

NO DEMAND IS TOO BIG.



Innoven Crusher Division

Innoven RMC Division

Strength



BATCHING PLANTS

Supply

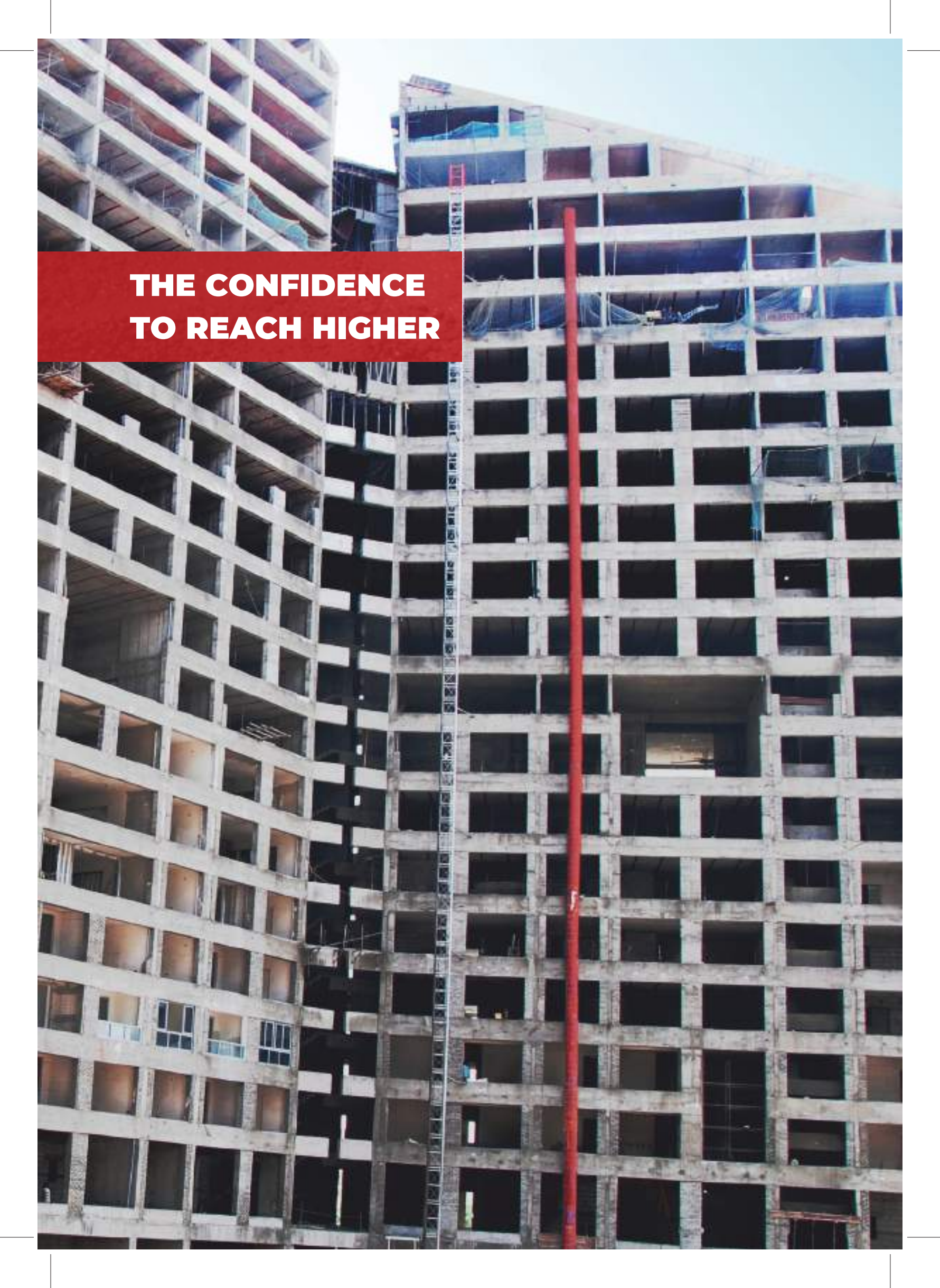


TRANSIT MIXER

Support.



CONCRETE PUMPS

A photograph of a tall building under construction. The building features a prominent grid-like concrete frame with many rectangular openings. A red vertical pipe runs along the side of the building. A ladder is visible on the left side of the building. The sky is clear and blue.

