

# **CONCRETE BATCHING PLANT**

## **JMPH SERIES**



### **SPECIAL FEATURES**

- ➡ 'Jayem' range of low-level bin-fed batching plants are unrivalled by any of its competitors. All batching plants offered are fully transportable, fully automated. The compact and easy-to-use design of these plants ensure they can be up and working within few hours of arrival on site.
- ➡ 'Jayem' low-level dry plant is available in two sizes: 3 or 4 bin with output capacities from 20-90m<sup>3</sup>/hr. Each unit has a specially designed conveyor belt to lift the raw materials, which folds away into the first aggregate bin, minimising its height for transportation. Every plant comes fitted with load cells and a digital display with print out facilities to enable constant control of raw materials. Jayem can supply a wide array of accessories to work alongside the low-level batching plants including: ad-mixture dosing system, cement silo, aggregate feeders and water chillers.
- ➡ Gathering / weighing conveyor: Aggregates are discharged sequentially according to predefined set values on to the gathering conveyor. The gathering conveyor assembly is suspended on 4 load cells as soon as desired recipe of aggregates accumulates gathering conveyor discharge the mix on the slinger conveyor. The gathering conveyor & slinger conveyor are provided with idlers roller guides & return roller.

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- Slinger conveyor: Slinger conveyor discharges aggregate to the retention hopper/mixing drum.
- Weighing system for cement, water & additives.
- Retention hopper: Temporary storage hopper is provided with vibrator & it is utilized for holding the batch of 4 aggregates before feeding to the pan mixer/Twin shaft mixer.

## OPTIONALS

- Control cabin.
- Admixture dosing system.
- Cement silo
- PLC/SCADA based controller.
- Display Monitor.
- Printer

## TECHNICAL SPECIFICATION:-

MODEL	JMPH-20	JMPH-30	JMPH-45	JMPH-60	JMPH-75
Capacity(Cum/hr)	20	30	45	60	75
Input capacity in <u>liters</u>	500	750	1125	1500	1875
Output capacity in <u>liters</u>	350	500	750	1000	1250
Number of batcher/ <u>Hr</u>	60	60	60	60	60
Mixer H.P	20	30	40	50	60
Belt conveyor H.P	7.5	10	12.5	15	20
<u>Slinger conveyor H.P</u>	7.5	10	12.5	15	20
Cement screw conveyor H.P	10	10	12.5	15	12.5x2
Discharge Height(Meters)	4	4	4	4	4

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