



# ENHANCING TRUST

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Disclaimer : Due to continuous product improvement, specifications and content given in the brochure are subject to change without prior notice.



# REVERSIBLE DRUM BATCH MIX PLANT

Jaypee® Mobile Batch Mix Plants are renowned for their quality output and maintenance free operation these plants come built with load cell based weigh batching system, water dispenser and hydraulic skip. The structure is built robustly to give a sturdy optimum output withstanding any site condition.

Rationally planned the design requires minimum maintenance and set on a chassis of four wheels gives the mixer easy manoeuvrability. The ascent and descent of skip is controlled by the oleo dynamic cylinder complete with stop valve to avoid any mishap. The mechanical components are cushioned, the 'V' Belt/Gear Box transmission allows a very smooth reversal of drum rotation, conforming to IS specifications.



## 10/7 CONCRETE MIXER

Jaypee® 10/7 Capacity Concrete Mixer is renowned for its robust build, rigidity and long life. Adhering to IS 1791:1968 the mixer provides an uniform mix for a reliable operation.

### Available in:

- Hydraulic Hopper
- Kirloskar Diesel Engine
- Without Hopper
- Electric Motor



Model	EX 550 E	EX 850 E	EX 1050 E/D	EX 1400 E
Hopper Capacity (Dry)	550Kg	850Kg	1100Kg	1400Kg
Batch Capacity (Wet)	0.3Cum	0.4Cum	0.5Cum	0.66Cum
Machine Output/hour *	9 Cum/Hr	12Cum/Hr	15Cum/hr	18 Cum/Hr
Power	10 HP(7.5 Kw) Elec. Motor	10 HP(7.5 Kw) Elec. Motor	15 HP (11Kw) Elec. Motor 16 HP Diesel Engine	15 HP (11 Kw) Elec. Motor
Weighing System (3 Bin)	Load Cell Based Weighing System with digital display Batch Controller			
Water Dozing	Digital	Digital	Digital	Digital
Water Tank Capacity	120 Liters	150 Liters	200 Liters	250 Liters
Weighing System	Load Cell Based Weighing System with digital display			
Hydraulic Pump	17 lpm @170 bar	19 lpm @180 bar	27 lpm @ 200 bar	27 lpm @ 200 bar
Gear Ring & Roller	Accurately Machined With Gear Cutting Operation Supported by Heavy duty rollers Guide			
Wheels	Pneumatic Wheels( 4Nos.) 6"X 16"	Pneumatic Wheels (4Nos.) 6"X16"	Pneumatic Wheels (4Nos.) 6"X16"	Pneumatic Wheels (4Nos.) 7"X 19"
Jack Leveling	Pin Type (4 Nos.)	Pin Type (4 Nos.)	Pin Type (4 Nos.)	Pin Type (4 Nos.)
Dimensions (LXWXH)	3700X2200X2650 mm	4220X2025X2335 mm	4900X1800X2740 mm	5400X1900X2985 mm
Weight	2250 Kg	2450 Kg	2650 kg	2950 Kg
Special Attachment Fitted With Each Machine	A) Special Design Hopper Vibrator B) Centralised Lubricating System			
Optional Features	A) Printing System with USB B) Admixer Dozer			

\* Output calculated at 30 Batches per hour as per M 20 grade of Concrete i.e 1:1.5:3

Model	10/7 Mixer
Drum Capacity	300 Litre
Drum Rpm	19rpm
Overall Dimension	L2550 X W1680 X H2600
Prime Mover	6HP Kirloskar TAF1 Engine 5HP Electric Motor
Prime Mover Cabin	Steel Body with maintenance door
Loading Hopper	Hydraulic Operated with Heavy Duty Power Pack
Hydraulic Pump	19lpm gear pump @ 207 bar

