

**BUILT
TO BUILD**



BATCHING PLANTS | BLOCK MAKING MACHINES | CONCRETE MIXERS | LIFTS

VPG
BUILDWELL INDIA PVT LTD

VPG Buildwell India Private Limited was established in the year 1974 by Er.A.S. Vardharajan B.E., M.E., who served as HOD - Department of Mechanical Engineering - PSG College of Technology. VPG Buildwell India Pvt. Ltd. is one of the leading manufacturers, suppliers and exporters of wide range of Construction Equipments. Our range encompasses Concrete Mixers, Mobile Concrete Batching Plant, Self Loading Mobile Concrete Mixer, Steel BBM | BSM, SPL, scaffolding, Hot Mix Plant, Fly-Ash/Paver/Hollow Block Making Machine, Builders Hoist & Concrete Weigh Batcher Machine. All our products are designed and manufactured using premium grade raw Materials and components to assure international quality. Our Products are widely used in construction sites and well appreciated by the clients because of their long lasting performance and sturdy construction, prompt after sales service and low maintenance.

We have a modern and state of art manufacturing unit, along with a full fledged R&D team which facilitates us in producing unmatched range of products and also customizing as per the clients exact needs. The meticulous efforts of our team has helped us to cover the Indian Market and also to export our machineries to Australia, Maldives, Sri Lanka, Africa, UAE, Saudi arabia & Tajikistan.

Our ethical business policies, transparent dealings, sound strategies and 40 Years of Experience in Engineering Industry has enabled us to garner a huge clientele across the country.



CONCRETE BATCHING PLANT
30 m³ / 60 m³ / 120 m³ Per hr



MULTI PURPOSE BLOCK MACHINE



REVERSIBLE DRUM
Concrete Mixer Machine

Concrete Mixer Portable Type

250 SM	350 SM	500 SM	750 SM	107 SM	RM 800 & RM1500
					
3.5 / 2.5 CFT	5/3.5 CFT	7/5 CFT	3/4 Bag	1 Bag	2 & 4 Bag
150 Kg	70 Kg	68 Kg	500 Kg	600 Kg	2850 Kg (or)3850 Kg
1700Lx 800W x 1150H	1210L x 730W x 1380H	1211Lx 600W x 890H	2100L x 750W x 1500H	2250L x 1200W x 1650H	4850L x 2180W x 2950H

Concrete Mixer Without Hopper

535 D	705 D	107 NMD	107 ND	107 NMSD
				
5/3.5 CFT	7/5 CFT	10/7 CFT	10/7 CFT	10/7 CFT
800 Kg	900 Kg	950 Kg	1150 Kg	850 Kg
2745L x 1070W x 1678H	2600L x 1300W x 1730H	2600L x 1300W x 1830H	2600L x 1200W x 1875H	2400L x 1125W x 1725H

Concrete Mixer with Loading Hopper

107 CD	107 HD	107 HPD	107 HWD	107 HMSD	Concrete Weigh Batcher
					
10/7 CFT	10/7 CFT	10/7 CFT	10/7 CFT	10/7 CFT	(200+200) 400 Kg
1700 Kg	1500 Kg	1600 Kg	1650 Kg	1050 Kg	750 Kg
2750L x 1750W x 2450H	2750L x 1700W x 2450H	2750L x 1700W x 2450H	2750L x 1800W x 2500H	2625L x 1800W x 1800H	1900L x 1100W x 1800H



RM 800 MODEL CONCRETE BATCHING MACHINE

Batch Capacity	- 800 Kg (or) 0.3 cub. mtr
Machine Output	- 6-9 cub. mtr per hr
Weighing System	- Digital load indicator
Water System	- Automatic water system
Total Power	- 12 HP Electric Motor
Drum Dimensions (Center Length x Total Length x Dia)mm	- 1260 x 2260 x 1300
Overall Dimensions (L x W x H) mm	- 4650 x 2180 x 2650
Weight	- 3000 Kg



RM 800 MODEL CONCRETE BATCHING MACHINE (DIESEL ENGINE TYPE)

Batch Capacity	- 800 Kg (or) 0.3 cub. mtr
Machine Output	- 6-9 cub. mtr per hr
Weighing System	- Digital load indicator
Water System	- Automatic water system
Total Power	- 16 HP Air cooled diesel engine
Drum Dimensions (Center Length x Total Length x Dia) mm	- 1260 x 2260 x 1300
Overall Dimensions (L x W x H) mm	- 4650 x 2180 x 2650
Weight	- 3400 Kg



