

PRIMAX

CIVIL CONSTRUCTION MACHINERY EQUIPMENTS

MINI MOBILE BATCHING PLANT



CAP : 400 LTS / 600 LTS / 750 LTS

Fully indigenous with unmatched quality & performance to suit concrete requirements

TECHNICAL SPECIFICATION	MBP550 E/ MBP 550 D	MBP 800 E/ MBP 800D	MBP 1050E / 1050D
Hopper Capacity	550 Liters	800 Liters	1050 Liters
Batch Capacity Wet O/p.	400 Liters	600 Liters	750 Liters
Machine Output per Hour (30 Batches)	8-9 Cu.M./Hr.	12-13 Cu.M./Hr.	15 Cu.M./Hr
Power	MBP 550 E:10.HP 3 Phase electrical Motor MBP 550 D10 HP. Air cooled diesel engine	MBP 800 E:12.5 HP3 Phase electrical Motor MBP 800 D14 HP Air cooled diesel engine	15 HP.3 Ph. Elec.Motor
Water Tank	60 liters	90 liters	16 HP Aircooled Diesel Engine
Weighing Dial	Indicator 10" Dial Max 800 Kg.	Indicator 10" Dial Max 1200 Kg.	200 Liters
Hydraulic Pump with Power Pack	20 LPM Gear Pump 140 Bar	20 LPM Gear Pump 140 Bar	Electronic with Digital Display
Gear Ring & Roller	Accuracy machined with gear cutting operation	Accuracy machined with gear cutting operation	27 lpm Gear Pump 207 Bar
Wheels	Pneumatic Wheels (4Nos.)	Pneumatic Wheels (4 Nos.)	Accurately Machined with Gear Cutting Operation
Jack Leveling	4 Nos. Pin Type	4 Nos. Pin Type	Pneumatic Wheels (4Nos.)
Dimension	L 3150 x W 2100 x H 2700 mm	L 3300 x W 2100 x H 2700 mm	Pin Type (4 Nos.)
Weight	2000 Kg.	2200 Kg.	L4000xW2250xH3250mm
Options	Automatic Water flow meter Two Bin Weighing system	Automatic Water flow meter Two Bin Weighing system.	2250 Kgs
OPTIONS :	SINGLE BIN DIGITAL WEIGHING SYSTEM TWO BIN DIGITAL WEIGHING SYSTEM THREE BIN DIGITAL WEIGHING SYSTEM AUTOMISED DIGITAL WATER CONTROL SYSTEM AUTOMISED DIGITAL ADMIXTURE DOZING SYSTEM		
E - ELECTRICAL OPERATED D- DIESEL OPERATED			

PRIMAX CORPORATION

12A N. S. Road, Ground Floor, Kolkata - 700 001. West Bengal, India

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INBUILT DIGITAL WEIGHING SYSTEM LOAD CELL BASED

PRIMAX HAS INDIGENOUSLY DEVELOPED HIGHLY SUCCESSFUL LOAD CELL BASED WEIGHING SYSTEM TO GIVE MORE ACCURACY OF WEIGHING AGGREGATE



SINGLE BIN
SAND & METAL ARE DIGITALLY WEIGHED IN SINGLE BIN



TWO BIN
SAND & METAL ARE INDIVIDUALLY WEIGHED IN TWO SEPARATE BINS



THREE BIN
THIRD BIN FACILATES THE REQUIREMENT OF WEIGHING METAL 3

CONCRETE MIXER

7/5 Cu. Ft. (200 / 140 Liters)

Specification :	
Type	Tilting type
Capacity (Unmixed)	200 Litres (7CFT)
Capacity (Mixed)	140 Litres (5 CFT)
Power Unit	5 H.P Air/Water cooled Diesel Engine or 3 H.P. Electric Motor



10/7 cu.ft. (280/200 Litres)

- SIMPLE & EASY TO OPERATE
- FUNCTIONAL SIMPLE DESIGN

SPECIFICATION:

Type: Tilting Type

Capacity: 280 Litres (10 cuft.) unmixed
: 200 Liters (7 cuft) mixed

Power Unit : 5 H.P. Air / Water / Cooled

: Diesel Engine or 5 H.P. 440/3/50 A.C. Electric Motor.

