



WELER[®]

QUALITY CONSTRUCTION EQUIPMENT



All Type Of Construction Machinery & Batching Plant



WEBER MOBILE CONCRETE BATCHING PLANT (15 TO 30 CU.M)



PRODUCT DESCRIPTION

This computerized Mobile Concrete Batching Plant is offered with 1 year of warranty. Available in three different models, this plant has 15 CUM/h to 30CUM/h output capacity. It uses turbo pan type mixer that has mechanical bearing equipped arms, Digital loadcell based material weighing system of this plant can measure weight of water, cement and aggregate separately. Provided Mobile Concrete Batching Plant is mounted on single chassis. Its D.G. set has 40 KVA to 62 KVA power capacity. Its concrete discharging height is 1 meter from installation ground. PLC based operation is one of its key aspects.

SPECIFICATION

Model	WMP 15	WMP 18	WMP 24	WMP 30
Output capacity	15 CUM/ Hr.	18 CUM/ Hr.	24 CUM/ Hr.	30 CUM/Hr.
Plant assembly	Whole plant assembly on single chassis			
Mixer type	Turbo pan type mixer with mechanical bearing arms			
Material storage capacity	10 Cu.M	10 Cu.M	12 Cu.M	12 Cu.M
Material weighing system	Digital loadcellbased weighing of Aggregates, cement, water separately			
Cement feeding system	Through inclined screw conveyor			
Mobility Arrangement	Provided along with tow bar facility			
Total connected power	30 HP	35 HP	40 HP	45 HP
Suggested D.G. set	40 KVA	40 KVA	50 KVA	62 KVA
Concrete discharge height	meter from Ground level			

MOBILE PLANT WITH REVERSIBLE DRUM MIXER



SPECIFICATION

Model	WRM 15	WRM 20	WRM 30
Output capacity	15 M3/Hr.	20 M3/ Hr.	30 M3/Hr
Material storage capacity	10 M3	12M3	14M3
Mixing and Discharge system	Forward rotation of drum mixes the material and reverse rotation of drum discharges the concrete.		
Material weighing system	Digital loadcell based weighing of aggregates		
Cement feeding system	Through inclined Screw conveyor		
Water feeding system	Timer based accurate water feeding system		
Control panel	Fully automatic PLC based control panel		
Pneumatic wheels	2 nos	2 nos	4 nos
Water tank capacity	200 litres	250 litres	300 litres
Total connected power	25 HP	30 HP	43 HP
Suggested DG Set	40 KVA	50 KVA	62 KVA
Concrete discharge height	1.2 meter from GL	1.5 meter from GL	1.7 meter from GL

Salient Feature

1. Proven and tested reversible drum type mixing unit which is very easy to use and maintain at site.
2. Easy to move the machine as the plant comes with mobility and towing arrangement.
3. Digital loadcell based weighing of cement and aggregate while water and additive is based on timer based accurate discharge system.
4. Fully automatic PLC based control panel having pen drive and printing facility.
5. Best suitable for CC roads, DAM, Bridges, commercial and residential projects.
6. 2 x 2 cross bin feeder to store four different aggregates.
7. Hassle free operation.