RM1050 & RML1500 MODEL CONCRETE BATCHING MACHINE

Batch Capacity	- 1050 Kg (or) 0.4 cub. mtr	1500 Kg (or) 0.6 cub. mtr
Machine Output	- 8-13 cub. mtr per hr	12-18 cub. mtr per hr
Weighing System	- Digital load Indicator	Digital load indicator
Water System	- Automatic water system	Automatic water system
Total Power	- 12 HP Electric Motor	14.5 HP Electric Motor
Drum Dimensions (Center Length x Total Length x Dia) mm	- 1520 x 2520 x 1300	1520 x 2520 x 1425
Overall Dimensions (L x W x H) mm	- 4850 x 2180 x 2650	4850 x 2180 x 2800
Weight	- 3000 Kg	3250 Kg



RM1500 & RM1850 MODEL CONCRETE BATCHING MACHINE

Batch Capacity	- 1500 Kg (or) 0.6 cub. mtr	1850 Kg (or) 0.8 cub. mtr
Machine Output	- 12-18 cub. mtr per hr	15-20 cub. mtr per hr
Weighing System	- Digital load Indicator	Digital load Indicator
Water System	- Automatic water system	Automatic water system
Total Power	- 17 HP Electric Motor	22 HP Electric Motor
Drum Dimensions (Center Length x Total Length x Dia) mm	- 1260 x 2260 x 1550	1260 x 2520 x 1550
Overall Dimensions (L x W x H) mm	- 4850 x 2180 x 2950	5150 x 2180 x 2950
Weight	- 3650 Kg	4200 Kg



MOBILE AUTOMATIC CONCRETE BATCHING PLANT

Batch Capacity	- 20m. cub per hour
Machine Output	- 0.4m. cub per batch
Weighing System	- Digital load Indicator
Water System	- Automatic water system
Cement	- Automatic Feed Type
Total Power	- 33.75 HP
Drum Dimensions (Center Length x Total Length x Dia) mm	- 1520 x 2520 x 1425
Overall Dimensions (L x W x H) mm	- 7257 x 2362 x 3643
Weight	- 7000 Kgs. (Approx.)



AUTOMATIC FEEDER UNIT (3 BIN BELT CONVEYOR TYPE)

Output	- 10-15 cub. mtr. / hr
Electric Motor (Mixer)	- 20 HP (or) 15 HP (or) 12.5 HP (or) 10 HP
Water System	- Automatic water system
Aggregate Bins Capacity	- 2 cub. mtr for each bins
Aggregate Feeding System	- Belt Conveyor (3Nos-3 HP Each)
Cement Feeding System	- Screw Conveyor type
Total Power Installed	- 35 HP
Dimensions (L x W x H) mm	- 5020 x 2200 x 2850
Suitable For	- RM800, RM1050, RM1500, RM1850

AUTOMATIC FEEDER UNIT (2 BIN BELT CONVEYOR TYPE)

Machine Output	- 10-12 cub. mtr. / hr
Total Power	- 6.5 HP + (RM800 or RM1050 or RM1500 or RM1850)
Weighing System	- Digital Load Indicator
Water System	- Automatic water system
Aggregate Bins Capacity	- 4 cub. mtr for each bins
Aggregate Feeding System	- Belt Conveyor
Overall Dimensions (L x W x H) mm	- 5087 x 5450 x 2090
Weight	- 2500 Kg (Approx.)

MINI DUMPER (4 WHEEL DRIVE)

Capacity	- 2000 Kg
Power	- 2 (or) 4 Cylinder Engine
Transmission	- 4 x 4 Hydrostatic
Chassis	- Articulated Model
Suspension	- Leaf Spring Mounted
Brakes	- Power Brake with tandem master cylinder
Steering	- Effortless, Mechanically Operated Steering
Weight	- 3000 Kg (Approx.)

MINI MOBILE HOT MIX PLANT

Capacity	- 10 to 15 tons per hour
Power	- Four Cylinder Diesel Engine
Chassis	- Heavy Duty, Robust Steel Chassis
Drum Mixing type	- Pugmill or Drum mix type
Conveyor	- Load out Conveyor, Bucket Conveyor
Mixing	- Drum Mix Mobile Type
Dimensions (L x W x H) mm	- 6715 x 1500 x 3450
Weight	- 7000 Kg (Approx.)

