

www.uscindia.co.in

# WORLD-CLASS. HIGH-TECH. END-TO-END.

## UNIVERSAL CONSTRUCTION EQUIPMENTS SOLUTIONS.

- 75+ Offices Pan-India
- Export to over 45 Countries
- Three Manufacturing Plants at Pune, Satara and Rudrapur
- India's Largest Portfolio of over 50 Concrete Equipments
- India's only Concrete Equipments Company with R&D Facility recognized by The Govt. of India
- India's only Concrete Equipments Company with Robotics Manufacturing Facility
- In-House Training Center approved by CIDC

### WORLD-CLASS SOLUTIONS ACROSS 11 CATEGORIES

BATCHING PLANTS	CONCRETE PUMPS	TRANSIT MIXERS	VERTICAL HANDLING EQUIPMENTS	REVERSIBLE MIXERS	MINI DUMPERS	CONCRETING EQUIPMENTS	BLOCK MAKING EQUIPMENTS	BAR PROCESSING EQUIPMENTS	SAND PROCESSING EQUIPMENTS	EARTH COMPACTING EQUIPMENTS
--------------------	-------------------	-------------------	------------------------------------	----------------------	-----------------	--------------------------	-------------------------------	---------------------------------	----------------------------------	-----------------------------------

## Concrete Batching Plant RM Series

Universal, the Indian Leaders in Concreting Equipments present the revolutionary Batching Plant Series that provide efficient and optimum solutions to small, medium and large concreting needs. These batching plants come in various capacities and offer maximum customisation facilities to

clients ranging from Small Real Estate Developers to Large Infrastructure Developers. Technologically at par with the European Leaders, these equipments are efficient, easy to operate, competitively priced, low on maintenance and designed to withstand extreme site conditions.



Available in two variants - stationary and mobile, these equipments take minimum assembly time and do not need any foundation for erection. Universal's Batching Plants are furnished with computer aided controls, which use the latest technology and thus offer maximum precision in achieving the perfect concrete consistency. These equipments come with adjustable dispenser heights as they load the concrete directly into the concrete pumps or transit mixers. With built-in Electronic weighing system and variety of shafts and mixers, these equipments produce quality concrete mixtures of all consistencies; reducing the mixing time and energy requirements. The plants also come with automatic water / admixture dosing system to feed preset quantities of water and admixture in mixing drum thus offering continuous and consistent concrete.

Batched with so many features and long list of advantages, Universal's Batching Plants are fast becoming an essential at most construction and infrastructure development sites. So if your needs are reliable and efficient concreting solutions, Universal has the perfect solution for you.

### Salient features

- Easy to operate
- Withstands extreme site conditions
- Capacities from 12 Cu. M/ hr to 30 Cu. M/ hr
- Minimum assembly time
- Technology at par with European competitors

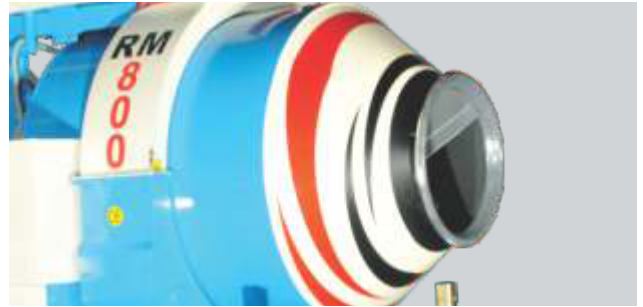


## Features



### Aggregate Batching System:

Installed with Advance and Independent aggregate Batching system for better performance of the plant.



### Reversible Drum Mixer

Universal Reversible Drum Mixer are manufactured & designed in special steel to give homogeneous mix. The plant can mix aggregate upto 80mm.



### Control Panel with Computer & SCADA features, enclosed in specially designed FRP cabin:

Plant are run by sturdy and reliable control panel with Siemens PLC and switch gears. Panel is with computer and installed with SCADA system.



### Automatic Cement & Fly Ash Feeding System

Loadcell based (Electronic) batching system. Screw conveyors fitted with 1 Cu.M. storage bins for manual bag feeding to the system. Compatible for both, silo feeding and bag feeding system



### Adjustable Height

Batching Plant are designed for versatile applications. It can be installed with concrete discharge height for Transit Mixer or Concrete Pump.



### Water / Admixture Dozing System

Desired quantity is set on the controller and the system automatically disperses the quantity in the drum. Accuracy  $\pm 2\%$

# Concrete Batching Plant

Stationary : RM Series - 12, 15 & 20 CuM / Hr.