MINI REVERSIBLE MOBILE CONCRETE MIXER

CAP : WM 10M', 12M', 15M',



SPECIFICATION

Model	WRM 500	WRM 800	WRM 1050
Hopper Capacity	550 Ltrs	750 Ltrs.	1050 Ltrs.
Batch Capacity	450 Ltrs.	600 Ltrs.	750 Ltrs.
Machine Output/hour.	10cu. M./hr	12 Cu. M./hr.	15 Cu. M./hr.
Power	10 H.P.3 Ph. Ele Motor	12.5 H.P.3 Ph. Ele Motor	15 H.P.3 Ph. Ele Motor
Water Tank Capacity	100 Ltrs.	120 Ltrs.	150 Ltrs.
Weighing System	Load Cell Based Weighing System With Digital Display Batch Controller	Load Cell Based System With Digital Display Batch Controller.	Load Cell Based System With Digital Display Batch Controller.
Hydraulic Pump	20 Lpm Gear Pump @180 Bar	20 Lpm Gear Pump @180 Bar	20 Lpm Gear Pump @180 Bar
Gear Ring & Roller	Accurately Machined With Gear Cutting Operation Supported By Heavy Duty Twin rollers guide	Accurately Machined With Gear Cutting Operation Supported By Heavy Duty Twin rollers guide	Accurately Machined With Gear Cutting Operation Supported By Heavy Duty Twin rollers guide
Wheels	Pneumatic Wheels (4 Nos) 600 x 16	Pneumatic Wheels (4 Nos) 600 x 16	Pneumatic Wheels (4 Nos) 600 x 16
Jack Leveling	Pin Type (4 Nos)	Pin Type (4 Nos)	Pin Type (4 Nos)
Weight (Kgs) Approx	2350 Kgs.	2800 Kgs.	2800 Kgs.

10/7 CFT CONCRETE MIXER WITH DIGITAL HOPPER (2BIN/3BIN)

SPECIFICATION

Batch Capacity	: 300 Lts. 10 Cft Unmixed / 7 Cft Mixed
Powr Requirement : A	: 7.5 H.P 1500 R.P.M Diesel Engine
: B	: 7.5 H.P 3Phase 1440 R.P.M. Electrical Motor.
Houses	: ISI Mark High Pressure House To Circulate Hydraulic Oil
Loading Hopper	: Hydraulic Operated Heavy Duty Power Patch.
Chassis	: Heavy Duty, Robust Made Form Steel Sections.
Handing	: 4 Nos. Pneumatic Tyrewith Roller Bearing With Excel Shaft



10/7 CFT CONCRETE MIXER WITH HYDROLIC HOPPER

SPECIFICATION

Batch Capacity	: 300 Lts. 10 Cft Unmixed / 7 Cft Mixed
Powr Requirement : A	: 7.5 H.P 1500 R.P.M Diesel Engine
: B	: 7.5 H.P 3Phase 1440 R.P.M. Electrical Motor.
Houses	: ISI Mark High Pressure House To Circulate Hydraulic Oil
Loading Hopper	: Hydraulic Operated Heavy Duty Power Patch.
Chassis	: Heavy Duty, Robust Made Form Steel Sections.
Handing	: 4 Nos. Pneumatic Tyrewith Roller Bearing With Excel Shaft



10/7 CFT CONCRETE MIXER WITH MECHANICAL HOPPER

SPECIFICATION

Batch Capacity	: 300 Lts. 10 Cft Unmixed / 7 Cft Mixed
Transmission	: Drive Form The Engine Is Provided With Roller Chain & Sprockets. The Drive To Loader Shaft Is Through a Con Clutch & Chain The Machine Can Be Operated By Diesel Engine Or Electric Motor
Powr Requirement : A	: Diesel 6.5 H.P 1500 R.P.M Diesel Engine
: B	: Electric 7.5 3Phase 1400 R.P.M Drive Electrical Motor
Handing	: 4 Nos. Pneumatic Tyrewith Roller Bearing With Excel Shaft



10/7 CFT HYDROLIC HOPPER CONCRETE MIXER WITH MATERIAL HOIST

SPECIFICATION

Batch Capacity :	200 Liters. 10 CFT unmixed / 7 CFT Mixed
Tower Height :	55 feet maximum
Hoist Bucket Capacity :	7 cft.
Power Requirement :	12.5 HP twin cylinder air cooled engine with Hydraulic Pump
Skip Brake :	Mechanical liner type
Handling :	4 Nos. Pneumatic Rubber Tyre with Roller Bearing Excel Shaft



10/7 CFT CONCRETE MIXER WITH MATERIAL HOIST

SPECIFICATION

Batch Capacity :	200 Liters. 10 CFT unmixed / 7 CFT Mixed
Tower Height :	55 feet maximum
Hoist Bucket Capacity :	7 cft.
Power Requirement :	12.5 HP Single cylinder air cooled engine
Skip Brake :	Mechanical liner type
Handling :	4 Nos. Pneumatic Rubber Tyre with Roller Bearing Excel Shaft



