



IBP SERIES

Inline Bin Plant



IBP 90



IBP 120

Inline Bin Plant

IBP Series

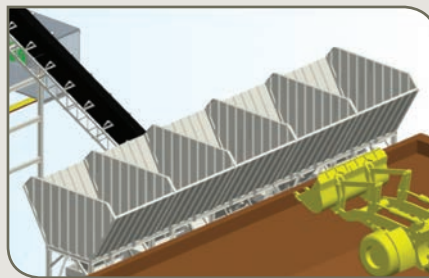
Features

- Fully Automatic computerised plant.
- Twin shaft mixer for higher homogeneity and lower power consumption
- Sturdy construction and high durability components
- Modular design with sub assembly to reduce erection time
- Precision Engineered plant



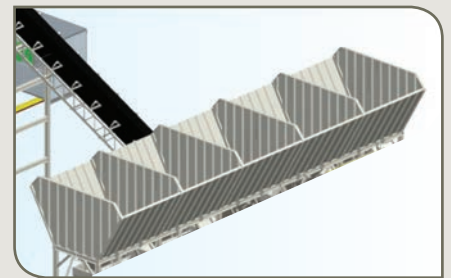
Twin shaft

Specially designed arms and unique reversible mixing blades create ideal circular and horizontal movement of mix.



Aggregates Loading

Direct loading to bins by backhoe loader/ additional loading conveyor with loading hopper



Bin Storage Capacity

20 cu.m each x 5 = 100 cu.m, extendable to 150 cu.m

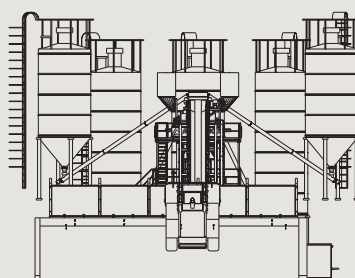
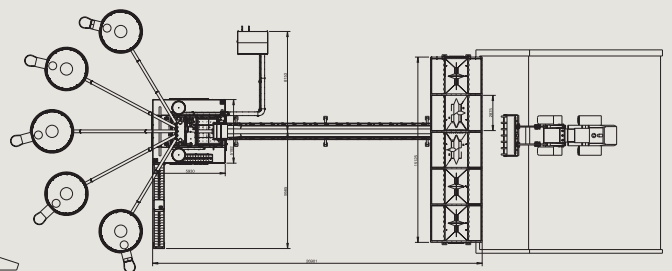
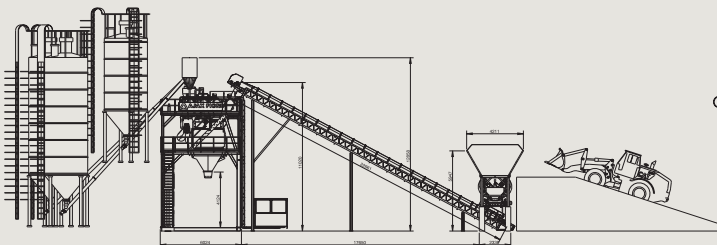
Layout space requirement

- 19x26 = 494 sq. m min, excluding ramp & silos.

Low Power Consumption & faster cycle time in aggregate batching

- Less power requirement as 5 bins are split design with 7.5kW x 2 motors for batched aggregates conveying and reduced time due to simultaneous conveying of material

