



Selling is not the end,  
But the BEGINNING of the Service.

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**NEXTGEN**  
concrete solutions

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## About Us

Whenever you use Nextgen construction equipment, you get efficient, powerful and reliable machines that help you accomplish any task within budget and on time. From Concrete Batching & Mixing Plant to Mobile Batching Plant, Asphalt Hotmix Plant to Mobile Hotmix Plant, we have the products and service support that works for you.

## Our Strength

We remain dedicated to the enduring values of integrity, high ethical standards and treating people fairly and with respect. Thus enabling us to face the challenges of the next century. Our business shall be competitive and will grow by leaps and bounds as a result of the superior advantage we derive from our conglomerate, highly capable people, technology, global market power, strong brands franchises and business practices.

## Our Quality

Quality plays a vital role at Nextgen. We have conformed to standards of quality. Regular quality inspections are conducted to ensure only best quality products for our clients.

We shall strive to enhance customer satisfaction by manufacturing products of excellent quality with customer requirement in focus and quick delivery. We shall continually improve our quality management system, customer satisfaction index and bring new technology to our customers.

## FULLY AUTOMATIC STATIC SCRAPER CONCRETE BATCHING & MIXING PLANT

**NEXTGEN** Concrete batching plants with a scraper save loader costing. Unloading of aggregates directly by trucks into partitions, the scraper feeds them fully automatically to the dosing flaps and then into the skip bucket which serves simultaneously as weigh batcher. Reversible Drum Mixing technology provides optimal output.

### Why NGS : 20-30 Stationary Scraper Concrete Batching Plant?

Compact Design ,Low Maintenance and Cost Efficient  
Easy Transportation and Fast Installation  
Manufactured For Heavy Duty Operations  
Prompt Reply For Service And Spare Parts

Reversible Drum mixing technology  
Italian screw feeder to pour cement speedily.  
No pit required only nominal civil work.  
Password locking facility.

### TECHNICAL SPECIFICATION

Specification	Value		Unit
Compacted Concrete Output	20	30	m3/hr
Batch Count	40	40	Cycle/hr
Batch Cycle	1.5	1.5	Min
Mixer Capacity (compacted)	0.5	0.75	m3
Mixer Capacity	0.75	0.9	m3
Net Consumption	56	66	HP
Boom Scrapper	Inbuilt	Inbuilt	-
Aggregate Compartments Qty.	3-4	3-4	Quantity
Aggregate Weighing	700	1100	Kg
Cement Weighing	170	300	Kg
Water Weighing	70	160	Ltr.
Additives Weighing	15	20	Kg
Cement Silo Optional	1	1	Quantity
Cement Silo Capacity	50	50	Ton



## MOBILE INLINE CONCRETE BATCHING & MIXING PLANT ( DRUM-MIXER )

**NEXTGEN** unique portable design provides quick and easy erection and reallocation and is proven to lower operational and maintenance costs, which provides increased confidence, due to minimal breakdowns. The main unit of **NEXTGEN** Mobile Batching Plants has been designed to be transported by only 1 unit truck trailer and all the units have been placed on 1 mono block chassis which has rear axle and tires.

### TECHNICAL SPECIFICATION

Specification	Value		Unit
Compacted Concrete Output	15	20	m3/hr
Batch Count	40	40	cycle/hr
Batch Cycle	1.5	1.5	min
Mixer Capacity (compacted)	0.38	0.5	m3
Mixer Capacity	0.5	0.75	m3
Mixer Motor Power	7.7	11.5	kW
Aggregate Compartments Qty.	3-4	3-4	Quantity
Aggregate Weighing	500	700	kg
Cement Weighing	150	170	kg
Water Weighing	60	70	lt
Additives Weighing	15	15	kg



## MOBILE REVERSIBLE CONCRETE BATCHING & MIXING PLANT

**NEXTGEN**- Mobile reversible batching plant is single heavy duty chasis & jack design model. Machine comes on 4 pneumatic tyres with towbar facility which makes it easy to move & shift on side. Most advance load cell based weighing system & can be used in saperate weighing bin to increase productivity.

