



# CONSTRUCTION MACHINERY

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**PRIMAX COMPACT CONCRETE BATCHING PLANT**

MODEL	CCBP-25	CCBP-30
Concrete Output / hr	25 M <sup>3</sup> /HR	30 M <sup>3</sup> /HR
Batch Capacity	600 / 400	750 / 500
Aggregate Storage Hopper	Compartment Bin	Compartment Bin
Aggregate Storage Bin Capacity	4Nos. / 10M <sup>3</sup>	4Nos. / 16M <sup>3</sup>
MIXER	PAN-TYPE	PAN/PLANETARY TYPE
Cement Screw Conveyor With Bag Hopper	YES	YES
PLC Base Control Panel	YES	YES
Power Required	50.0HP	55.0HP
Required Land Area for Batching Plant (w/o storage)	25x15 mtr.	25x15 mtr.



**PRIMAX INLINE CONCRETE BATCHING PLANT**

MODEL	ICBP-30	ICBP-45	ICBP-60
Concrete Output / hr	30 M <sup>3</sup> /HR	45 M <sup>3</sup> /HR	60 M <sup>3</sup> /HR
Batch Capacity	750/500	1125/750	1500/1000
Aggregate Storage Hopper	In Line bin	In Line bin	In Line bin
Aggregate Storage Bin Capacity	4Nos./30M <sup>3</sup>	4Nos./30M <sup>3</sup>	4Nos./45M <sup>3</sup>
MIXER	PAN / PLANETARY	PAN / PLANETARY	PLANETARY/ TWIN SHAFT
Cement Screw Conveyor With Bag Hopper	YES	YES	YES
Power Required	66.0HP	81.0HP	90.0HP
Required Land Area for Batching Plant (w/o storage)	25X15mtr.	30X20mtr.	30X25mtr.



**PRIMAX MINI MOBILE BATCHING PLANT**

MODEL	MBP 500	MBP 800	MBP 1050
Hopper Capacity	550 Ltr.	800 Ltr.	1050 Ltr.
Batch Capacity	400 Ltr.(0.4Cu.M.)	600 Ltrs.(0.6Cu.M.)	750 Ltr.(0.75Cu.M.)
Machine Output	7-9 Cu.M./hr.	10-12 Cu.M./hr.	12-15 Cu.M./hr.
Power	10HP (7.5KW) Electric Motor	10HP (7.5KW) Electric Motor	12.5HP (9.5KW) Electric Motor
Water Tank Capacity	100 Ltr.	120 Ltr.	150 Ltr.
Weighing System	Load Cell based weighing system with digital display	Load Cell based weighing system with digital display	Load Cell based weighing system with digital display
Water Pump	Self Priming mono-set type	Self Priming mono-set type	Self Priming mono-set type
Hopper Lifting	Hydraulic	Hydraulic	Hydraulic
Hydraulic Pump	16 Imp @ 200 bar	16 Imp @ 200 bar	20 Imp @ 200 bar
Hydraulic Oil Tank	40 Ltr.	60 Ltr.	90 Ltr.
Wheels	4 Nos. Pneumatic Wheels	4 Nos. Pneumatic Wheels	4 Nos. Pneumatic Wheels



**PRIMAX MINI MOBILE BATCHING PLANT (COMPARTMENT BIN)**

MODEL	MBP-C 800	MBP-C 1050
Hopper Capacity	800 Ltr.	1050 Ltr.
Batch Capacity	600 Ltrs.(0.6Cu.M.)	750 Ltrs.(0.75Cu.M.)
Machine Output	10-12 Cu.M./hr.	12-15 Cu.M./hr.
Power	10HP (7.5KW) Electric Motor	12.5HP (9.5KW) Electric Motor
Water Tank Capacity	120 Ltr.	150 Ltr.
Weighing System	Load Cell based weighing system with digital display	Load Cell based weighing system with digital display
Water Pump	Self Priming mono-set type	Self Priming mono-set type
Hopper Lifting	Hydraulic	Hydraulic
Hydraulic Pump	16 Imp @ 200 bar	20 Imp @ 200 bar
Hydraulic Oil Tank	60 Ltr.	90 Ltr.
Wheels	4 Nos. Pneumatic Wheels	4 Nos. Pneumatic Wheels
Mobile Aggregate Storage Hopper	Compartment Bin (Conveyor Type Feeding)	Compartment Bin (Conveyor Type Feeding)



