

# ROVER SERIES

60 CU.M/HR. ON WHEEL BATCHING PLANT



**THE LARGEST SELLING MOBILE BATCHING PLANT**

**0 Rs.** Foundation  
Cost

**1Hr.** Erection &  
Commissioning

**5000M<sup>3</sup>** Non Stop  
Concreting









# UNIVERSAL CONCRETE BATCHING PLANT

## Product Catalogue

### Contents

About UNIVERSAL	4 , 5
Manufacturing Plants	6 , 7
Robotics - Design & Engineering	8 - 9
Research & Development - Equipment Consultant	10 - 11
International Network - Domestic Network	12 - 13
End To End solution - Segment Tree	14 - 15
Mobile DX Batching Plant	16 - 19
Cross Bin Batching Plant	20 - 23
Rover Batching Plant	24 , 25
Inline Batching Plant	26 - 29
RM Type Batching Plant	30 - 33
Universal Type Batching Plant	34 , 35
Universal Range Of Mixers	36
Credentials	37







Universal a brand to reckon with has made a remarkable mark in the infrastructure & Construction industry. Established in 1975 with over 3 decades of proven excellence in manufacturing and seamless improvisation in adapted technologies. Group has been committed to satisfy the customers with innovative redefined benchmarks consistently. In our endeavor to deliver you the best, we make our humble presentation to serve you, there by enabling you to perceive us better!

## **VISION**

To be the largest selling Construction Equipment Manufacturing Company beyond boundaries by meeting the world class standards through strong R&D efforts, sophisticated manufacturing equipment, strong After Sales support and global reach.

## **MISSION**

Universal's quest to reach the pinnacle in technology based construction solutions is powered by an even greater desire to be socially responsible, to conduct business in superior service value and to provide consistent innovations for a better life.



HIGH-TECH EQUIPMENTS

WORLD CLASS PRODUCT MANUFACTURER

LARGEST SELLING CONSTRUCTION EQUIPMENT

UNIVERSAL

UNIVERSAL  
LARGEST SELLING CONSTRUCTION EQUIPMENT



# OUR INFRASTRUCTURE

## Manufacturing Plants



**A. PUNE PLANT (SHIVARE)**

### A. PUNE PLANT

- ◆ CNC Based Plasma Cutting
- ◆ World Class Training Facilities
- ◆ Seamless Works Area
- ◆ Equipped Production House



**B. SATARA PLANT**



**C. RUDRAPUR PLANT**

### B. SATARA PLANT

- ◆ State of the art Setup
- ◆ High Precision Machines
- ◆ Modern Machines
- ◆ Ultra Modern Paint Booth

### C. RUDRAPUR PLANT

- ◆ Hobbing Machine
- ◆ Rolling Machine
- ◆ Hydraulic Bending Machine
- ◆ Plasma Cutting Machine





# ROBOTICS

## Robotic Manufacturing Plant

Globally manufactures are doing their best to gain a competitive edge by robotizing their manufacturing plants.

Universal also joined the league by introducing various robotic in the production process to attain & deliver quality products to the customers.