Dimensions





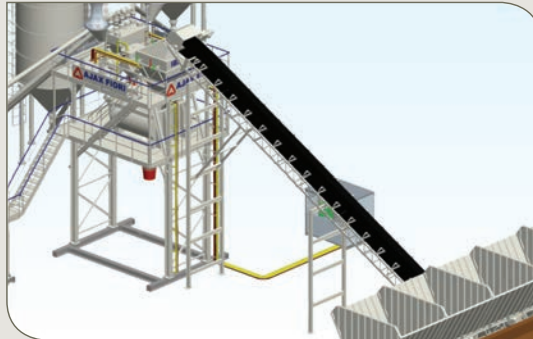
NHAI //



Dam Project //



Power Projects //

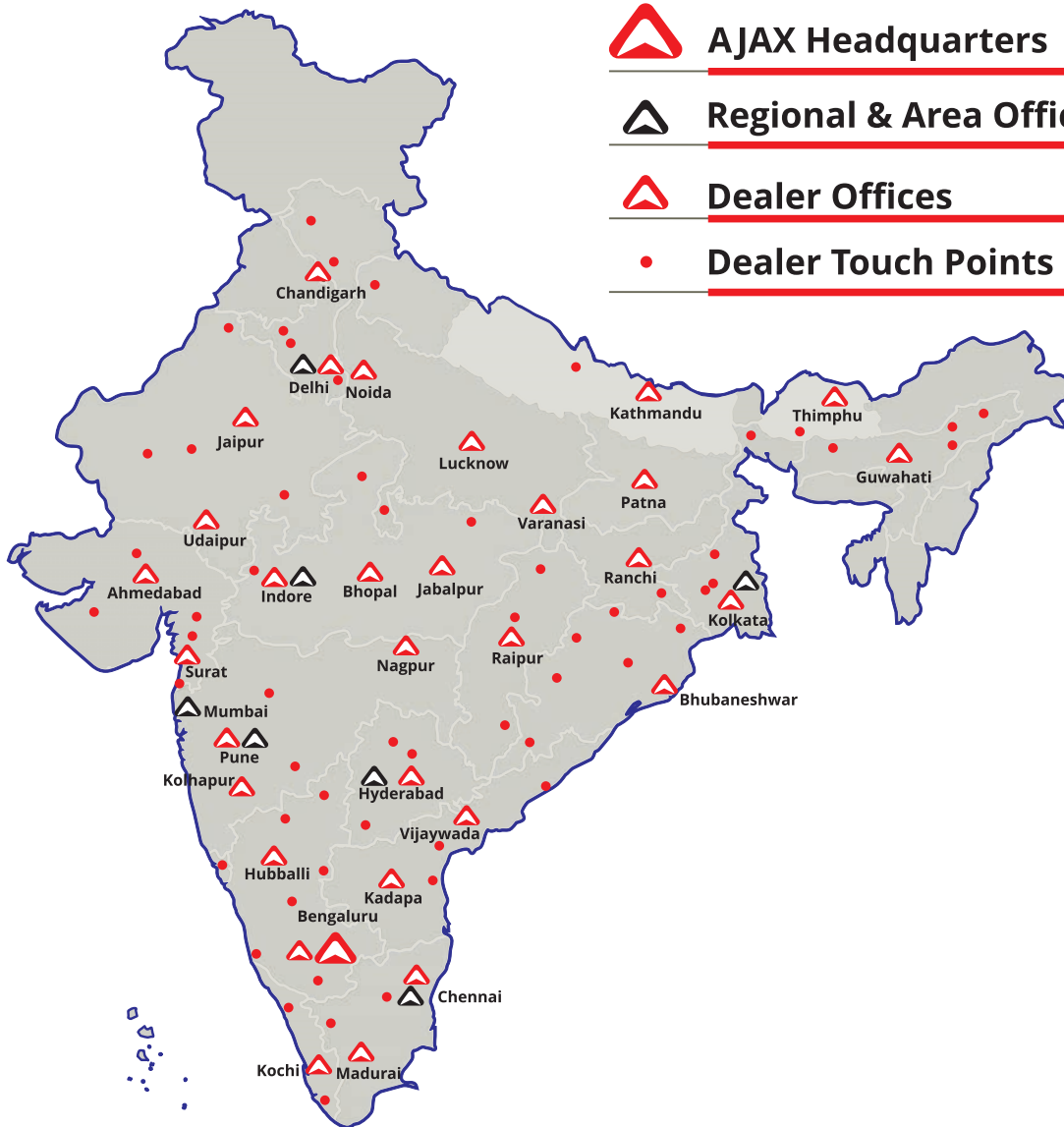


Technical Specification

Description	IBP 90	IBP 120
Mixer		
Model	ATS 3000/2000 Mixer	ATS 4500/3000 Mixer
Mixer Capacity (Filling Volume / Plastic Concrete)	3000 ltr / 2000 ltr	4500 ltr/ 3000 ltr
Mixer Motor	(37*2)kW	(55*2)kW
Throughput	90 m ³ /hr	120 m ³ /hr
Maximum Aggregate Size/ maximum quantity	50 mm/ 20 %	50 mm/ 20 %
Concrete Discharge Height	4.1 m	4.1 m
Aggregate Storage		
Type	Inline Bins	Inline Bins
No. of Bins	3 + 3 nos	3 + 2 nos
Total Storage Capacity	120 m ³ / 180 m ³	100 m ³ / 150 m ³
Volume/Weighing Capacity		
Aggregate	5400 kg + 5400 kg	5400 kg + 3600 kg
Cement	1200 kg	2000 kg
Water	750 ltrs	1000 ltr
Admixture	20 ltr	20 ltr
Load Cells		
Aggregate Weighing	4 + 4 nos	4 + 4 nos
Cement Weighing	3 nos	3 nos
Water Weighing	1 no	3 nos
Admixture Weighing	1 no	1 no
Cement Screw Feeder		
Nominal Output	90 Tph	90 Tph
Length	12m	14 m
Diameter	273 mm	273 mm
Motor Power	18.5 kW	18.5 kW
Air Compressor Unit		
Type	Two stage, Two cylinder unit	Two stage, Two cylinder unit
Tank Capacity	500 ltr	450 ltr
Load		
Maximum Operational Load *	147 kW	220 kW
Total Connected Load	187 kW	260 kW

* Changes according to requirement

AJAX Support Network



-  **AJAX Headquarters**
-  **Regional & Area Offices**
-  **Dealer Offices**
-  **Dealer Touch Points**



An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Company

Corporate Office:

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Plot No. 149, 150 & 151, KIADB Industrial Area, Phase III, Obadenahalli Village Kasaba Hobli, Doddaballapur, Bengaluru Rural - 561 203, Karnataka

Gowribidanur:

Plot No. IP 9-11, 17 & 18, Gowribidanur Industrial Area, Kudumalakunte Village Gowribidanur, Chikkaballapur District - 561 208, Karnataka

Authorised Dealer:



SELF LOADERS



BATCHING PLANTS



CONCRETE PUMPS



TRANSIT MIXERS

*Specifications are subject to change without prior notice. Products shown herein may include optional equipment. Kindly consult your nearest Ajax representative for more details.