# MOBILE CONCRETE BATCHING PLANT

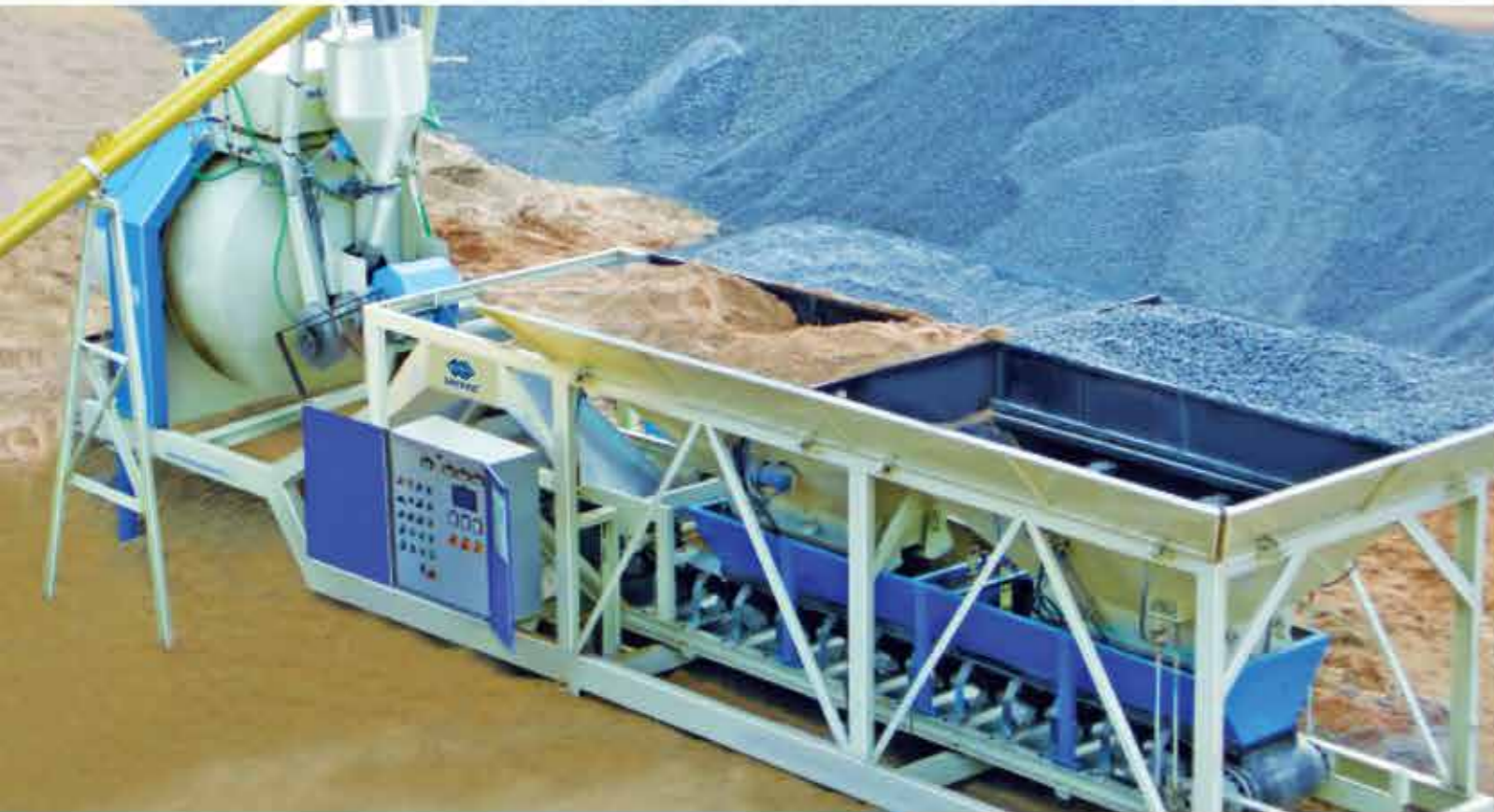
18m<sup>3</sup>/hr.

