



Concrete Batching/Mixing Plant
Turbo Pan Mixer / Planetary Pan Mixer / Twin Shaft Mixer
(Output : 20 to 120 Cum./hr.)

PCB SERIES

INTRODUCTION :

“PLUS” make Concrete Batching / Mixing Plant is Robust, Compact, Most Versatile & Efficient used for achieving desired homogeneous mix of designed concrete.

These plants are mostly used for Dam Project, Airport, Metro Rail, RMC, Canal, Buildings, Precast Applications etc. These plant are available with Heavy duty Turbo Pan Mixer Planetary Mixer and Twin Shaft Mixer. All type of mixer are lined by High Resistance replaceable tiles inside the body for long life.

TECHNICAL SPECIFICATION :

SPECIFICATION	UNIT	PCB-24	PCB-30	PCB-45	PCB-60
Type of Mixer		Turbo Pan Mixer	Turbo Pan Mixer / Planetary / Twin Shaft Mixer	Turbo Pan Mixer / Planetary / Twin Shaft Mixer	Twin Shaft Mixer / Planetary Mixer
Capacity	Ltr.	550	750	900	1500
Compacted Output per Batch	Ltr.	375	500	750	1000
No. of Aggregate	No.	3	4	4	4
Storage Cap. of Aggregate	Cum	18	24	40	40
Aggregate Loading in Mixer		Belt Conveyor	Belt Conveyor	Belt Conveyor	Belt Conveyor
Weighing Capacity					
Aggregate	Kg.	900	1200	1800	2400
Cement	Kg.	250	300	450	600
Water	Kg.	150	200	300	400
Additive	Ltr.	10	10	10	10x2
Power Requirement	HP				
Pan Mixer	HP	20	30	40	50 / 60
Weighing Belt Conveyor	HP	7.5	10	10	12.5
Screw Conveyor - Cement	HP	7.5	12.5	12.5	15
Water Pump	HP	3	3	3	25
Air Compressor	HP	3	3	3	5
Hydraulic Power Pack	HP	3	3	3	5
Additive Pump	HP	1	1	1	5
Cement Vibrator	HP	0.15	0.15	0.15	1x2=2
Sand Vibrator	HP	0.25	0.25	0.25	0.15
Total Connected Load	HP	45.4	62.9	72.9	119.9/129.9
DG Set Required	KVA	82	125	125	180
Aggregate Loading Height	Mt.	2.7	2.7	2.7	3.5
Discharge Height	Mt.	1.6	3.4	3.4	4

SALIENT FEATURES :

- Replaceable arms, tips & tiles in All type of Mixer.
- High Quality Concrete Production with Less Maintenance Cost.
- Easy & Quick Installation with Less foundation cost.
- Cost effective design of the plant to get more output from low cost.

OPTIONAL ITEMS :

- Cement/Fly Ash Storage Silo with additional Cement/Fly Ash Screw Conveyor.
- Silo Accessories.
- Available variant models of Mixer like; Turbo Pan Mixer, Planetary Mixer & Twin Shaft Mixer.
- Available variant models of plant like; Compact concrete batching plant, Skid mounted concrete batching plant, Mobile concrete batching plant etc.
- SCADA System with computer & Printer.



Dealing in Construction Equipment

904, Signature -1 Near adani petrol pump, opp. andaz party plot S.G Highway Makarba Ahmedabad-380051