



Ultra High Strength
Consistent
Customised Concrete



MOBILE BATCHING PLANT WITH MOBILE CONCRETE PUMP

FOR PRECISE CONCRETE CONSTRUCTION

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ABOUT US

Most important for any structure, be it, industrial, commercial, residential, hospital, school etc. is that, it should last for the next generation which is only possible with consistent concrete of high quality and ultra high strength. Consistent products makes you feel safe and will last forever.

VISION

To be recognized as a leader in manufacturing of Mobile Concrete used to construct your dream home.

MISSION

To manufacture and supply high quality Fresh Concrete to give a whole new definition of strong construction.

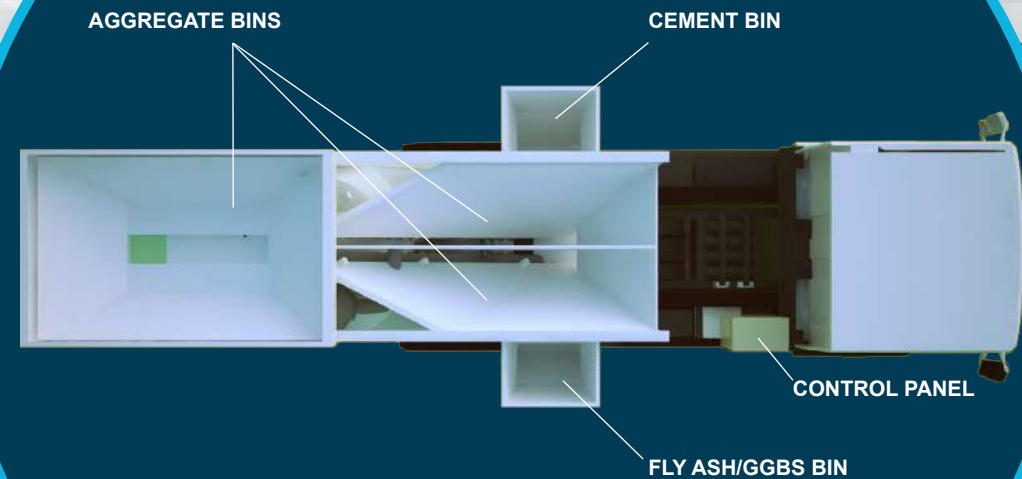
VALUES

We believe in keeping ourselves ahead of the time and churn out something new in the field of construction. To push our trained staff who are backbone of our successful company and bring out the best in the changing scenario of construction.

MOBILE BATCHING PLANT

A fully automated mobile concrete plant is affixed on a truck equipped with axle and tires which is designed to bridge the gap between the requirements of big and small projects. While the existing large size plant requires Transits Mixture, Concrete admixtures and large quantity minimum orders, the new plant will serve the small and large projects both at a very low cost as well as higher strength.

The whole mechanism consists of storage bins, turbo pan mixer, cement, Fly Ash, GGBS, water, and additive weighing hoppers. The Truck Mounted Plant is easy to install and will be ready to work within 5 minutes saving time and cost.



TOP VIEW

Allows to kick start the work at project site within few minutes.



Only hard soil is sufficient for operating the plant.



Production of concrete for multiple sites can take place at the same day.



Comes with inbuilt water and additive tank



Compact design which is easy to transport and maneuver.



Only key essentials are- electric power supply, water piping, and aggregate feeding.