### TECHNICAL SPECIFICATION

Specification	Value		Unit
Compacted Concrete Output	8-10	12-15	m3/hr
Batch Count	30	30	cycle/hr
Batch Cycle	2	2	Minute
Mixer Capacity (compacted)	0.4	0.5	m3
Mixer Capacity	0.6	0.75	m3
Mixer Motor Power	7.7	11.5	kW
Hydraulic Jack Motor Power	3.9	3.9	kW
Aggregate Compartments Qty.	2-3	3-4	Quantity
Material Weighing system	Digital Load cell Based Weighing System		-

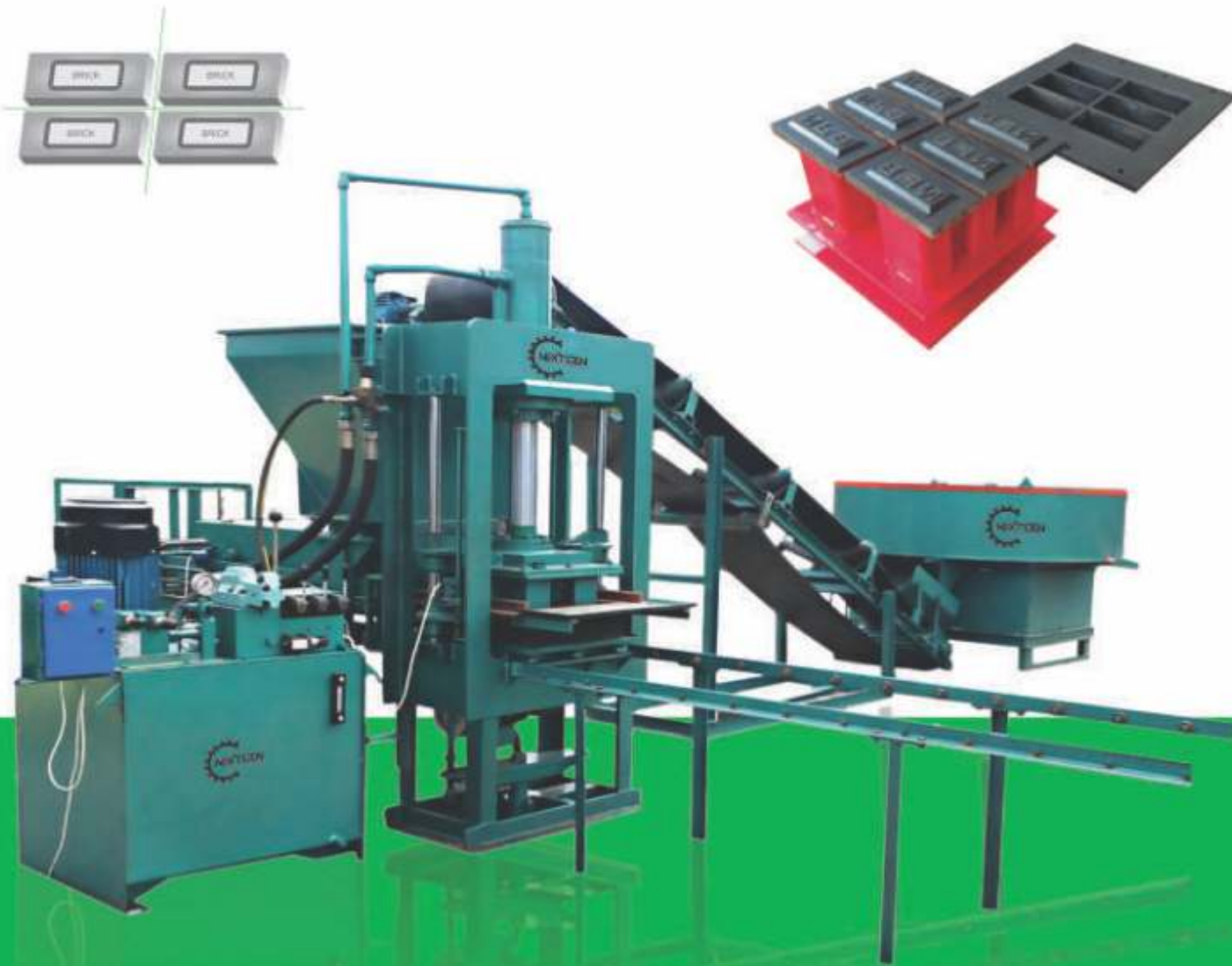


## AUTOMATIC FLY ASH BRICK MACHINE

**NEXTGEN** provide green building solutions. Fly ash bricks are made of fly ash, lime, gypsum and sand. These can be extensively used in all building constructional activities similar to that of common burnt clay bricks. The fly ash bricks are comparatively lighter in weight & stronger than common clay bricks.