**THE CONFIDENCE  
TO REACH HIGHER**

INNOVEN Ready Mix Concrete is about building confidence. What we offer is not just a concrete mix, but the concrete confidence that your finished project be it residential or commercial in nature, will reach its fullest potential. What sets us apart is our commitment to maintaining consistent quality across our products coupled with exceptional customer service in all aspects. By cultivating the right quality in concrete, we guarantee our consumers the peace of mind and confidence to expand further and reach greater heights.

Every component that goes into making INNOVEN Ready Mix Concrete is sent through an extensive quality check. How we ensure excellent results each and every time, is by backwards integration processes to source raw materials of the highest quality. The brand utilizes a fully automated manufacturing process that complies with international standards and is supported by Grade-A laboratory facilities at each plant to produce technologically advanced concrete solutions tailor-made to customer specifications.

With a service presence that spans across the Pune, through our ever growing transportation fleet, we guarantee solutions in time for unparalleled efficiency. We give you the confidence of getting the right amount of the correct concrete mix, right on time at your site. Keeping our service offering unique in order to add value to your efforts, has always been one of our strongest suits. Our engagement with clients, engineers, sub-contractors and consultants focuses on building trusted partnerships that are unmatched in the industry.

INNOVEN Ready Mix Concrete is the trusted choice for building projects big and small, that redefine Pune's construction industry. We are the strength behind key projects from iconic structures gracing city skylines, to landmark bridges and highway networks; proof of our ability to deliver cost effective solutions of the highest standards.

We are humbled by the trust our clients have placed in us and strive every day to live up to our promise. Our ethos is to ensure that every step of our process adheres to international levels, resulting in a superior product.



Much like the concrete that goes into building structures, our reputation too is seen in the structures that stand tall and grace the urban landscape of developing India. Those who trust in the strength of concrete, trust in our strengths.



# WHAT IS READY MIX CONCRETE?

Due to a number of benefits compared to conventional methods used to make concrete (hand mixed & site mixed concrete) today, Ready Mix Concrete is widely preferred, especially by construction industry experts and even home-builders.

Ready Mix Concrete comes with a host of benefits in comparison to hand/site mixed concrete:

Concrete, as we all know is a mixture of cement, water and aggregates comprising of sand and crushed stone. Ready Mix Concrete (RMC) is concrete that is manufactured in a batching plant according to a set formula ratio (called a mix design), and then delivered to your work site in trucks, mounted with in-transit mixers. Ready Mix Concrete is:

## Superior in Quality

| Quality           |                                                                                                   | Hand/Site Mixed | Ready-Mix |
|-------------------|---------------------------------------------------------------------------------------------------|-----------------|-----------|
| Material Quality  | No storage contamination of raw materials                                                         | ★               | ★★★★      |
|                   | Guaranteed accuracy in mixing quantities of raw material                                          | ★               | ★★★★      |
| Process Quality   | Consistency of the concrete mix                                                                   | ★               | ★★★★      |
|                   | Range of expert developed mix designs to suit the requirement                                     | ★               | ★★★★      |
|                   | Efficiency & less probability of human error (due to automated mixing process)                    | ★               | ★★★★      |
|                   |                                                                                                   | ★               | ★★★★      |
| Quality Assurance | A range of quality checks at different stages conducted by experts at advance checking facilities | ★               | ★★★★      |

## Convenient

| Quality           |                                                                      | Hand/Site Mixed | Ready-Mix |
|-------------------|----------------------------------------------------------------------|-----------------|-----------|
| Space Requirement | No storage required for raw materials                                | ★               | ★★★★      |
|                   | No area required for concrete preparation                            | ★               | ★★★★      |
| Ease of Handling  | Pumping ability across heights & distances                           | ★               | ★★★★      |
|                   | Maintenance of site cleanliness                                      | ★               | ★★★★      |
|                   | Just-In-Time delivery                                                | ★               | ★★★★      |
|                   | Less co-ordination between multiple suppliers(material, labour etc.) | ★               | ★★★★      |
|                   |                                                                      | ★               | ★★★★      |

## Environment - Friendly

| Quality              |                                                                               | Hand/Site Mixed | Ready-Mix |
|----------------------|-------------------------------------------------------------------------------|-----------------|-----------|
| Resource Consumption | Economic usage of raw material, results in saving natural resources           | ★               | ★★★★      |
|                      | Reduction in wastage                                                          | ★               | ★★★★      |
| Environmental Impact | Less dust pollution due to usage of bulk cement instead of bagged cement      | ★               | ★★★★      |
|                      | Less noise and air pollution due to less consumption of fuel (petrol/ diesel) | ★               | ★★★★      |