VPG SP-800 SUSPENDED PLATFORM HOIST

Platform Size	- 2.5mtr x 3 = 7.5 Meter	Wire Rope Size	- 9mm
Material of Platform	- Aluminum/Steel Platform Hot Galvanized	Wire Rope Length	- 100 meter
Balance Weight	- 1000 kgs	Structure Weight Approx	- 800 - 900 kgs
Rated Load	- 800 kgs	Counter Weight	- 1000 kgs
Ascend Speed (Work Speed)	- 9-11 m/min	Rated Lifting Force	- 5 KN
Wire Rope	- 4 x 31 Sw-FC 9.1	Power	- 1.8kw x 2/AC 415 V 3 Phase
		Safety Lock	- Tilt Proof (2 Nos)



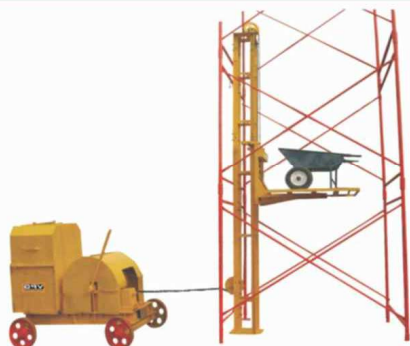
LADDER LIFT

Capacity	- 7/5 cft
Power	- 8 (or) 10 HP Air Cooled Diesel Engine
Chassis	- Heavy Duty, Robust Steel Chassis
Speed	- 20mtrs / min
Loading Bucket	- 5 cft
Height	- 46 feet + Top Frame 8 Feet (Total 54 Feet)
Weight	- 850 Kgs. (Approx.)



MOBILE HOIST

Capacity	- 500 Kgs
Power	- 10HP Air Cooled Diesel Engine
Chassis	- Heavy Duty, Robust Steel Chassis
Speed	- 25 mtr / min
Wire Rope	- 12mm Steel Core tested wire rope
Height	- 60 feet
Weight	- 1850 Kgs with out Engine (Approx)
Scaffolding Pipe	- B-Class H-Frame



500 Kg / 1000 kg CONCRETE CONVEYING EQUIPMENT

Capacity	- 500 Kgs	1000 Kgs
Power	- 10HP Air Cooled Diesel Engine	12HP Air Cooled Diesel Engine
Chassis	- Heavy Duty, Robust Steel Chassis	Heavy Duty, Robust Steel Chassis
Speed	- 25 mtr / min	25 mtr / min
Wire Rope	- 12mm Steel Core tested wire rope	14mm Steel Core tested wire rope
Height	- 100 feet	100 feet
Weight	- 1850 kg (Approx)	2250 kg (Approx)



COLUMN BOX CONCRETE LIFT

Loading Capacity	- 200 Kg (4 cft)
Loading Height	- 15 feet
Power	- Power 2 HP 3 Phase
Prime Mover	- Brake Mounted Electric Motor
Type	- Mobile Type
Weight	- 250Kg

MINI LIFT 180° (GEAR BOX TYPE)



MINI LIFT 360° (GEAR BOX TYPE)



MINI LIFT 360° (BOX TYPE OPEN GEAR WHEEL)



SELF LOADING MOBILE CONCRETE MIXER

ENGINE :

Kriloskar water cooled 4 stroke diesel
Engine – 60HP @ 2400 rpm.
BS-III Emission Certified

TRANSMISSION :

4 wheel drive
4 speed hydrostatic transmission

VEHICLE SPEED :

0 to 19 kmph
(Forward & Reverse)

WATER SYSTEM :

Water pump driven by hydraulic
system controlled by electronic
water meter and sensor

STEERING :

Hydraulic operated three way
steering system

BRAKE:

Power braking disc type

WEIGH BATCHING :

Different aggregates can be weighed
and monitored through digital
display

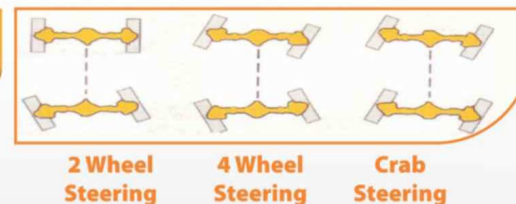
WHEELS :

Tyre: 12.5 / 80 – 18 – 12 PR

DRUM DRIVE :

Hydraulically operated drum rotation
for mixing and unloading with drum
lift for faster and complete discharge

Concrete output : 2 cub. mtr per batch
maximum drum rotation : 0 - 18 rpm





VIBRATOR CUM MANUAL OPERATED BLOCK MAKING M/C.