DESCRIPTION	UBP - 12	UBP - 15	UBP - 20
Mixer Type	Reversible Drum		
Output	12 Cu.m./hr.	15 Cu.m/Hr	20 Cu.m./hr.
Batch Capacity	600 Ltr.	750 Ltr.	900 Ltr.
Prime Mover (mixer)	10 Hp (7.5 Kw)	15 Hp (7.5 Kw)	20 Hp (14.96 Kw)
Hydraulic Pump (@200 Bar)	24 Lpm Gear Pump	28.5 Lpm Gear Pump	28.5 Lpm Gear Pump
Gear Ring	Accurately Machine With Gear Cutting Operation		
Guide Roller	Twin Roller		
Weighing System	Load Cell Based Digital Display Batch Controller		
Water System	Automised Digital Water Feeding System		
Water Tank Capacity	170 Ltr.	250 Ltr.	280 Ltr.
Admixture System	Automised Digital Admixture Feeding System		
Concrete Discharge Height	1.3 Mtr.	1.5 Mtr.	1.5 Mtr.
Aggregate Bin Capacity	4.5 Cu.m. X 3 Bins	4.5cu.m X 3Bin /4.5 Cu.M X 4Bin.	4.5 Cu.m. X 4 Bins
Auto Aggregate Feeding System	Belt Conveyors 3 Nos.	Belt Conveyors 3 Nos / 4 Nos.	Belt Conveyors 4 Nos.
	3 X 3 Hp (3 X 2.25 Kw)	3x3 Hp (3x2.25Kw) / 4X3Hp (4x2.25Kw)	4 X 3 Hp (4 X 2.25 Kw)
Auto Cement Feeding System	Screw Conveyore Type		
Cement Storage Bin Capacity	0.8 Cu.m.		
Prime Mover (screw Conveyor)	7.5 Hp (5.5 Kw) & 3 Hp (2.25 Kw)		
Total Hp Installed	32.5 Hp	42.5 Hp	47.5 Hp (38 Kw)
Suggested Generator Capacity	50 Kva	63 Kva	82 Kva

# Concrete Batching Plant

## Mobile : RM-DX Series - 18 & 25 CuM / Hr.



DESCRIPTION	MBP R-18 DX		MBP R-25 DX
Mixer Type	Reversible Drum		
Output	18 Cu. Mt/Hr.		25 Cu. Mt/Hr.
Batch Capacity	500 Liters		750 Liters
Prime Mover (Mixer)	10 Hp		15 Hp
Gear ring	Accurately Machine With Gear Cutting Operation		
Guide roller	Twin Roller		
Storage & Feeding System	Cross Bin Storage & Feeding System		
Storage Bin	4 Nos. X 3.5 Cum each		4 Nos.X 4 Cum each
Gate Control	Pneumatic Gates		
Weighing Method	Suspended Belt Conveyer System		
Aggregate Discharge to Mixer	By Aggregate Weighing Conveyer		
Water System	Automatic Digitally Controlled Water Feeding System		
Water Tank Capacity	180 Ltr.		
Admixture System	Automatic Digitally Controlled Admixture Feeding System		
Concrete Discharge Height	1.6 Mtr.		
Auto Cement Feeding System	Screw Conveyore Type		
Cement Storage Bin Capacity	0.8 Cu.m.		
Prime Mover (screw Conveyer)	7.5 Hp (5.5 Kw) & 3 Hp (2.25 Kw)		
Total Hp Installed	35.5 Hp		40.5 Hp
Suggested Generator Capacity	50 Kva		63 KVA



**UNIVERSAL**  

---

**MAKE POSSIBLE**

**UNIVERSAL** SALES CORPORATION  
LARGEST SELLING CONSTRUCTION EQUIPMENT

---

**Nashik** : Behind Sawata Mali Graden, Kathe Nagar, Dwarka, Nashik - 422 011.  
Telephone : + 91- 253 - 2594390 / 2597255 Cell : 98225 99280  
Website : [www.uscindia.com](http://www.uscindia.com) Email : [universal.avinash@gmail.com](mailto:universal.avinash@gmail.com)  
**Pune** : (H.O.) Warje Jakat Naka, Kothrud, Pune - 29. Maharashtra , India.  
Telephone : + 91 - 20 - 25230777

---

The contents of this brochure are purely conceptual & have no legal binding, nor will be a part of any agreement. The company reserves the right to amend the specifications, features, benefits, diagrams, applications etc. without prior notice.