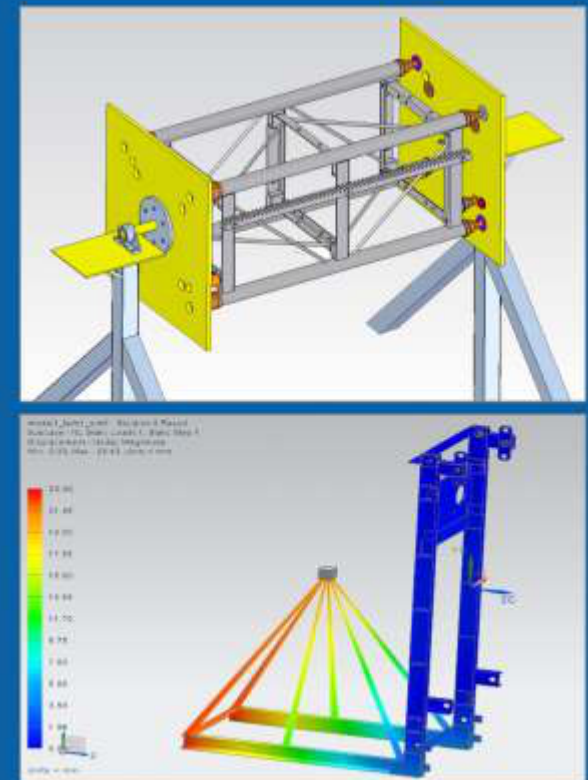




# DESIGN & ENGINEERING

## Product Designing

Company's design department is equipped with advance analysis & design software which are operated by well qualified and experienced design engineers. Each and every product is designed keeping in mind user friendly and energy efficient product. Design department is recognized by Govt. of India.







## RESEARCH & DEVELOPMENT

Strong Foundation Through Consistent R&D

Universal's R&D is driven by the Construction Engineer's dream & aspirations. Each & every product of Universal is aimed at simplifying the construction process. Our Experts burn midnight oil to create solutions that turn complicated operations into simple tasks. User friendly Universal equipment is also easy to operate & easy to maintain. It is owing to our focus on research & development that we can offer a continually updated range of machines. Our R&D improves & innovates the products on the basis of the needs & requirements of the customers as well as on the changing & ever growing infrastructure needs. We have indigenously developed an incredible range of construction machines from the simple sand plastering machine to the "technological marvel" mobile batching machine. All machines are at par with the world's best & built to withstand eccentricities of climate, while delivering their optimum performance.

1<sup>st</sup>

**OF ITS KIND IN INDIA**





# EQUIPMENT CONSULTANT

## Universal Knowledge Center

### Operator Training Course

In the current construction scenario in India the processes used in construction have rapidly changed from being manual to mechanized. But, the availability of skilled labourers in the Indian market is negligible.

Hence, Universal took upon itself the responsibility to train various operators. The training course is uniquely drafted so that the machine operators learn how to apply engineering fundamentals into the work methodology.

This course enables the operators to select construction equipment and use those in the most cost effective manner. Some of the major topics of the training course are :-





# UNIVERSAL END TO END SOLUTION



## MAPPING

### Mechanization Need

Examine the construction site and suggest the best possible methods and techniques to efficiently use the avenue.

---



## FINANCE

### Bank Assistance

Provide bank assistance to the buyers for loans and other financial needs.

---



## MAINTENANCE

### AMC Onsite

Various annual maintenance contracts are planned for the machine users and for them choose from

---

## ADVICE

### Equipment Selection

Following the mapping also suggesting construction machines to attain the proposed construction plan

---



## TRAINING

### Efficient Operator

Short term training course for the operators, enabling them to use the construction machineries to the best of its prospect