Capacity	- 4" - 2Nos, 6", 8", - 1no per Stroke
No. of Operations	- 50 - 60 / hr
Vibrator	- Motor 2HP Single / Three Phase
Chassis	- Heavy Duty, Robust Steel Chassis
Overall Dimensions (L x W x H) mm	- 1250 x 1100 x 2050
Mould Area	- 350 x 500mm
Weight	- 500 Kgs (Approx)

500, 860 & 1060 MODEL CONCRETE BLOCK MAKING M/C.

Type	500	860	1060
Capacity	- 4" - 4 nos, 6" - 3 nos - 8" - 2 nos Per Stroke	- 4" - 8 nos, 6" - 5 nos - 8" - 4 nos Per Stroke	- 4" - 10 nos, 6" - 6 nos - 8" - 5 nos Per Stroke
No. of Operations	- 50 - 60 / hr	- 50 - 60 / hr	- 50 - 60 / hr
Vibrator Type (1,2,3,)	- 4 HP	- 5 HP, 6.5 HP, 8HP	- 7HP, 8.5HP, 10HP
Chassis	- Heavy Duty	- Heavy Duty	- Heavy Duty
Dimensions (L x W x H) mm	- 1900 x 820 x 1750	- 1900 x 1275 x 1750	- 1900x 1475 x 175
Hydraulic Oil	- 68-Grade, 8 Ltrs	- 68-Grade, 12 Ltrs	- 68-Grade, 12 Ltrs

Auto Feeder Type Block Machine



1720 MODEL AUTOMATIC BLOCK MAKING MACHINE

Total Power	- 26.75 HP - 3 Phase
Ram Vibrator	- 900 Kg without mould (approx)
Mould Vibrator	- High Speed Heavy Vibration both side
Hydraulic System	- Hydraulic power pack
Travel Motor	- Hydraulic type
Molding Area	- 860 x 900 mm
Dimensions (L x W x H) mm	- 2400 x 2400 x 2500
Capacity	- 120 Strokes / hour

BLOCK SIZES

400x200x100(4")	16 blocks/stroke
400x200x150(6")	10 blocks/stroke
400x200x200(8")	8 blocks/stroke

MINI MULTI PURPOSE BLOCK MAKING M/C

Power	- 6 HP - 3Phase
Hydraulic Pump Motor	- 3 HP, 1440 RPM, 3Phase
Hydraulic System	- Hydraulic Power pack & cylinders
Vibrations	- 6000 HZ
Moulding Area	- 400 x 600 mm
Weight	- 1100 Kg (Approx)
Over all Dimension (L x W x H) mm	- 1220 x 1525 x 3202
Die Dimension	- 550 x 550 x 250 mm

Production Capacity	- 3 Block/stroke
Control Unit	- Control Panel

TYPES OF BRICKS

	Flyash
	Paver Block
	Solid Block

HIGH DENSITY HYDRAULIC OPERATED PAVING BLOCK MAKING M/C

Cylinder	- Cylinder manufactured specially alloyed steel
Pressing Capacity	- 75 to 100 Tons
Motor	- 7.5 HP, 3 Phase, 1440 RPM
Hydraulic Oil	- System 68-Grade, 160 Ltrs.
Production Capacity	- 40 - 50 nos / hr. (4 nos / stroke)
Over all Dimension (L x W x H) mm	- 1500 x 860 x 2080
Weight	- 2500 Kgs (Approx)





VIBRO FORMING MACHINE

Production Capacity	- 2000 Sq. ft/ 8 hrs
Power (2 Tables)	- 3 HP x 2 nos
Vibrating Table size	- 835 x 300 mm
Maximum size of the title	- 100 mm Depth (Recommended)
Movement of rubber Mould in Vibrator Table	- Due to vibration with manual Intervention
Total Weight	- 600 Kgs x 2 nos (approx)
Dimensions (L x W x H) mm	- 7860 x 925 x 1050 mm
Title Mixer	- 150 Kg / batch - 3 HP Motor - 35 rpm