CONCRETE MIXER WITHOUT HOPPER (1 BAG) 10/7 CFT HAND FEEDED

SPECIFICATION

Batch Capacity :	300 Lts. 10 Cft Unmixed / 7 Cft Mixed
Power Requirement :	A: Diesel 6.5 H.P 1500 R.P.M. Air Cooled Diesel Engine B: Electrical 5 H.P 3Phase 1440 R.M.P A.C Drive Electrical Motor
Handling :	4 Nos. Pneumatic Tyre with Roller Bearing With Excel Shaft



CONCRETE MIXER (3/4 BAG) 7/5 CFT 150 LITERS.

SPECIFICATION

Batch Capacity :	150 Liters. 7 CFT unmixed / 5 CFT Mixed
Power Requirement : A :	6.5 H. P. 1500 RPM Diesel Engine
B :	3 H. P. 1440 RPM Electric Motor
Handling :	4 Nos. Pneumatic Rubber Tyre with Roller Bearing Excel Shaft



CONCRETE MIXER (MS DRUM) (HALF BAG) 5/3.5 CFT 100 Liters

SPECIFICATION

Batch Capacity :	100 Lts. 5 Cfs Unmixed / 3.5Cft Mixed
Transmission :	Through 'V' Groove Pulley
Power Requirement :	A : Diesel 6.5 H.P 1500 R.P.M Air Cooled Diesel Engine B : Electric 2 H.P 1 Phase Motor



CONCRETE MIXER (C.I. DRUM) (HALF BAG) 5/3.5 CFT 100 LITERS

SPECIFICATION

Batch Capacity :	100 Liters. 5 CFT unmixed / 3.5 CFT Mixed
Power Requirement : A :	6.5 H. P. 1500 RPM Diesel Engine
B :	2 H. P. 1440 RPM Electric Motor
Handling :	4 Nos. Pneumatic Rubber Tyre with Roller Bearing Excel Shaft



CONCRETE MIXER (STAND TYPE)

SPECIFICATION

Batch Capacity :	300 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Batch Capacity :	150 Lts.(7 / Cft.)
Powr Requirmnt : A :	Diesel 5 H.P 1500 R.P.M. Air Cooled Diesel Engine
B :	Electrical 3 H.P 3Phase 1440 R.M.P A.C Drive Electrical Motor



CONCRETE MIXER 80 LITERS

SPECIFICATION

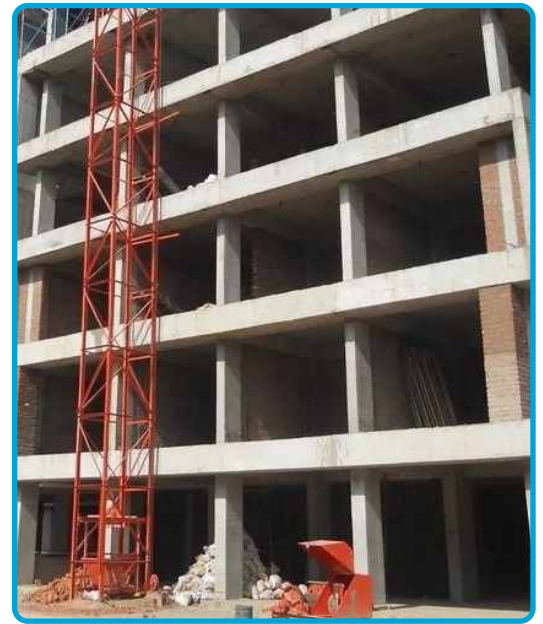
Batch Capacity :	3.5 Cft(80 Litres)
Power Requirement :	1.5 HP single phase electric motor



TOWER HOISE (CHANAL TYPE)

SPECIFICATION

Power	: 12.5 HP Diesel Engine or 15 HP Elec. Motor
Capacity	: 1000 Kg gross load carrying capacity
Max. Height	: 200Ft
Speed	: 33 Mtr / min but can also be designed according to the specific requirement.
Wheels	: Pneumatic Wheels
Wire Rope	: 12mm steel core



TOWER HOIST (ANGLE TYPE)

SPECIFICATION

Power	: 12.5 HP Diesel Engine or 10 HP Elec. Motor
Capacity	: 750 Kg gross load carrying capacity
Max. Height	: 150Ft
Speed	: 25 Mtr / min but can also be designed according to the specific requirement.
Columm	: 50 x 50 x 5 mm angle
Wheels	: Pneumatic Wheels
Wire Rope	: 12mm steel core

SLAB-TROLLY WITH RAILS

Fully Manually operated equipment for slab casting.

