinder are lined with special wear resistant & replaceable plates.
- Long service life & low operating cost
- Emergency Manual discharge facility



Concrete Batching Plants for Precast Applications
[Mixer Capacity : 0.25 to 2 m³/batch]

PLC based Control Panel with Cabin

- PLC based panel with HMI display
- 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]



Applications

- Hollow core slabs
- Precast Concrete pipe
- Solid slabs & wall panels
- Precast Beam, Column & stair case
- Paver blocks & Rubber blocks
- Box Culverts & Manholes
- Hollow blocks



Moisture Probe Management Facility

- Consistent batch quality
- Alarm function for high or low moisture contents
- Reduction in cement use
- Reduction in wastage due to incorrect moisture or slump
- Reduced mix cycle times

