



welder[®]
QUALITY CONSTRUCTION EQUIPMENT



All Type of Construction Machinery & Batching Plant



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Mini REVERSIBLE Mobile CONCRETE MIXER

Cap : W_M 10 M³, 12M³, 15M³



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TECHNICAL SPECIFICATION

SPECIFICATION	WM 550	WM 800	WM 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 (Digital Type)

- Batch Capacity** : 200 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Powr Requirement : A : 7.5 H.P 1500 R.P.M Air - Cooled Diesel Engine Mounted]
: 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 (Hydraulic Type)

- Batch Capacity** : 200 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Powr Requirement : A : 7.5 H.P 1500 R.P.M Air - Cooled Diesel Engine Mounted]
: 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



CONCRETE Mixer (WIREROPE Type)

- Batch Capacity** : 200 Lts. 10 Cfs 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 Air Or Water Cooled 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 CONCRETE MIXER (With Hoist)



CONCRETE MIXER (Without Hopper)

Batch Capacity : 200 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Batch Capacity : 140 Lts.(7 / Cft.)
Power Requirement : 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
Handling : 4 Nos. Pneumatic Tyre with Roller Bearing
 With Excel Shaft

CONCRETE MIXER (Half Bag)

Batch Capacity : 200 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Transmission : Through 'V' Groove Pulley
Power Requirement : A : Diesel 5 H.P 1500 R.P.M.
 Air Cooled Diesel Engine
 B : Electric 2 H.P 1 Phase Motor
Power Requirement : A : Diesel 5 H.P 1500 R.P.M.
 Air Cooled Diesel Engine
 B : Electric 2 H.P 1 Phase Motor



CONCRETE MIXER (Without Hopper Stand Type)

Batch Capacity : 200 Lts. 10 Cfs Unmixed / 7 Cft Mixed
Batch Capacity : 140 Lts.(7 / Cft.)
Power Requirement : 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
Handling : 4 Nos. Pneumatic Tyre with Roller Bearing
 With Excel Shaft



Slab Trolley With Rails

Fully Manually operated equipment for slab casting.

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.



TOWER HOIST (CHANAL Type)

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)

Power : 12.5 HP Diesel Engine or 10 HP Elec. Motor

Capacity : 750 Kg gross load carrying capacity

Max. Height : 110Ft

Speed : 25 Mtr / min but can also be designed according to the specific requirement.

Column : 50 x 50 x 5 mm angle

Wheels : Pneumatic Wheels

Wire Rope : 12mm steel core



MATERIAL HANDLING HOIST





WEIGH BATCHER

- 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



Description Sand Screening Machine
 Operating Manually Operated
 Capacity 2 Cu. M.
 Power Not required



VIBRATING PLATE COMPACTOR

- PLATE SIZE** : 610 x 445 mm. (24 x 18 ins)
COMPACTING SURFACE : 0.26 Sq. Meters (2.88 Sq. Ft.)
CENTRIFUGAL FORCE : 1.811 Kg (3.995 lbs.) (Vibrating unit)
POWER : A : 3H.P 3 Phase 2800 R.P.M
 : B : 5 H.P Diesel Engine

SCREED VIBRATOR (CHENNEL VIBRATOR)



POWER FLOATER



CONCRETE GROOVE CUTTER



WHEEL BARROW (SINGLE WHEEL)**WHEEL BARROW (DOUBLE WHEEL)****CONCRETE MIXER - (LABORATRY TYPE)****NEEDLE VIBRATOR****Needle Vibrator**

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

**Needle**

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

**Slump CONE**

Size	Conforms to indian Standards
Material	Steel tamping rod : dia 0.16 mm & 600 mm log
	Base Plate made of mild steel cone in M.S Steel with handle

**Cube Mould**

Size	Varying Sizes of cubes available : Most common size are 75 mm & 150 mm
Material	Cast Iron internal faces are machined flat to + 0.02 mm All moulds conform to their respective Indian Standards.

**CONSTRUCTION EQUIPMENT PVT. LTD.**

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