**Salient Features:**

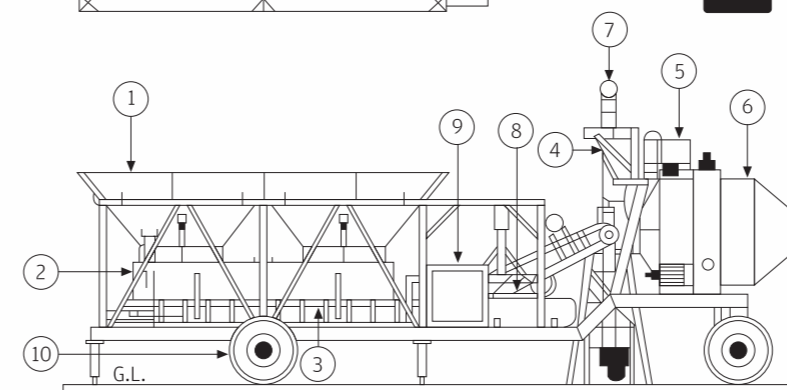
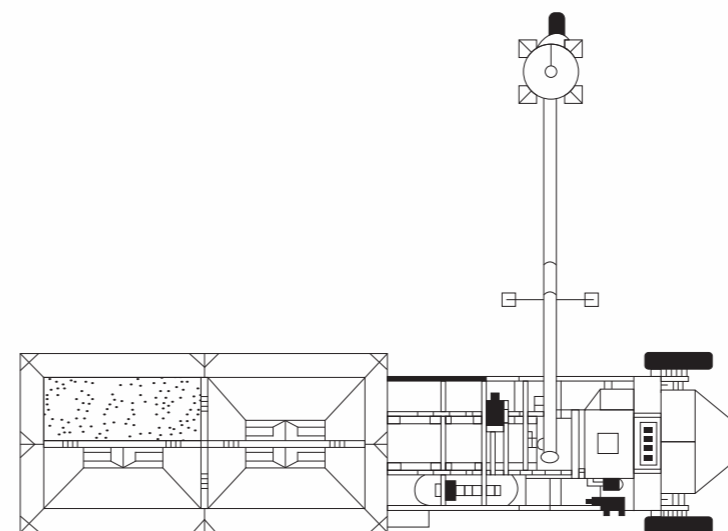
- Maximum mobility
- Built on rugged structure
- No compromise on production
- Rear axle with king pin
- Requires minimum space
- Quick erection and commissioning

**Optional Items:**

- Cement / Fly ash storage silo of capacity 20 T, 50 T and 100 T



1. Four bin feeder
2. Aggregate weighing hopper
3. Aggregate weighing conveyor
4. Cement weighing hopper
5. Water tank
6. Reversible mixer drum
7. Screw Conveyor
8. Air compressor
9. Electric control panel
10. Wheel for Mobility



Model	ABP20MR
Output	18M <sup>3</sup> /hr.
Type	Reversible Drum
Dry Capacity	1050 Litre
Mix Capacity	800 Litre
Drum RPM	18 RPM
Frame and Chassis	All Rigid Steel Structure
Weighing Conveyor	To feed aggregate from storage bins to mixer
Weighing System	Digital load cell based weighing system
Aggregate Storage Bin & Capacity	4 Nos. & 4.5m <sup>3</sup> each
Water Dozing	Automated
Admixture Dozing	Automated
Cement Feeding System	Screw conveyor feeding & auto controlled load cell based digital weighing
Power Required	40 HP



## STATIONARY CONCRETE BATCHING PLANT

30m<sup>3</sup>/hr., 45m<sup>3</sup>/hr.



Model	Unit	ABP30SP	ABP40SP/ST
Type		Stationary	Stationary
Compacted Concrete	m <sup>3</sup> /hr.	30	45
<b>Mixer Specification</b>			
Type of Mixer		Pan Mixer	Planetary/Twin Shaft
Mixer Capacity	m <sup>3</sup>	0.5	0.75
Input/Output Capacity	Liter	750/500	1250/750
Motor Power	HP	30	40
<b>Aggregate Bin</b>			
No. of Compartments	No.	4	4
Capacity of Each Compartment	m <sup>3</sup>	10	10
Weighing System		Electronic Digital	Electronic Digital
Cement Scale	Kg	300	600
Water Scale	Liter	150	300
Additive Scale	Kg	10	10
<b>Water Pump</b>			
Connected Power	HP	3	3
<b>Cement Screw Conveyor</b>			
Diameter	mm	219	219
Connected Power	HP	12.5	12.5
<b>Air Compressor</b>			
Connected Power	HP	3	5
Control Panel		PLC based with auto & manual option	PLC based with auto & manual options
Total Connected Load	HP	74	96