FLY-ASH BRICK MAKING MACHINE (ROTARY TYPE)

Brick in One Stroke	- 2 nos	2 nos
Capacity	- 1000 – 1200 Bricks / hr	1000 - 1200 Bricks / hr
Power	- 10 HP Electric Motor	12.5 HP Electric Motor
Load	- 30 - 40 Tons	40 - 60 Tons
Standard Size	- 230 x 110 x 80 mm	230 x 150 x 80 mm
Weight	- 2500 Kg(Approx)	2950 Kg (Approx)
Pan Mixer	- 500 Kg	500 Kg
System	- Hydraulic, Automatic, Rotary Table, Three stationed	
Table Rotation	- Hydraulic Motor, PLC Controlled	
Raw Material	- Fly Ash, Iron Oxide, Lime Sludge, Quarry Waste, Etc.,	



FLY-ASH BRICK MAKING MACHINE (BELT CONVEYOR TYPE)

Brick in One Stroke	- 6 nos	12 nos
Brick in One Hour	- 1200 – 1500 nos	2000 – 2400 nos
Power Pack Motor	- 10 HP	15 HP
Pressure	- 120 Ton	120 Ton
Conveyor Motor	- 3 HP	3 HP
Brick out Conveyor Motor	- 2 HP	2 HP
Pan Mixer Capacity	- 300 Kg	600 Kg
Accessories	- Pan Mixer, Conveyor, Pallet Truck, Wheel Barrows	



VPG 720 MULTI PURPOSE BLOCK MACHINE

Operation	- Automatic, Semi Automatic, Manual
Capacity	- 400x100x200 - 5 nos / Stroke, 400x150x200 - 4 nos / Stroke, 400x200x200 - 4 nos / Stroke
Zigzag Paver	- 225x112.5x80 - 8 nos / Stroke
Brick	- 230x110x75 - 14 nos / Stroke
Time per Cycle	- 18 - 20 Sec
Pallet Size mm	- 700x550x20
Power	- 25 Kw

TYPES OF BRICKS

	Flyash
	Paver Block
	Solid Block



CLC BLOCK MAKING MACHINE

Plant Capacities	- 20 m ³ to 150 m ³ per day
Raw Material	- Cement, Fly Ash or Sand, Foam and Water
Land Requirement	- 1,500 to 10,000 Sq. Yards
Power	- 5 HP to 50 HP
Options	- Screw Conveyor, Fly-Ash Conveyor, Slurry Pump, Mould & Control Panel



Earth Rammer
Diesel Engine/Electric Motor



Needle Vibrator
Engine/Electric Motor



Portable Vibrator
Electric Instrument



Concrete Leveller
1.5/2 mtr



Power Trowel
Engine/Electric Motor



Cement Plastering
Wall/Ceiling

Wheel Barrows



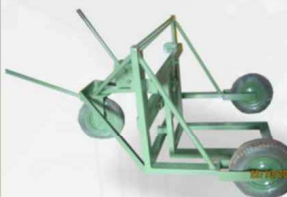
Wheel Barrows
Single Wheel



Wheel Barrows
3.5/4/5 cft Wheel Barrow



Wheel Barrows
Hollow Block Type



Wheel Barrows
Pallet Truck



Wheel Barrows
Tilting Type



Wheel Barrows
Brick Out Trolley



Groove Cutting Machine
Single/Double Drum



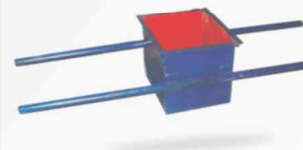
Sand Screener
Manual/Electric Motor



Sand Screener
Vibratory Type



Cube Mould



1.25 CFT Measure



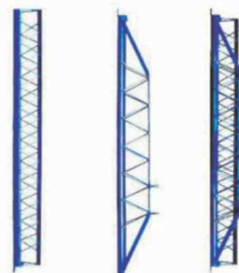
Screed Vibrator



CENTRING SHEET (ALL SIZE)



ADJUSTABLE PROP JOCKEY



TELESCOPIC SPAN



CUP LOCK SCAFFOLDING



GF 20 BENDING MACHINE



GW42/GW50 BENDING MACHINE



REBAR STRAIGHTENING MACHINE



CNC BENDING MACHINE



PORTABLE CUTTING MACHINE



GQ40/GQ50 CUTTING MACHINE



RIDE ON ROLLER



WALK BEHIND ROLLER



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