### Why NGB : Automatic Fly Ash Brick Machine?

- Compressive strength is more than conventional clay brick.
- More resistant to salinity & water than conventional brick.
- More lighter than conventional brick.
- Uniform in shape, size and more durable as strength increases with passage of time.
- Less mortar consumption in masonry & saving in plastering cost.



## AUTOMATIC FLY ASH BLOCK MACHINE

**NEXTGEN** provide eco-friendly CLC block machine. Light weight blocks are produced by adding foam air bubbles into a fly-ash cement mixture. Foam generators will be used to create millions of air bubbles from foam chemical. The foam is mixed in proportion with cement, fly-ash and sand with water. The different grades manufactured on basis of strength, thermal conductivity, density & durability grades.

### Why NGBD : Automatic Fly Ash Block Machine?

- |                     |                 |                  |
|---------------------|-----------------|------------------|
| THERMAL INSULATION  | FIRE PROTECTION | WATER RESISTANCE |
| ACOUSTIC INSULATION | LIGHT WEIGHT    | COST SAVINGS     |
| REDUCTION DEAD LOAD | EASY TO USE     |                  |



# ASPHALT DRUM MIX PLANT

NEXTGEN offers stationary & mobile continuous type parallel flow Asphalt Drum Mix Plant for producing quality hotmix for flexible pavement construction. The ingredients of the hotmix, in required proportion, are continuously fed to the rotating drum in drying & mixing zones and the discharge end of the drum delivers continuous output of the hotmix.

## Why NGH-15-120 ASPHALT DRUM MIX PLANT?

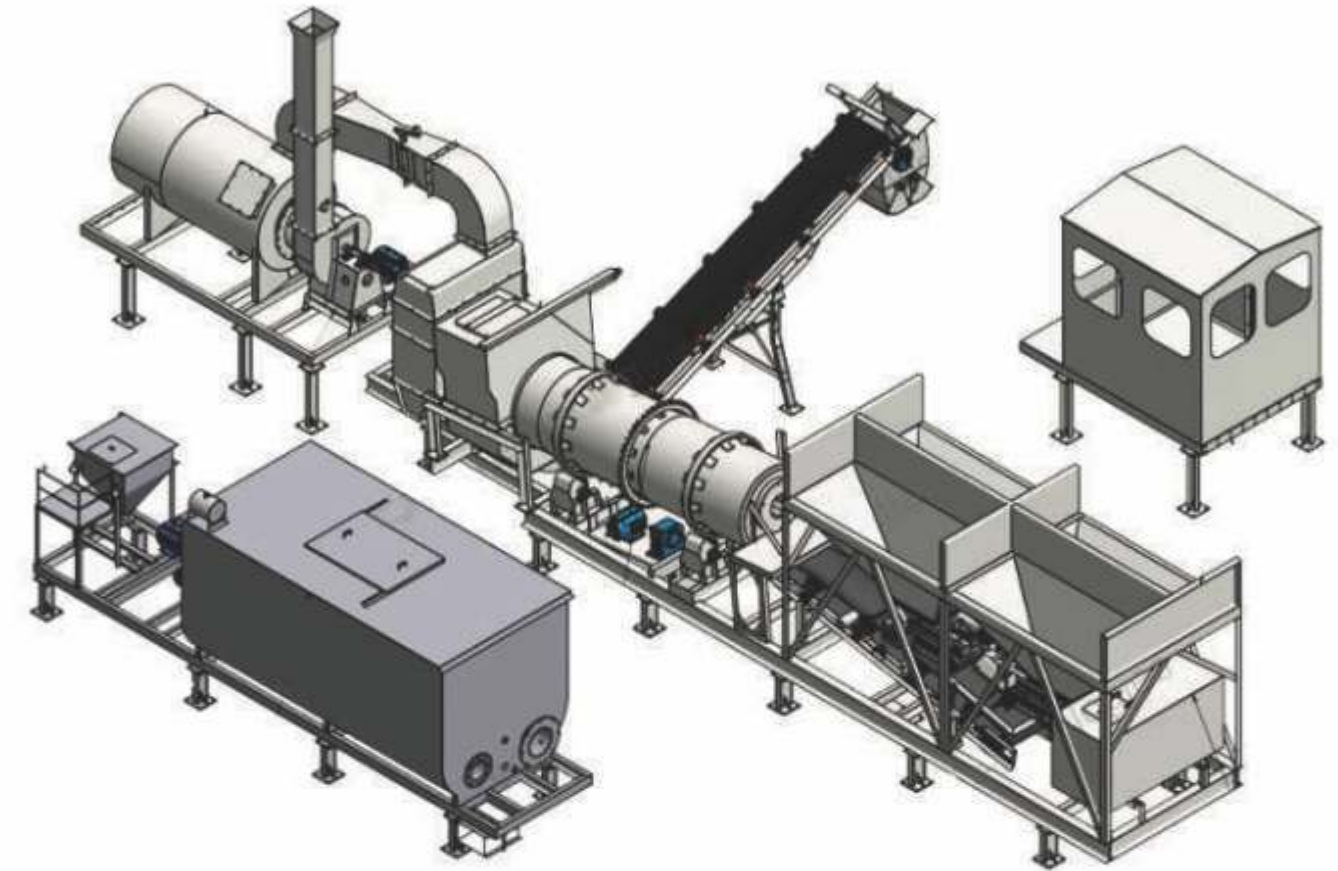
Built on a rugged and strong structure - suitable for rough operating conditions.  
High efficient multi fuel burner for the drying and mixing drum is provided.  
Thermally insulated drying drum.  
Minimum civil work required to be done at site.  
We do use standard materials in the manufacturing.  
Ease of access for fast maintenance helping you to achieve maximum productivity.