**PRIMAX SELF LOADING CONCRETE MIXER**

MODEL	PCM-2000	PCM-4000
Concrete Output	2.3 Cu.M	4 Cu.M
Drum Capacity	3.5 Cu.M	5.5 Cu.M
Chassis	Box Type	Box Type
Speed	0-20 kmph	0-29 kmph
Loading Shovel	400 Ltrs	750 Ltrs
Gradient	30 Degrees	30 Degrees
Tyres	12.0/75-18 12 PR	16.0/70-20 14 PR
Electric System	12v DC 130 Ah	12v DC 150 Ah
Water Tank	400 Ltrs (2x200Ltrs)	720 Ltrs (2x360Ltrs)
Diesel Tank	60 Ltrs	100 Ltrs
Hydraulic Tank	110 Ltrs	110 Ltrs
Power	74 HP	130 HP
Engine	Kirloskar / Ashok Leyland	Kirloskar / Ashok Leyland



**PRIMAX SELF LOADING CONCRETE MIXER (TRACTOR OPERATED)**

MODEL	TSLM-2	TSLM-3
Nominal Filling Capacity	2.0 M <sup>3</sup>	3.0 M <sup>3</sup>
Total Geometric Volume	4650 Ltr.	5650 Ltr.
Water Line Volume	2300 Ltr.	3300 Ltr.
Filling Ratio %	57%	57%
Prime Mover Power	Tractor PTO	Tractor PTO
Drum Speed	7 to 18 RPM	7 to 18 RPM
Feed Hopper Capacity	500 kg	700 kg
Water Tank	150 Ltr.	200 Ltr.
Tyre	Pneumatic 2 Nos.	Pneumatic 2x2 = 4 Nos.
Hydraulic Cylinder	2 Stage - 2 Nos.	2 Stage - 2 Nos.
Additional Features	Digital weighing system with thermal printer	



**PRIMAX TRANSIT MIXER (TRACTOR OPERATED)**

MODEL	PTM-2000	PTM-3000
Nominal Filling Capacity	2.0 M <sup>3</sup>	3.0 M <sup>3</sup>
Total Geometric Volume	4650 Ltr.	5650 Ltr.
Water Line Volume	2300 Ltr.	3300 Ltr.
Filling Ratio %	57%	57%
Prime Mover Power	Tractor PTO	Tractor PTO
Drum Speed	7 to 18 RPM	7 to 18 RPM
Water Tank	150 Ltr.	200 Ltr.
Tyre	Pneumatic 2 Nos.	Pneumatic 2x2 = 4 Nos.
Height of Feed Hopper	2750 MM	3150 MM



**PRIMAX VIBRATING PLATE COMPACTOR**

MODEL	PC-2	PC-4	PC-8
Compaction capacity	1-2 Tons.	3-4 Tons.	6-8 Tons.
Impact Force Up to	850 kg (approx)	1000 kg (approx)	3000 kg (approx)
Depth Effect (Depending on type of soil).	6 Inch	10 Inch	20 Inch
Power Units	3.4 H.P. Petrol/ Diesel Engine or 2 H.P. Electric Motor 440/3/50	3.4 H.P. Petrol/ Diesel Engine or 3 H.P. Electric Motor 440/3/50	5 H.P. Diesel Engine or Electric Motor 440/3/50
Compacting Plate Size	13" x 24"	16" x 26"	18" x 31"
Weight (approx)	150 kg	225 kg	375 kg



**PRIMAX CONCRETE MIXER WITH LIFT (HOIST)**

SPECIFICATION	DETAILS
Capacity	10/7 cft (280-200 Litres)
Construction	Strong & Sturdy
Operation	Simple & Easy to Operate
Design	Functional Simple Design
Type	Tilting Type
Power Unit	Diesel Engine / Electric Motor
Lifting Height	55 ft