Tilting Drum Type Concrete Mixer with Hopper (One Beg Capacity)

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VIBRATING EARTH COMPACTION RAMMER

- High working speed at low cost
- Maximum depth effect
- Robust in design and construction.
- Easy change of amplitude and
- Frequency to suit different soil
- High compaction capacity
- Vigorous penetration...
- Easy to operate and less maintenance
- Light and easy to transport in restricted sites
- Vibration proof operating handle.
- Guaranteed after sale



SPECIFICATION:

MODEL NO.	PC-2	PC-4	PC-8	PC-10
Compaction capacity	1-2 Tons.	3-4 Tons	6-8 Tons	8-10 Tons
Impact force up to	850 kgs (approx)	1000 kgs (approx.)	3500 kgs (approx)	3750 kgs (approx)
Compacting Plate size	11" x 19"	2'-2" x 1'-4"	2'-8" x 1'-9"	3'-2" x 2'-2"
Working Area (Approx.)	4300 sq. ft. P/H	4400 sq. ft. P/H	5500 sq. ft. P/H	6500 sq. ft. P/H
Power Units	3.4 H.P. Petrol/Kerosene or with 3 H.P. 440/50/3 A.C. Electric Motor	3.4 H.P. Petrol/Kerosene or with 3 H.P. 440/50/3 A.C. Electric Motor	5 H.P. Petrol/Kerosene or with 7.5 H.P. 440/50/3 A.C. Electric Motor	8.5 H.P. Petrol/Kerosene or with 7.5 H.P. 440/50/3 A.C. Electric Motor

BUILDERS (TOWER) HOIST



Consists Of Winch Mechanism, Tower Structure, Channel Platform, Wire Rope & Bucket With Suitable Prime Mover.

- Capacity-1000 kgs. (Gross Weight)
- Height 15 Mtrs. to 85 Mtrs.
- Concrete Carring Skip (Silo)- 10 cu.ft. Capacity.
- Wire rope : 12 mm dia.
- Tower Angle Section : 65 x 65 x 6 mm (all four Angle)
Trolley Speed 25-30 mtr./minute. control to the operator
- Power Unit : 12/14/18 H.P. H.S.D. Double Cylinder Air / Water Cooled diesel Engine and / or 12.5 H.P. / 15 H.P. Elec. Motor or a high Capacity Prime Mover.

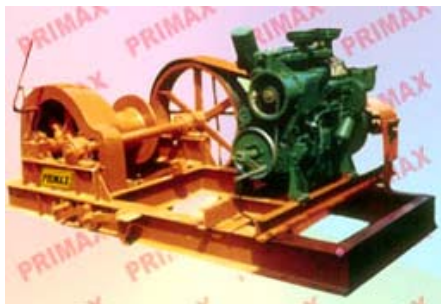
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PILLING WINCHES



- Power Winches for Bored Pilling, Well Sinking, Grabbing, Driven Pilling, Erection, Haulage, Lifting and many other uses.
- Board Pilling Winch are famous for its unique design, trouble free service & Roboust Construction.
- Cone Clutch for Easy Operation.
- Heat Treated M.S. Pinion for Smooth functioning.
- Carbon Steel Shaft
- Fabricated Steel Structure
- Heavy Duty Bearings
- All Controls within Reach of Operator.
- Power- Electric Motor/Diesel Engine. Safety Ratchet Arrangement

HOPPER SWING WEIGHT BATCHER



DOUBLE BUCKET SPRINGLESS OR SPRINGTYPE HOPPER SWING WEIGHBATCHER

Primax Swing weighbatcher are built to meet the need of the Building Construction Industry and the batcher has an accuracy of + 1% when kept in good order, under smooth Conditions accuracy + 3%

Capacity :
1000 Kgs (Springless) 14 cu.ft. each bucket.
650 Kgs (Spring type) 14 cu.ft. each bucket

SCALE TYPE WEIGH BATCHER

Capacity :
a) 2 Hoppers of 250 kg capacity each for receiving sand & metal
b) 2 Hoppers of 500 kg capacity for receiving sand & metal.

Chassis: Heavy duty and robust made of heavy steel section.

Transmission: By mechanical joints provided with dust covered bearings.

Weighing System: Fine adjustment of 0-20 kgs with jockey.
Pan weight of 20, 50 & 100 kgs.