Also available with wet dust collector in place of bag house filter for countries where pollution control norms are not stringent.  
Cheapest spare parts in the industry.  
User friendly PLC control panel provided with option to store various types of hotmix recipes with possibility to change the recipes frequently.

### Capacity Asphalt Mixing Plant

15 to 20	20 to 30	45 to 60	60 to 90	90 to 120
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# TECHNICAL SPECIFICATION



## Monkey Hoist

Jib Working	7.5 Feet
Load Capacity	500 Kg
Movement	360° degree
Motor	7.5 HP
Bucket	One
Wire Rope	70 Meter



## Winch Machine



## Suspended Platform



MODEL	ZLP800
Platform size	2.5 mts x 3 = 7.5 Meter
Material of platform	Aluminum/Steel Platform - Hot Galvanized
Balance Weight	1000 kg
Rated load	800 kg
Ascend Speed (working speed)	9-11m/min
Wire rope	4x31 Sw -FC: 9.1
Wire rope Size	9 mm
Wire rope Length	100 Meter
Structure Weight Approx.	800- 900 kg
Counter Weight	1000 kg
Rated Lifting force	5 KN
<b>ELECTRIC MOTOR</b>	
Power	1.8 kW x 2
Voltage	AC 415 V 3 phase
(According to Indian Standards)	
Breaking	15 NM
Safety lock	Tilt proof safety lock (2 No's)
<b>SUSPENDED MECHANISM</b>	
Height Adjustment	1.15 - 1.75 m
Front Beam extension	1.1 - 1.7 m



# Rebar Processing Machines



## Bar Cutting Machine

for 6 mm to 40 mm

Model	GQ-50	
Diameter of cut steel bar	≤ Ø 40 mm	≤ Ø 32 mm
Frequency of shock cutting	28 times/min	32 times/min
Motor power	6 HP, Voltage : 415V	4 HP, Voltage : 415V
Rotation speed of motor	2880 r/min	2880 r/min
Total weight	550 Kg	400 Kg



## Rebar Bending Machine

for 6 mm to 40 mm

Model	GW-50	GW-42
Bending rebar diameter	≤ ø 40 mm	≤ ø 32 mm
Plate diameter	360 mm	360 mm
Bending speed	10-15 r/min	10-20 r/min
Motor power	6 HP, voltage : 415V	4 HP, Voltage : 415V
Motor speed	1440 r/min	1440 r/min
Weight	430 kg	320 kg



## Rebar Threading Machine

for 16 to 40 mm

Rebar Diameter	16 To 40 mm
Motor Power	6 HP, Voltage: 415V
Speed	40-62 r/min
Main shaft speed	80 mm
Thread Pitch	3.0
Net Weight	430 kg



# Mixer Machine



## Two Channel Lift

Type	II Channel Lift Mixer
Unmixed Capacity	280 Ltr. (10 cu.ft)
Mixed Capacity	200 Ltr. (7 cu.ft)
Drum Speed	22-25 rpm
Working Height	60 ft.
Motor	7.5 HP, Voltage 415V
Drum Gear	95T (Single Ring), Pinion-12T