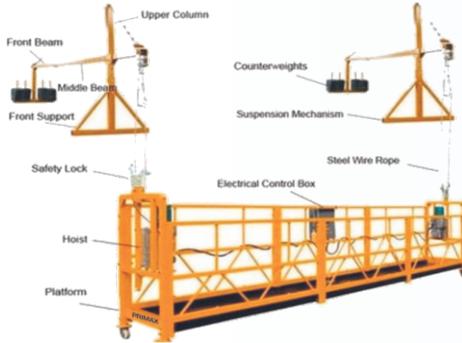
**PRIMAX MULTI FUNCTIONAL HOIST**

SPECIFICATION	PMFH-1500	PMFH-2000
Weight Capacity	1500 Kgs	2000 Kgs
Safe Load Capacity	• 1200 Kg upto 81m Height • 750 Kg upto 120m Height	• 1000 Kg upto 120m Height
Maximum Travel Height	120 mtrs	120 mtrs
Transmission	Heavy duty wire rope winch	Heavy duty wire rope winch
Tower Structure	Heavy duty	Heavy duty
Trolley Speed	30 mtrs / min	30 mtrs / min
Control Panel	Latest technology power control panel	
Motor Make	CG or Equivalent (Adequate Rated)	
Safety Features	Eccentric Gripping Brake, Lower & Upper Limit Switch	



**PRIMAX TOWER HOIST (WINCH)**

SPECIFICATION	DETAILS
Type	Mobile / Stationary
Capacity	1 Ton (1000 Kgs) Gross Weight
Wire Rope	10 mm
Concrete Carrying Skip (Silo) Capacity	10 cft
Trolley Speed	20-25 mtr. / Minute
Power Unit	Electric Motor / Diesel Engine
Max. Lifting Height	80 mtr.



**PRIMAX SUSPENDED PLATFORM**

SPECIFICATION	DETAILS
Rated Load	800 Kgs.
Ascend Speed	9-11 m/min
Suspended Platform Size (LxW)	(2.5mx2+1.5+1)x0.69
Wire Rope	4 x 31SW + FC-9.1
Rated Lifting Force	8 kN
Power	1.8 kW



**PRIMAX PASSENGER-CUM-MATERIAL HOIST**

SPECIFICATION	DETAILS
Capacity	1 Ton/1.5 Ton/2 Ton/Twin Cage
Design	Compact design & comfortable operation environment
Configurations	Single & Dual Cage
Material	High-quality steel for increased strength & weight reduction
Operation	Simple & easy operation system



**PRIMAX MINI CRANE / LIFT**

SPECIFICATION	DETAILS
Loading Capacity	300 Kg. can withstand upto 500 Kg.
Motor	2.5 HP heavy duty
Rope	Usha Martin, 8 mm dia, 100 ft. length
Speed	24 meters per min
Motor	ABB or Schneider brand
Voltage Monitoring	Digital meter provided
Machine Weight	190 Kg.



**PRIMAX HOLLOW/SOLID BLOCK MAKING MACHINE**

SPECIFICATION	DETAILS
Type	Mobile, egg-laying type
Operation	Lays blocks directly on the concrete floor and then moves to the next position for Laying
Block Type	Can produce any type of concrete block with consistent quality by changing molds and ram
Additional Feature	Auto Feeding System available



**PRIMAX BAR CUTTER**

SPECIFICATION	MODEL PBC-42	MODEL PBC-50
Rebar Cutting Diameter	6 mm to 32 mm	6 mm to 42 mm
Frequency of Cutting	32 times/min	32 times/min
Motor Power	3 kw, Voltage : 415v	4 kw, Voltage : 415v
Motor Speed (RPM)	2880 r/min	2880 r/min
Weight	400 kgs	520 kgs
Safety Panels	Starter, Overload Relay, ELCB of reputed make.	



**PRIMAX BAR BENDER**

SPECIFICATION	MODEL PBB-42	MODEL PBB-50
Rebar Bending Diameter	6 mm to 32 mm	6 mm to 42 mm
Disc Diameter	360 mm	410 mm
Bending Speed	10-20 r/min	10-20 r/min
Motor Power	3.75 kw, Voltage : 415v	4.4 kw, Voltage : 415v
Motor Sped (RPM)	1440 r/min	1440 r/min
Weight	350 kgs	440 kgs
Safety Panels	ELCB, Overload Relay, Transformer, Volt Digital Meter of reputed make.	