## Time & Cost Effective

| Quality |                                                       | Hand/Site Mixed | Ready-Mix |
|---------|-------------------------------------------------------|-----------------|-----------|
|         | Less labour, site supervision, energy & wastage costs | ★               | ★★★★      |
|         | Less dependency on labor & occurrence of human error  | ★               | ★★★★      |
|         | Speed of construction & high efficiency               | ★               | ★★★★      |
|         | Less time, effort & cost of site cleanup              | ★               | ★★★★      |



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### **Why choose INNOVEN Ready Mix Concrete?**

As one of the leaders of the industry, we at INNOVEN believe in continuous innovation and development, in order to offer the best solutions for your construction requirements. Having deployed world-class practices to sharpen our operational excellence, we are continuously improving our production capabilities to bring you more technologically advanced solutions adopted by leading construction firms across the globe.

With over decades of expertise, INNOVEN Ready Mix Concrete is supplied to various construction sites in and around Pune, enabling them to expand their construction capabilities to stand the test of time. INNOVEN Ready Mix Concrete is proud to be the trusted choice of leading construction firms and building consultants, not only for local projects but also for multinational collaborations that have redefined the country's construction landscape. On many fronts, we have been amongst the few suppliers, with the ability to meet some of the demanding standards set by international developers behind landmark construction projects in and around Pune.

**Our strengths have been identified under three main categories which ensure the quality, workability, strength and durability of INNOVEN Ready Mix Concrete.**

#### **Our Raw Material Components**



#### **Our People & Processes**



#### **Our Batching Plants & Equipment**



**QUALITY ABOVE  
ALL ELSE**



Ready Mix Concrete is a versatile material that can be used for all types of concreting requirements such as:



High Rise Buildings



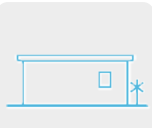
Highway



Bridges



Houses



Slabs



Flooring



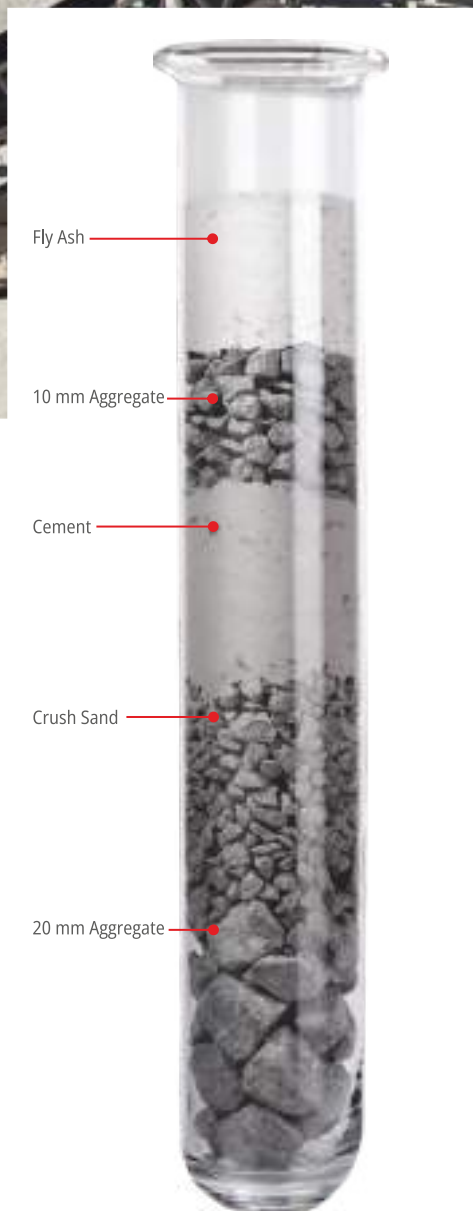
Driveways



Sidewalks



# THE RAW MATERIAL COMPONENTS



INNOVEN, is city's one of the few integrated Ready Mix Concrete brand, having total control over entire production process, right from aggregate and sand produce at its own quarry.

Every concrete solution we produce is made using highest quality raw materials with BS882, BS1881 and SLS1 07 certification, continuously tested and sourced from trusted suppliers. Manufacturing is done in PLC controlled concrete mixing batching plants, equipped with state-of-the-art machinery. The superiority of the concrete thus produced is assured further, by following an ISO 9001 certified concrete batching process.