---



## BUY BACK

### Replacing New Technology

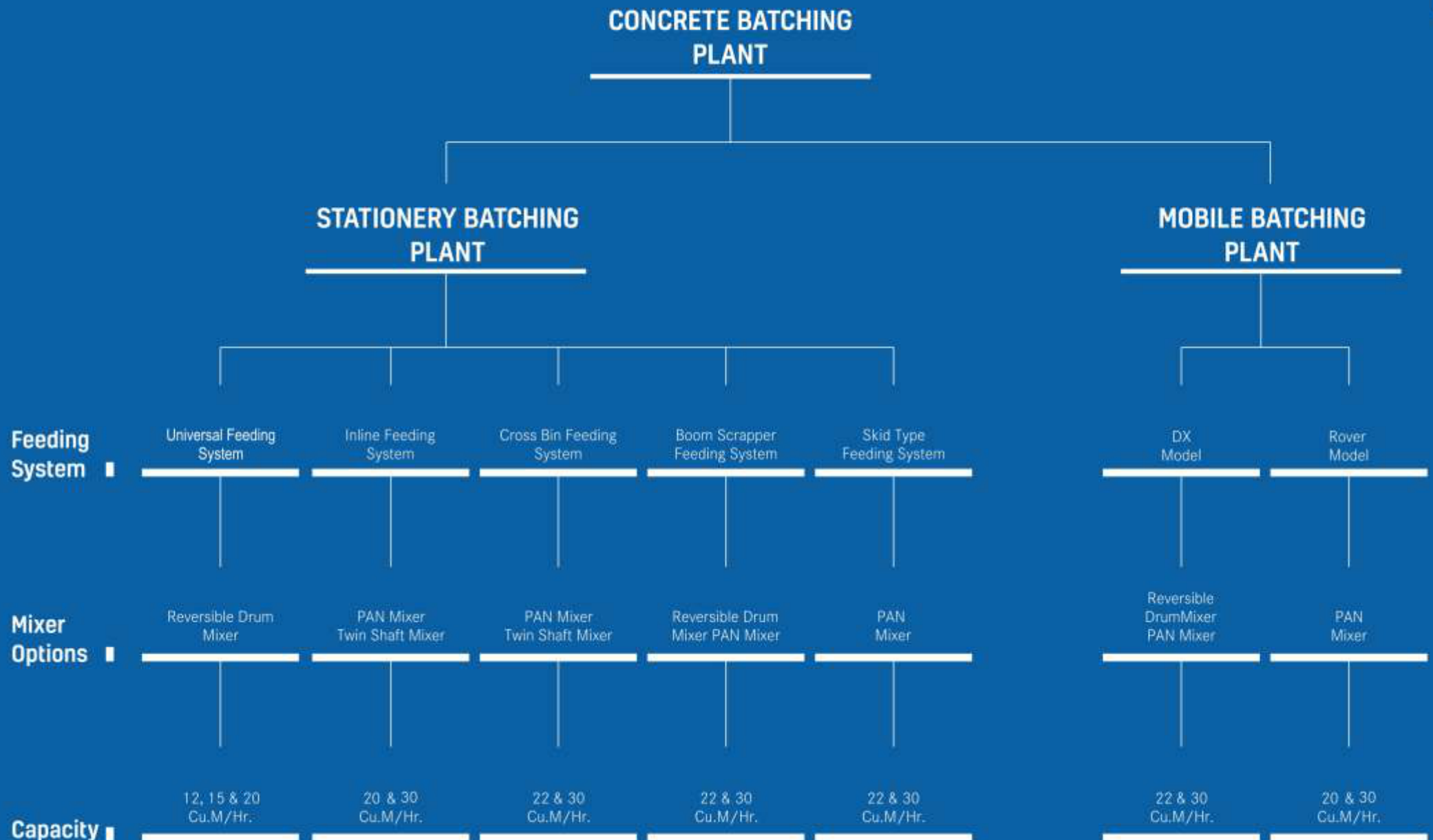
Purchasing buyer's previous equipments and providing and benefit against that in the new purchase

---





# UNIVERSAL'S CONCRETE BATCHING PLANT SEGMENT TREE











## UNIVERSAL MOBILE CONCRETE BATCHING PLANTS

Universal Mobile Concrete Batching Plants with output capacities ranging from 22 CuM/Hr. to 60 CuM/Hr. are the best match for professional in construction and ready-mix industries with high efficiency, low operational cost, perfect components service & spare parts available world wide. Universal Integrates the power & stability of stationary plants with advantage of mobility for short term projects.

**PDX-22 • PDX-30 • TDX-30**



FAST SITE ERECTION AND SETUP

PLANT MOUNTED ON SINGLE CHASSIS

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS

**UNIVERSAL**





# MOBILE CONCRETE BATCHING PLANT

Mobile DX Series - PDX 22 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	350	Liters
Rated Output	22	Cu.m / hr.
Mixer Type	Pan	-
Main Motor	20	Horse Power [Hp]
Independent Weighing	Aggregate / Cement / Water	-
Aggregate Storage & Feeding System	Mobile Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	Cu.m
Cycle Control	Fully Automatic With Controls PLC	
Cement Feeding System	Screw Conveyor & Independent Digital Batching	
Admixture & Water feeding System	Automatic Digitally Controlled Admixture	
Total Power Required	47	Horse Power [Hp]
Suggested Generator Capacity	62.5	Kilo Volt [KVA]