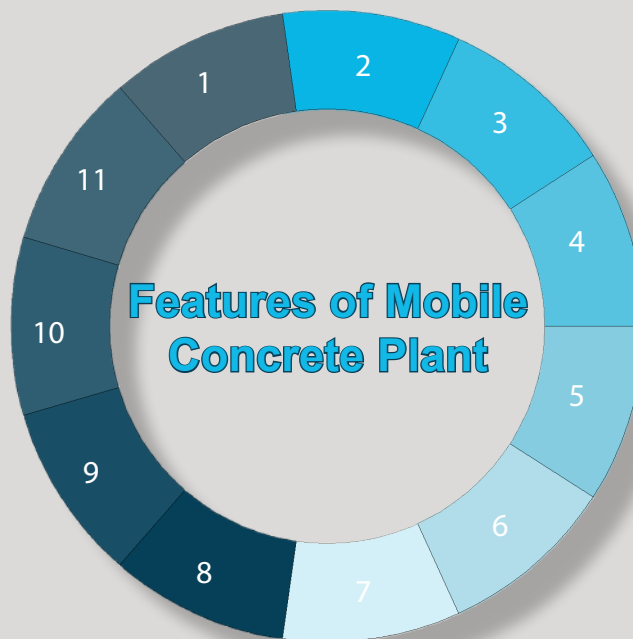
Enables to save time and cost.



Allows you to use the resources judiciously as minimum required concrete can be produced.



Features of Mobile Concrete Plant



SCADA with cloud report.



Touch screen enabled with provision of USB and data back-up.



Equipped with digital displayed control panel and integral computerized batch controller which accommodates multiple mix recipes.



MOBILE CONCRETE PUMP FOR HIGH-PRESSURE DELIVERY

The German mammoth **Putzmeister** produced MOLI is mounted on the Truck. MOLI allows you to get high pressures delivery even with short pours in a cost effective manner. The advanced mechanism is simple to operate. It is mobile and can be set up instantly which makes it immediately ready for other jobs at same project or move to next project.



FEATURES OF MOBILE CONCRETE



Lower cost of concrete.



Easy to transport & maneuver



Ultra Higher strength of concrete



No delays and additional set up time required



Quick & easy installation



High Pressure Concrete Pump (up to 25th floor)



Transparency in concrete quality and mix design



Easy to operate with no special training.



WHAT IS CONCRETE ?

Concrete is usually made up from cement mixed with Sand, aggregates and water. When mixed together the aggregates (sand & stone) and water interact with the cement in a reaction called hydration. This matrix of materials soon begins to harden and will ca.

ORDINARY GRADE OF CONCRETE

GRADE OF CONCRETE AS PER IS : 456.2000

M10 CONCRETE

Concrete Gradea	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 10	1 : 3 : 6	10 MPa	101.97 Kg/cm ²

M10 is a very popular mix used in domestic and commercial construction. This concrete is generally used for non-structural construction elements like patio slabs and pathways.

M15 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 15	1 : 2 : 4	15 MPa	152.95 Kg/cm ²

An ideal concrete mix for floor blinding and kerb mix.



STANDARD GRADE OF CONCRETE

M20 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 20	1 : 1.5 : 3	20 MPa	203.94 Kg/cm ²

Concrete at this strength is often applied on domestic floors and foundations where the weight of overall structures on the concrete will be lighter. M20 is ideal for domestic workshop and garage bases as well as driveways and internal floor slabs.

M25 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 25	1 : 1 : 2	25 MPa	254.92 Kg/cm ²

A multi-purpose concrete that is used on a wide range of commercial and domestic construction sites. M25 is often used when pouring foundations (footings). It is also the ideal concrete for domestic slab foundations for house and bungalow floors.

M30 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 30	Design Mix	30 MPa	305.91 Kg/cm ²

As a stronger mix M30 is very durable and can resist climate changes and heavy weathering. Ideal for construction industry containment areas such as yards and farms which heavy vehicles will be driving on regularly.



STANDARD GRADE OF CONCRETE

M35 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 35	Design Mix	35 MPa	356.90 Kg/cm ²

A structurally strong, heavy use mix that is ideal for commercial structures and sites that will need to withstand heavy use. It is commonly used for structural piling and creating external slabs and walls. Other uses commercial slabs, beams and columns including metal section and reinforcement composite structure.