## Innoven Crushing Plant at Pune, Lonikand.



**CEMENT**

Our commitment to use cement only from National Brands like Birla Shakti, Vasavdatta Cement, the certified leaders of the cement market, is what assures INNOVEN Ready Mix Concrete consistent quality. We procure fresh batches of cement, transported through Cement bulkers, assuring zero-man handling and maintaining the manufactured quality of cement.

This branded cement made with clinker especially designed for high rise buildings, including super-structures.

This has enabled INNOVEN to successfully produce the ultra-high strength grade concrete like M-55 & M-60



**AGGREGATE & SAND**

INNOVEN Ready Mix Concrete uses aggregate and sand produced from rocks at its own quarry. World renowned Sandvik brand make, stone crushing set up assures the aggregate with defined size and quality, ultimately helps concrete to maintain its quality.

Manufactured sand and coarse aggregate also enables us to standardize the particle sizes to further optimize the mix.



## THE PEOPLE & THE PROCESSES



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To ensure that we deliver on our promise, we employ a range of quality control mechanisms, from supplier plant evaluations to close-frequency testing of raw materials all the way up to final product prototypes. All our batching plants are accompanied by hi-tech concrete formulating and testing laboratories, to provide unparalleled transparency into what we produce and deliver to you.

### **Skilled & Qualified Staff**

Our plants are manned by qualified professionals with a deep understanding of the product. Technical graduates function as quality controllers and are in charge of maintaining consistent quality in the concrete we provide.

### **Automatic Data Logging System**

All INNOVEN Ready Mix Concrete plants are fully automated with report generation facilities, which gives us the ability to trace back each and every batch of concrete produced. Minimizing manual intervention also helps us guarantee the consistency in our mix designs during the entirety of a project, whether large or small.



### **Lean Manufacturing Process**

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We follow a Lean Manufacturing Process for manufacturing which helps us to reduce wastage and increase productivity. Reducing waste during the manufacturing process has minimized our carbon foot print, making us the most environmental friendly option in the market.

### **INNOVEN Ready Mix Concrete**

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Also believes in encouraging out-of-the-box thinking and keeping abreast with global trends in concreting technologies to keep re-engineering our solutions and meet dynamic demands.

### **Ethical Business Practices**

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INNOVEN Ready Mix Concrete is one of the batching plant that issues mixing data reports and weigh bridge reports of concrete weight to customers. This allows them to check whether the required volume of concrete is sent to the site. Combined with good business practices to ensure quality, this signifies INNOVEN READY MIX's commitment to ethical business practices.

# THE PEOPLE & THE PROCESSES



## Technologically Advanced Laboratory Testing

Intermittent batches of INNOVEN Ready Mix Concrete undergoes a series of tests at three different stages of production, in order to ensure the quality, workability, strength and durability of the concrete is consistently maintained at required levels.

All our Ready Mix Concrete plants are equipped with modern laboratory and testing facilities which are handled by skilled technicians to maintain strict quality control. Further, frequent batch of INNOVEN Ready Mix concrete goes to independent third party test lab for qualitative check and analysis, against predefined parameters. These reports are submitted to client.



### Material Testing

#### Cement

Blaine (Surface Area) Setting Time  
(3rd Party)  
Fly Ash Fineness Flow (3rd Party)  
Characteristics Particle Size  
Chemical Analysis (3rd Party)  
Compressive Strength  
Initial and final setting time  
Fineness test (by dry sieving)  
Consistency  
Density

#### Aggregate Materials

Sieve Analysis  
Bulk Density & Voids  
Impact Value & Crushing Value  
Flakiness Index &  
Elongation Index  
Specific Gravity & Water Absorption  
Fineness modulus (in fine aggregate)  
Determination moisture content in  
aggregate  
Silt content of fine aggregate

#### Fly Ash

Fineness by dry sieving 45 min.  
Fineness by wet sieving



### Fresh Concrete Testing

Slump  
Flow Table  
V-Funnel Test

#### Admixture Test

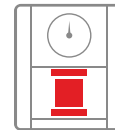
Density

#### Pumpable Mix Design

Slump cone test  
Yield of concrete

#### Self Compacting Mix Design

Flowability test (Flow table)  
L-Box test  
Segregation resistance  
Viscosity (V- funnel test)



### Final Concrete Testing

Compressive Strength Test  
(2000 KN Machine)

# THE BATCHING PLANTS & EQUIPMENT





# THE BATCHING PLANTS & EQUIPMENT



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The fully automated manufacturing process is monitored via a state-of-the-art software system, that takes care of mixing the right quantities of the right material for guaranteed consistency. Furthermore, we are equipped with weigh-bridges which can generate verifiable weight records to ensure the accuracy of material input.