Plug & Operate Function



No Foundation Required



Easy Loading



FAST SITE ERECTION AND SETUP

PLANT MOUNTED ON SINGLE CHASSIS

CONCRETE DISCHARGED TO CONCRETE PUMP





# MOBILE CONCRETE BATCHING PLANT

Mobile DX Series - PDX 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	500	Liters
Rated Output	30	Cu.m / hr.
Mixer Type	Pan	-
Main Motor	30	Horse Power [Hp]
Independent Weighing	Aggregate / Cement / Water	-
Aggregate Storage & Feeding System	Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	Cu.m
Cycle Control	Fully Automatic With Controls PLC	
Cement Feeding System	Screw Conveyor & Independent Digital Batching	
Admixture & Water feeding System	Automatic Digitally Controlled Admixture	
Total Power Required	57	Horse Power [Hp]
Suggested Generator Capacity	82.5	Kilo Volt [KVA]



Plug & Operate Function



No Foundation Required



Easy Loading



FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# MOBILE CONCRETE BATCHING PLANT

Mobile DX Series - TDX 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	500	Liters
Rated Output	30	Cu.m / hr.
Mixer Type	Twin Shaft	-
Main Motor	15 X 2	Horse Power [Hp]
Independent Weighing	Aggregate / Cement / Water	-
Aggregate Storage & Feeding System	Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	Cu.m
Cycle Control	Fully Automatic With Controls PLC	
Cement Feeding System	Screw Conveyor & Independent Digital Batching	
Admixture & Water feeding System	Automatic Digitally Controlled Admixture	
Total Power Required	57	Horse Power [Hp]
Suggested Generator Capacity	100	Kilo Volt [KVA]



Plug & Operate Function



No Foundation Required



Easy Loading











## UNIVERSAL CROSS BIN SERIES CONCRETE BATCHING PLANTS

Universal Mobile Concrete Batching Plants with output capacities ranging from 22 CuM/Hr. to 60 CuM/Hr. are the best match for professional in construction and ready-mix industries with high efficiency, low operational cost, perfect components service & spare parts available world wide. Universal Integrates the power & stability of stationary plants with advantage of mobility for short term projects.

**CBP-22 • CBP-30 • CBT-30**



FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# STATIONARY CONCRETE BATCHING PLANT

Cross Bin Series - CBP 22 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	350	Liters
Rated Output	22	cu.m / hr.
Skip Capacity	950	Kilograms [Kg]
Main Motor	20	Horse Power [Hp]
Skip Motor	10	Horse Power [Hp]
Aggregate Storage & Feeding System	Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	cu.m
Cycle Control	Fully Automatic	-
Cement Weighing Bin Capacity	250	Kilograms [Kg]
Cement Storage Bin Capacity	1400	Kilograms [Kg]
Total Power Required	57	Horse Power [Hp]
Suggested Generator Capacity	82.5	Kilo Volt [KVA]



High Performance Concreting



Easy Transit Mixer Pass



Easy Loading





FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# STATIONARY CONCRETE BATCHING PLANT

Cross Bin Series - CBP 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	500	Liters
Rated Output	30	cu.m / hr.
Skip Capacity	1050	Kilograms [Kg]
Main Motor	15 X 2	Horse Power [Hp]
Skip Motor	10	Horse Power [Hp]
Aggregate Storage & Feeding System	Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	cu.m
Cycle Control	Fully Automatic	-
Cement Weighing Bin Capacity	250	Kilograms [Kg]
Cement Storage Bin Capacity	1400	Kilograms [Kg]
Total Power Required	67	Horse Power [Hp]
Suggested Generator Capacity	100	Kilo Volt [KVA]



High Performance Concreting



Easy Transit Mixer Pass



Easy Loading



FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# STATIONARY CONCRETE BATCHING PLANT

Cross Bin Series - CBT 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Vibrated Batch Capacity	500	Liters
Rated Output	30	cu.m / hr.
Skip Capacity	1050	Kilograms [Kg]
Main Motor	15 X 2	Horse Power [Hp]
Skip Motor	10	Horse Power [Hp]
Aggregate Storage & Feeding System	Cross Bin	-
Storage Bins	4	Nos.
Storage Capacity Gross	14	cu.m
Cycle Control	Fully Automatic	-
Cement Weighing Bin Capacity	250	Kilograms [Kg]
Cement Storage Bin Capacity	1400	Kilograms [Kg]
Total Power Required	67	Horse Power [Hp]
Suggested Generator Capacity	100	Kilo Volt [KVA]