M40 CONCRETE

Concrete Grade	Mix Ratio	Compressive Strength after 28 days	
		MPa(N/mm ²)	Kg/cm ²
M 40	Design Mix	40 MPa	407.88 Kg/cm ²

M40 is a strong grade of concrete that is mostly used on commercial construction sites, where it will be utilized to create foundations and beams for support and roads. M40 is also used in chemically harsh environments where the additional strength can combat & M45, M50, M55 are also available.

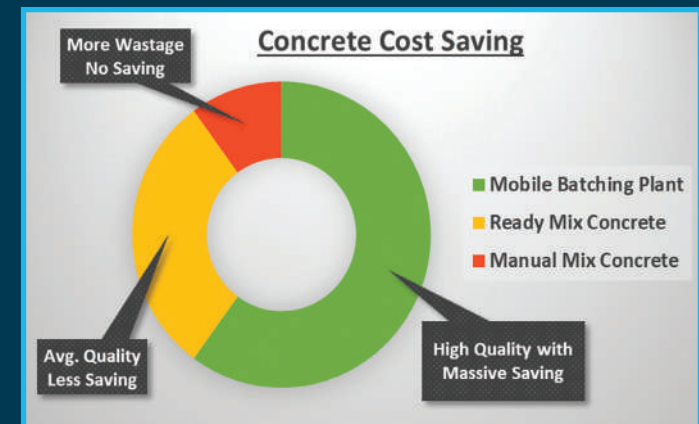
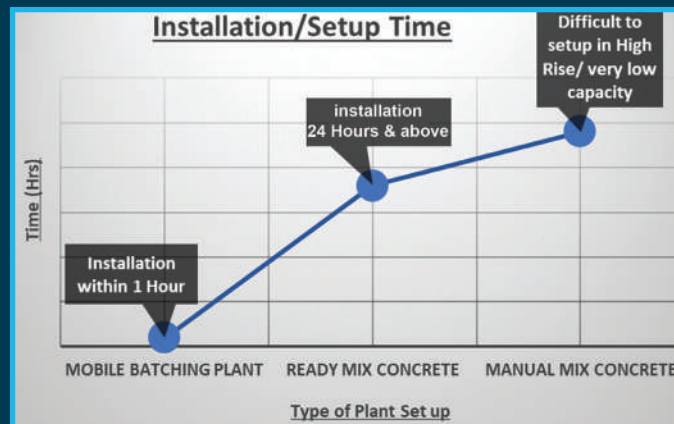
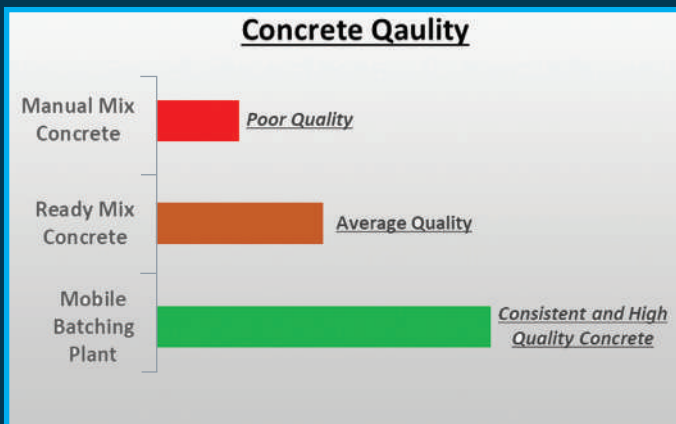
HIGH STRENGTH GRADE OF CONCRETE