SPECIFICATION

CAPACITY	: 500kg (net weight) or 0.3 cubic meters
TROLLEY	: For easy material ejection, swivels in 360 around its axis and can be tilted at 90
RAILS	: Made with 40 mm dia. pipe with left and right bends.
WHEELS	: C.I. Heavy duty wheels with ball bearings.



MATERIAL HANDLING HOIST



Mini Crain
(150kg / 250kg Capacity)



Monkey Lift
(150kg / 250kg Capacity)



WEIGH BATCHER

SPECIFICATION

Capacity	2 Hoppers of 250 Kg Capacity each to receive sand and metal
Chassis	Heavy duty robust made out of heavy steel section.
Transmission	By mechanical joints provided with dust covered bearings.
Weighing system	Pan weight of 50 and 100 Kg and jockey weight to adjust the weight from 0 kg to 50 kg's

SAND SCREENING MACHINE



CONCRETE BUCKET



0.3 to 1 Cub



0.5 Cub



0.7 to 1.5 Cub



BAR BENDING MACHINE

SPECIFICATION

MODEL	RPM	MOTOR POWER kw (HP)	BEND WHEEL DIA	DIMENSIONS L X W X H (mm)	WEIGHT (kg)	MAX. BEND RADIUS (mm)	BUSH SIZE (mm)
IBM42	9	3.7 (5)	320	900 X 670 X 900	315	4D of $\phi 25$ 3D of $\phi 32$	$\phi 55, \phi 75, \phi 90$
IBM52	9	3.7 (5)	420	1050 X 790 X 900	375	5D of $\phi 32$ 4D of $\phi 36$	$\phi 55, 075, 090,$ 0120, 0160
IBM55	6	5.5 (7.5)	500	1150 X 900 X 1070	530	6D of $\phi 36$ 5D of $\phi 42$	055, 075, 090 0120, 0160, 0220

BAR CUTTING MACHINE

SPECIFICATION

MODEL	DIMENSIONS L X W X H (mm)	WEIGHT (kg)	STROKE / MIN	MOTOR kw(HP)
ICM42	1075 X 900 X 525	420	85	3.7 (5)
ICM52	1130 X 750 X 920	565	55	4 (5.5)
ICM55	1210 X 735 X 1010	820	50	5.5 (7.5)



WHEEL BARROW (SINGLE WHEEL)



WHEEL BARROW (DOUBLE WHEEL)



VIBRATING PLATE COMPACTOR



Diesel Engine



Petrol Engine

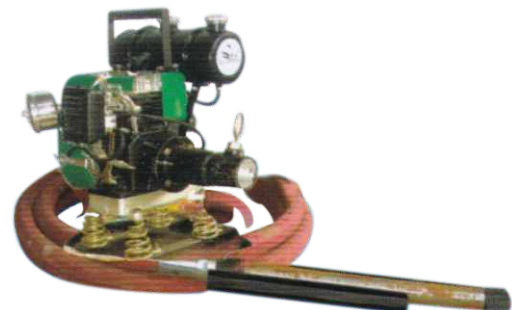


Electric Motor



ELECTRIC VIBRATOR WITH NEEDLE

Power	HP	Volts / Strokes	RPM
Petrol Kerosene / Petrol Diesel	1.5	2 Strokes	3000
Diesel engine	5	4 Strokes	3000
Electrical	2	1/3 Phase	2800



ENGINE VIBRATOR WITH NEEDLE

Dimension	Shaft length	Hose length (mtrs)
25	600mm.	6/4
40	600mm.	6/4
60	600mm.	6/4