## Mechanical Hopper

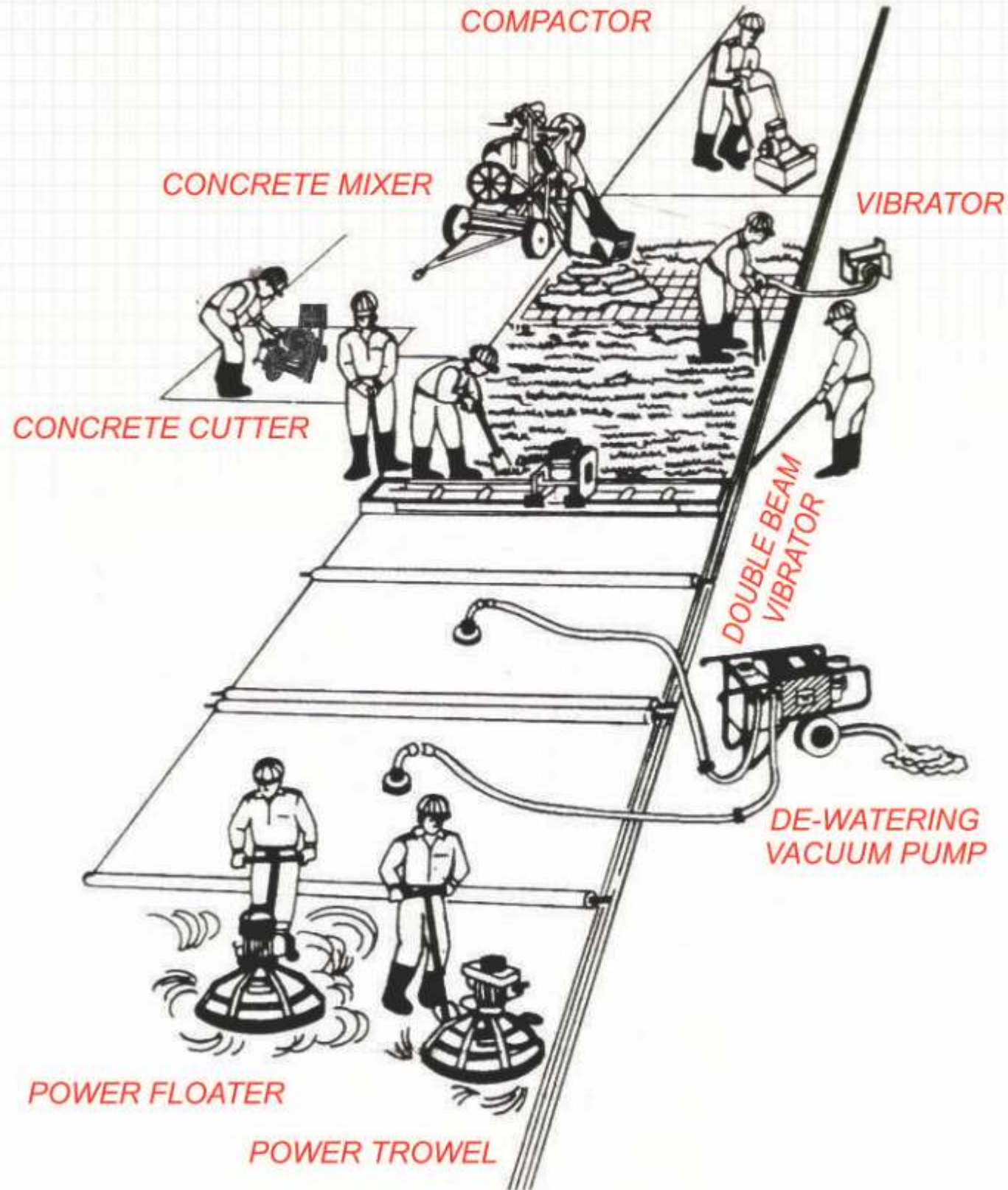
Type	Mechanical Hopper
Unmixed Capacity	310 Ltr. (11 cu.ft)
Mixed Capacity	224 Ltr. (8 cu.ft)
Drum Speed	22-25 rpm
Hopper Lifting	Mechanical
Motor	7.5 HP, Voltage 415V
Wire Rope	12mm

## Mixer Machine

Type	II Channel Lift Mixer
Unmixed Capacity	280 Ltr. (10 cu.ft)
Mixed Capacity	200 Ltr. (7 cu.ft)
Drum Speed	22-25 rpm
Motor	5 HP, Voltage 275V
Drum Gear	95T (Single Ring), Pinion-12T



# Trimix Machine



Compactor



Concrete Cutter



Power Floater



De-Watering Vacuum Pump



Truss Paver Screed



Double Beam Vibrator