M60 AND ABOVE



MOBILE CONCRETE V/S RMC

ATTRIBUTE	MOBILE CONCRETE PLANT	READY MIX CONCRETE PLANT
SIZE	Small and Compact	Large in size
TYPE	Mobile and can be taken anywhere at the project site	Fixed at a place
REQUIREMENT	Meets both large and small requirements	Meets only large requirements
COST	Economical setup	Costly setup
MAINTENANCE	Economical maintenance	High maintenance cost
QUALITY	High assurance of quality as you can witness the procedure	Less assurance of quality
OUTPUT	Large options available in customised formulations	Limited type of mixtures are available
WASTAGE	Zero wastage as you can produce concrete material in smaller quantities	Can expect some wastage
STRENGTH	It can be made instantly which enhances the concrete strength as compared to the static plant	Concrete strength is affected as it must be used within 3 hours of production





1. What is a Mobile Concrete?

Ans. A volumetric mixer is a batch plant on wheels. All the materials needed to produce concrete are carried in separate compartments and mixed together on-site as needed. Thus, the term mobile concrete was born. With volumetric mixers, you only pay for the amount that you use after the minimum requirements are met.

2. What causes the shortages in supply of Ready Mixed Concrete?

Ans. Stationary RMC plant have large capacity but some time they can't supply continuously due to long travelling time but in mobile RMC we can get continuous supply. Miscalculation of form volume or slab thickness when actual dimensions exceed the assumed dimensions by even a fraction. Deflection of the formwork.

3. How can I ensure sufficient supply of Ready Mixed Concrete?

Ans. Measure formwork accurately & order sufficient quantity to finish the job. For large pours, include an allowance of about 2% over planned dimensions to account for wastage & potential increased thicknesses.

4. How do I ascertain the quality of Ready-Mix Concrete?

Ans. Only after exhaustive laboratory and plant trials the ready mixed concrete mixes are supplied, to ensure good quality, incoming raw materials are regularly tested.

5. What is flowable fill?

Ans. Flowable fill is a self-compacting low strength material with a flowable consistency that is used as an economical backfill. It is a self-leveling material.

6. How mobile concrete can help to customers?

Ans. Eliminate complaints about shortages and overages by mixing fresh on-site in the amount required. Handle short loads, emergencies or weekend jobs with a mixer that is flexible and can be used for any size job on short notice.

7. What Kind of Proportioning System do Mobile Concrete Mixers Use?

Ans. Measuring (or proportioning) by weight loadcell system and the final product is capable of accuracies better than +/- 2%. Materials are stored in separate bins and based on the mix design are proportioned into the mix; this enables the operator to mix on-site exactly what is needed eliminating overages and shortages. Proportioning gives the operator control over the mix design and how much is mixed.

8. Why truck mounted mobile concrete plant is quicker?

Ans. Ready to run without any foundation and commissioning, which can save installation and commissioning time.

APPLICATION AREA



FLY OVERS CONSTRUCTION PROJECTS

For a large project, outsourcing concrete production to ready-mixed concrete suppliers means delegating the quality control and testing, material logistics and supply chain issues, and mix design, to specialists who are already set up for those tasks, trading off against introducing another contracted external supplier who needs to make a profit, and losing the control and immediacy of on-site mixing.

METRO RAILWAY CONSTRUCTION

Volumetric mixers can seamlessly change all aspects of the mix design while still producing concrete, as long as the raw materials are on site.



ATOMIC POWER PLANT

Batch plants combine a precise amount of gravel, sand, water and cement together by weight, allowing specialty concrete mixtures to be developed and implemented on construction sites.

HIGH RISE BUILDING

Ready-mix concrete, or RMC as it's also known, refers to concrete that is specifically batched or manufactured for customers' construction projects, and supplied to the customer on site as a single product but it delegating the quality issue and supply chain issues with mobile mix concrete plant. We get on-side mixed fresh concrete with high quality.



and many more.....



OUR ESTEEMED CLIENTS



Go Further



OUR ESTEEMED CLIENTS



GODREJ GARDERN CITY
AHMEDABAD



Vijay & Company



R.J CONSTRUCTION

MARUTI DEVELOPERS



B.R. STEEL

INSPIRED BY
PERFECTION

SUNDARAM BUILDCOM PVT. LTD

GANESH CONSTRUCTION

and many more.....