**PRIMAX COMPRESSION TESTING MACHINE**

MANUAL	DIGITAL
Capacity : 1000 KN	Load capacity : 2000/1500/1200 KN
Power : Hand Operated, Hydraulic	Max. test speed : 400 KN
Product : Pillar type	Load accuracy : ± 2%
Ram dia : 152.4 mm	Least count : 1 KN
Least count : 5 KN (1 division)	Max. cross travel : 125 MM
	Display : LED
	Power : 220V



**PRIMAX VACUUM PUMP, POWER TROWEL CUM FLOATER**

SPECIFICATION	DETAILS
Purpose	Designed to eliminate the ill effects of extra water present inside the concrete.
Treatment Method	Vacuum treatment to remove surplus water from the concrete.
Effect on Water/Cement Ratio	Drastically reduced after placing the concrete.
Impact on Concrete Properties	Lowered water/cement ratio leads to a noticeable improvement in almost all concrete properties.



**PRIMAX SCREED BOARD VIBRATOR**

SPECIFICATION	DETAILS
Usage	Leveling and compaction of concrete; vibrating concrete on flat areas like slabs, pavements, roads, factories, etc.
Length	4200 mm / Specified Length
Safety Panel	1 HP Electric Motor



**PRIMAX CONCRETE MIXER 10/7 CFT WITH DIGITAL WEIGHING SYSTEM**

SPECIFICATION	DETAILS
Hopper Capacity (Dry)	(Dry) 280 litres (300 Kgs)
Batch Capacity	(Wet) 230 litres (0.2 cum)
Machine Output	0.2 cum x 20 = 4 cum/hr
Loading Hopper (Feeder System)	Hydraulic Operated with heavy duty Power Pack
Water Dozing	Digital
Power	Air Cooled Diesel Engine
Mixing Drum	Tiling M.S. drum type made out of durable heavy duty M.S. Plate (Lower & Upper Drum)
Chassis	Heavy duty fabricated chassis
Wheels	Pneumatic Tyre Wheels, 4 Nos. for easy mobility
Weighing	Load Cell based In-built weighing system Digital Type
Control Panel	Latest technology power control panel for Digital Weighing with inbuilt USB Port and automatised Water System



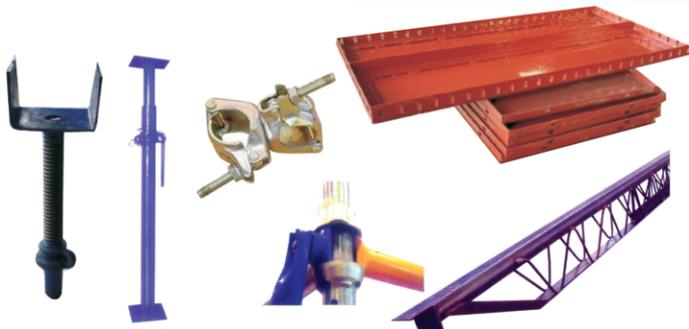
**PRIMAX CONCRETE MIXER (MECHANICAL/HYDRAULIC)**

SPECIFICATION	MECHANICAL	HYDRAULIC
Capacity	10/7 cft. (280/200 Litres)	10/7 cft. (280/200 Litres)
Construction	Strong & Sturdy	Strong & Sturdy
Operation	Simple & Easy to Operate	Simple & Easy to Operate
Design	Functional Simple Design	Functional Simple Design
Type	Tilting Type	Tilting Type
Capacity Details	280 Litres (10 CFT) Unmixed and 200 Litres (7 CFT) Mixed	280 Litres (10 CFT) Unmixed and 200 Litres (7 CFT) Mixed
Power	6 HP Air Cooled Diesel Engine or 5 HP 440/3/50 AC Electric Motor	6 HP Air Cooled Diesel Engine or 5 HP 440/3/50 AC Electric Motor



**PRIMAX TILTING HAND-FED CONCRETE MIXER**

SPECIFICATION	7/5 CFT	10/7 CFT
Capacity	7/5 cft (200/140 Litres)	10/7 cft (280/200 Litres)
Type	Tilting Type	Tilting Type
Power	5 HP Air Cooled Diesel Engine or 3HP, 5HP 440/4/50 AC Electric Motor	5 HP Air Cooled Diesel Engine or 3HP, 5HP 440/4/50 AC Electric Motor



**PRIMAX SCAFFOLDING & SHUTTERING ACCESSORIES**

SPECIFICATION	DETAILS
Economy	Provides maximum economy with an excellent concrete finish.
Applications	Used for the construction of walls, columns, beams, floors, culverts, docks, etc.
Use in High-Rise Buildings	Extremely useful as access scaffolding for high-rise building.
Support for Heavy Structures	Supports staging for heavy structures such as bridges, girders, deck slabs, etc.



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