High Performance Concreting



Easy Transit Mixer Pass



Easy Loading



HIGH MOBILITY

FAST SITE ERECTION & SETUP

NO CONCRETE FOUNDATION REQUIRED





# MOBILE CONCRETE BATCHING PLANT

Rover Series - 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	30	cu.m / hr.
Batch Capacity	500	Liters
Prime Mover [Mixer]	30	Hp
Weighing System	Load Cell Based Digital Display Controller	
Cycle Control	Fully Automatic PLC Control	
Storage Capacity Gross	14	CuM
Concrete Discharge Height	1.5	Mtr.
Aggregate Storage Capacity	4	Nos.
Aggregate Storage & Feeding System	Cross Bin	
Cement Weighing Bin Capacity	250	Kg
Cement Storage Bin Capacity	1400	Kg
Total Power Required	57	Hp
Suggested Generator Capacity	100	Kilo Volt [KVA]



Plug & Operate Function



Hi-Tech Control Panel



High Performance Mixer



FAST SITE ERECTION AND SETUP

PLANT MOUNTED ON A SINGLE CHASSIS

ADJUSTABLE HEIGHT FOR TRANSIT MIXER OR CONCRETE PUMP





# MOBILE CONCRETE BATCHING PLANT

Reversible Mixer Series - 18 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	18	cu.m / hr.
Batch Capacity	500	Liters
Prime Mover [Mixer]	10	Hp
Weighing System	Suspended Belt Conveyor System	
Water System Water Tank Capacity	180 Ltr. Automatic Digitally Controlled	
Admixture System	Automised Digital Admixture Feeding System	
Concrete Discharge Height	1.6	Mtr.
Aggregate Bin Capacity	3.5 X 4	cu.m X Nos. Bins
Aggregate Feeding System	Cross Bin	-
Cement Feeding System & Capacity	1400	kg
Prime Mover [ Screw Conveyor]	7.5 [5.5] & 3 [2.25]	Hp [Kw] & Hp [Kw]
Total Power Required	40	Hp
Suggested Generator Capacity	63	Kilo Volt [KVA]



No Foundation Required



Hi-Tech Control Panel



Adjustable Height



FAST SITE ERECTION AND SETUP

PLANT MOUNTED ON A SINGLE CHASSIS

ADJUSTABLE HEIGHT FOR TRANSIT MIXER OR CONCRETE PUMP





# MOBILE CONCRETE BATCHING PLANT

Reversible Mixer Series - 25 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	25	cu.m / hr.
Batch Capacity	750	Liters
Prime Mover [Pan Mixer]	15	Hp
Weighing System	Suspended Belt Conveyor System	
Water System Water Tank Capacity	180 Ltr. Automatic Digitally Controlled	
Admixture System	Automised Digital Admixture Feeding System	
Concrete Discharge Height	1.6	Mtr.
Aggregate Bin Capacity	3.5 X 4	cu.m X Nos. Bins
Aggregate Feeding System	Cross Bin	-
Cement Feeding System & Capacity	1400	Kg
Prime Mover [ Screw Conveyor]	7.5 [5.5] & 3 [2.25]	Hp [Kw] & Hp [Kw]
Total Power Required	47	Hp
Suggested Generator Capacity	82	Kilo Volt [KVA]



No Foundation Required



Hi-Tech Control Panel



Adjustable Height



FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# INLINE TYPE CONCRETE BATCHING PLANT

Inline Series - 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	30	cu.m / hr.
Batch Capacity	500	Liters
Prime Mover (Mixer)	30	Hp [Kw]
Weighing System	Load Cell Based Digital Display Batch Controller	
Water System Water Tank Capacity	Automised Digital Water Feeding System 250Ltr.	
Admixture System	Automised Digital Admixture Feeding System	
Skip Motor	10	Hp [Kw]
Aggregate Bin Capacity	6 X 4	cu.m X Nos. Bins
Aggregate Storage & Feeding System	Inline	
Cycle Control	Fully Automatic with PLC Control System & SCADA	
Storage Capacity Gross	24	CuM
Total Power Required	72	Hp [Kw]
Suggested Generator Capacity	125	Kilo Volt [KVA]