Cement and fly ash is stored separately to prevent material contamination that can impact the mix design. All plants are supported by backup generators to ensure an uninterrupted power supply which is mandatory during large scale batch processing.

What sets us above the board is our fastest growing and farthest spread supply serviced by the largest fleet of concrete mixing trucks and stationary pumps, reaching all parts of the Pune city. Comprising of stationary pumps, our fleet also includes over 20 transit mixers with special insulated drums to transport temperature controlled concrete to various sites.

We are proud of our increasing strong supply fleet which provides an unmatched advantage to builders, introducing just-in-time delivery on site.



### INNOVEN QUALITY POLICY

Our passion is to deliver '**Quality**' and '**Durability**' in the sphere of concrete construction through superior products. We always use **good/correct quality raw materials and technology** for our products and conform to regulatory and ethical business standards. We maintain a high level of **reliability of our machinery** to satisfy customer needs effectively whilst functioning in an **environmentally friendly manner**. Our **staff is trained** to be technically sound and offer a committed service to clients. We strive to create a **Lean Manufacturing environment** to optimize profitability. In order to achieve these in a continually improving manner we operate our business in line with best industry practices of Quality Management System.

## THE REACH & DELIVERY

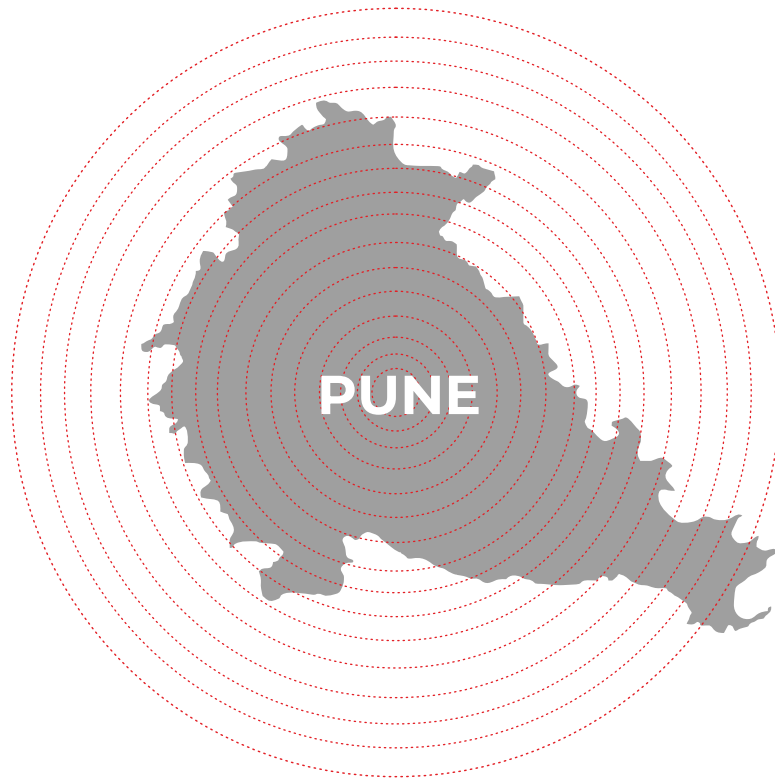




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With one of the largest capacity Ready Mix Concrete batching plant network in Pune city, INNOVEN Ready Mix Concrete can be delivered & reached to work sites of any scale in and around city. That's not all, INNOVEN Ready Mix Concrete is backed by a 24x7 sales and support hot line placing our solutions and our consultancy, right at your fingertips.

Total Supply Capacity up to **700m<sup>3</sup>/day**



#### **A glimpse of our Ready Mix Concrete batching plant complex -**

Our signature Ready Mix Concrete batching plant complex at Hadapsar - Pune, caters to a wide range of small to large scale construction projects. The batching plant is capable of providing a range of complex mix RMC designs and customized RMC designs according to your requirement. with a staggering output capacity up to 700 cubic meters of concrete per day (m<sup>3</sup>/day).

- 1 Plant with capacity of up to 700 m<sup>3</sup>/day
- 3 Stationary pump with up to 90m pumping
- 20 transit mixers
- High capacity water storage tanks.
- Standby Gen-sets for uninterrupted power
- 2 Wheel loaders
- Fully equipped test lab including 2000 kN compressive strength machine
- Weigh bridge 60 tons



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