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BATCHING PLANT



MAIN FEATURE OF THE PLANT:

- Compact design giving fast and easy transportability.
- Low space requirement.
- Large active aggregate stock.
- Exact batching of a aggregate and cement.
- Short mixing cycles resulting in large hourly output of quality concrete.
- Low were rate
- Simple & economical foundation.
- Maximum weighing accuracy.
- Promote after seals & Service.

Total weight	Ton	12	16
Single Shaft/ Pan mixer (turbo type) size	m3	0.7/0.5	1.0/0.75
Through output (Volume of fresh concrete with a mixing time of 30 sec. in continuous operation)	m3/hrs.	30	45
Concrete discharge height	mtrs. (Approx)	3.5	3.5
Weighing Capacity			
• Aggregate scale	Kg.	1500	2000
• Cement scale	Kg.	300	600
• Water scale	Kg.	150	300
Water connection	mm	40	50
Operation voltage	Volt	1x230/3x415	1x230/3x415
Mains frequency	Hz	50	50
Connected load for the basic unit	KVA	125	152

Others Products

VIBRATING HEADS:

These are specially designed to produce high vibration with slow speed drive. The high frequency ensures rapid and reliable compaction.

FLEXIBLE SHAFTS:

The shafts are designed to stand up to high speed to give longer services and to withstand stretching and rough uses. Consist of outer metallic casing duly rubberised and an inner core. Available in standard lengths of 4, 5 & 6 meters and 12, 15, 18 & 20 ft.



CONCRETE VIBRATOR

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Others Products



PLATFORM/PLAN OR SURFACE VIBRATOR

Available in standard sizes of 14" x 24", 24" x 24", 18" x 30" and any other sizes available on specific requirements.

VIBRATION:
3000 to 5000 Per Min.

POWER UNIT:
1.95 H.P. or 3.4 H.P. Petrol /Kerosene Engine or 2 H.P. Electric Motor

SHUTTER/FORM VIBRATOR

These are used for vibration of concrete in moulds for precast concrete products Bridge, Girders etc. Rating : 0.33 H.P., 0.67 H.P. and 1 H.P. 440 Volts and 42 Volts 3 Phase 220 volts



SCREED BOARD VIBRATOR

These vibrator are used for vibrating concrete on Flat Area such as slabs, Pavements, Roads Factory etc. Power Unit — Greaves 1.95 H.P./ 3.4 H.P. Diesel Engine or Electric Motor

SCAFFOLDING SHUTTERING EQUIPMENTS

These System are giving maximum economy with excellent concrete finish and use for construction of wall, Columns, beams, floors, culverts, docks etc. These are extremely useful as access scaffolding of the high rise Building and support staging for heavy structures bridge, girders / deck slab, etc.



TESTING MACHINE

120 Ton Capacity, hand operated, Compression strength test on Cement concrete or similar materials, Cube of any size upto 15 x 15 x 15 cm. and also cylinders of 15 cm dia x 30 cm. high. Pressure Gauge calibrated & tested by Govt. Approved concern also available accessories like cube Moulds & Cylindrical Mould of Different sizes. Slump cone apparatuses. Test Sieves etc.

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BLOCK MAKING MACHINES



**MANUAL BLOCK MACHINE
MBM 450/650**



**AUTOMATIC BLOCK MACHINE
ABM 850**

Features			
TECHNICAL FEATURES	AUTORAMMING BLOCK MACHINE ABM-850	VIBRATORY BLOCK MACHINE MBM-650	MANUAL BLOCK MACHINE MBM-450
Output per Shift (8 hrs)	850 Blocks	650 Blocks	450 Blocks
Operating cycle / hour	60	45	30
Vibrator	In-built 1HP, 1Ø / 3Ø motor	--	
Ramming (Compaction)	Automatic 140 strokes / min. 2 HP, 1Ø / 3Ø motor	Manual	Manual
Block Ejection	Blocks are Stationary Mould Side down	Blocks are Stationary Mould Side down	Blocks are stationary Mould Side down
Weight (Approx.)	375 kgs	250kgs	225kgs
Dimensions (mm)	L 1200 x W 1100 x H 1750	L 1175 x W 1050 x H 1330	L 1175 x W 1050 x H 1330

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