SARDAR PATEL CRICKET STADIUM
MOTERA, AHMEDABAD, GUJRAT



DHOLERA SMART CITY
DHOLERA, AHMEDABAD, GUJRAT



GUJRAT INTERNATIONAL FINANCE TEC - CITY
GANDHINAGAR, GUJRAT

OUR OTHER PRODUCTS



FLY ASH BRICK
SIZE-225X90X75mm



FLY ASH BRICK
SIZE-225X100X75mm



FLY ASH FROG BRICK
SIZE-225X100X75mm



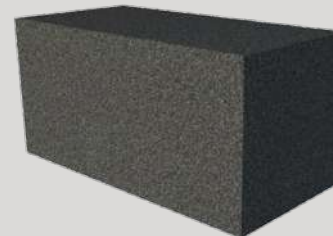
FLY ASH FROG BRICK
SIZE-230X110X75mm



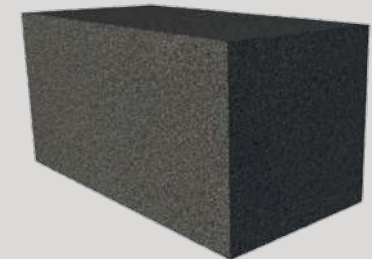
SOLID BLOCK
SIZE-390X190X90mm



SOLID BLOCK
SIZE-400X200X150mm



SOLID BLOCK
SIZE-390X190X190mm



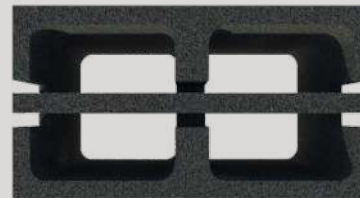
SOLID BLOCK
SIZE-400X200X200mm



HOLLOW BRICK
SIZE-230X110X112.5mm



HOLLOW BLOCK
SIZE-390X190X90mm

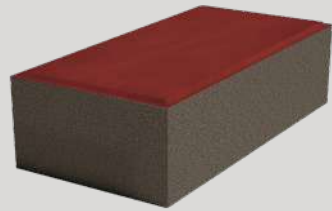


HOLLOW BLOCK
SIZE-390X190X190mm



THERMAL INSULATION

OUR OTHER PRODUCTS



RECTANGULAR PAVER
SIZE-200X100X60mm



RECTANGULAR PAVER
SIZE-200X100X80mm



RECTANGULAR PAVER
SIZE-200X100X100mm



UNI PAVER
SIZE-225X112.5X60mm



UNI PAVER
SIZE-225X112.5X80mm



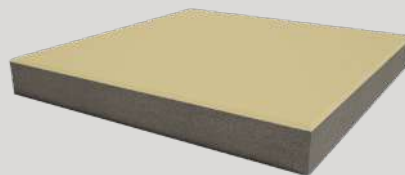
BIG RECTANGULAR PAVER
SIZE-300X200X60mm



BRADSTONE PAVER
SIZE-275X100X60mm



BIG SLATE PAVER
SIZE-550X275X60mm



BIG SQUARE PAVER
SIZE-550X550X60mm



KERBSTONE
SIZE-300X390X150mm



Head Office :

Kankaria Concrete

9A, Esplande East,
Near Esplande Post office
2nd Floor,
Kolkata - 700069
Ph: + 91 9978601839

Sales & Marketing Office :

Kankaria Concrete

A 701, Privilon, Ambli - Bopal Road,
Iscon Crossroads, Behind Iscon Temple,
Ahmedabad, Gujarat 380059

Ph: + 91 9978601884
+ 91 9978601839
+ 91 7990775090

E-mail: info@kankariaholdings.in
website: www.kankariaholdings.in

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Note: Above specifications are applicable for standard products. Other specifications are also available as per customer requirement. Actual weights and dimensions may vary.