High Performance Concreting



Easy Transit Mixer Pass



Easy Loading





EASY MAINTENANCE

FAST SITE ERECTION & SETUP

SUITABLE FOR HEAVY DUTY CONDITIONS





# INLINE TYPE CONCRETE BATCHING PLANT

Twinshaft Inline Series - 30 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	30	cu.m / hr.
Batch Capacity	500	Liters
Prime Mover [Twin Shaft Mixer]	30	Hp [Kw]
Weighing System	Load Cell Based Digital Display Batch Controller	
Water System Water Tank Capacity	Automised Digital Water Feeding System 600Ltr.	
Admixture System	Automised Digital Admixture Feeding System	
Belt Motor	10	Hp [Kw]
Aggregate Bin Capacity	6 X 4	cu.m X Nos. Bins
Aggregate Storage & Feeding System	Inline Feeding System	
Cycle Control	Fully Automatic with PLC Control System & SCADA	
Storage Capacity Gross	24	CuM
Total Power Required	72	Hp [Kw]
Suggested Generator Capacity	125	Kilo Volt [KVA]



High Performance Concreting



Easy Transit Mixer Pass



Easy Loading





FAST SITE ERECTION AND SETUP

MINIMUM SPACE REQUIREMENTS DUE TO SKIP HOIST DESIGN

DESIGNED IN CONJUNCTION WITH INTERNATIONAL TRANSPORT STANDARDS





# CONCRETE BATCHING PLANT

Universal Series - 18 Cu.M/Hr.

TECHNICAL DATA	VALUE	UNIT
Output	18	cu.m / hr.
Batch Capacity	320	Liters
Prime Mover [Pan Mixer]	20 [14.96]	Hp [Kw]
Weighing System	Load Cell Based Digital Display Batch Controller	
Water System Water Tank Capacity	Automised Digital Water Feeding System 250 Ltr.	
Admixture System	Automised Digital Admixture Feeding System	
Concrete Discharge Height	1.00	Mtr.
Aggregate Bin Capacity	4.5 X 3	cu.m X Nos. Bins
Aggregate Feeding System	Separate 3 Belt Conveyor To Each Bin	
Cement Feeding System & Capacity	1400	Kg
Prime Mover [ Screw Conveyor]	7.5 [5.5] & 3 [2.25]	Hp [Kw] & Hp [Kw]
Total Hp Installed	45	Hp [Kw]
Suggested Generator Capacity	62	Kilo Volt [KVA]







## REVERSIBLE TYPE MIXER

### Available in

RMDX Type Mobile Batching Plant

Universal Type Batching Plant

BoomScraper Type Batching Plant

## PAN TYPE MIXER

### Available in

On Wheel Type Mobile Batching Plant

CrossBin Type Batching Plant

Rover Type Mobile Batching Plant

Inline Type Batching Plant

Universal & BoomScraper Type Batching Plant



## TWIN TYPE MIXER

### Available in

On Wheel Type Mobile Batching Plant

CrossBin Type Batching Plant

Inline Type Batching Plant

## PLANETARY TYPE MIXER

### Available in

CrossBin Type Batching Plant

Inline Type Batching Plant

Large Capacity Batching Plants





## UNIVERSAL CONCRETE MIXERS

Keeping up with latest technology, Universal Concrete Mixers have proven to be high quality, robust & reliable. Our experienced team is committed to full customer satisfaction in all aspects of our business, including procurement manufacture in sales & after sales services to top our standard range of Pan Mixers, Twin Shaft Mixers, Reversible Mixers & Planetary Mixers .

**Pan Type • Twinshaft Type • Reversible Type • Planetary Type**





## 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
--------------------	-------------------	-------------------	------------------------------------	----------------------	-----------------	--------------------------	-------------------------------	---------------------------------	----------------------------------	-----------------------------------

## 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