



Dattaprasad
RMC & INFRASTRUCTURE PVT. LTD.



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Dattaprasad is a professionally managed company dedicated to provide innovative premix concrete solutions with high utility values to the construction and infrastructure industry.

We are the group of professionals having versatile experience of about 3 decades in all types of construction & infrastructure project management. We have successfully completed more than 3,00,000 square feet of construction.

We are committed to deliver values which ensures complete satisfaction to our esteemed customers.



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QUALITY | TRUST | SERVICE

Why Choose Us?

Quality

Following all the standard operational procedures along with high quality inputs like cement, sand, water, chemical admixtures, we make sure they are pre-tested and quality assured which guarantees accurate output product. In addition to that the final product is tested in well equipped and calibrated testing laboratory and also weighed at weigh bridge in the plant premises giving us end to end control of the product quality.



We understand the importance of innovation and upgradation. Innovation drives quality and profitability to our clients. We strive hard with our team of experts and advisors to constantly improve and innovate the RMC technology for making concrete affordable and of best quality.

Innovation

Advantage

- Consistent Quality Concrete
- Higher Speed of Construction
- Zero Material Procurement and Storage Hassle
- Saving on Labour
- Substantial Wastage Reduction
- Improved Life Cycle Cost
- Eco-Friendly production practices
- Less manpower engagement



READY MIX
CONCRETE

concrete
solutions

Infrastructure

MATERIAL
SUPPLIERS

Grand
CONSTRUCTION
GROUP

CP30 CONCRETE BATCHING PLANT

The CP30 concrete mixing plant from Stetter has now proven its abilities at more than 1500 locations in India as well in countless sites across the globe. 45 years of Stetter experience in the construction and production of Concrete Batching Plants has been 3 implemented in the newest development of the CP30. The concrete output is approximately 30m³/h of 3 compacted concrete for a batch size of 0.5 m. The plant design fully meets the requirements as a mixing plant for ready-mix concrete or as a plant at the building site. Other areas of use include the precast factories and concrete product industries. Additionally, it is also used for mortar manufacturing. The plant is available with a turbo pan mixer or with a planetary pan mixer for precast concrete production.

A special characteristic of the CP plant series is the large active and passive reserve provided by the star design. This gives you a high level of independence from the scheduled delivery of aggregates. The CP30 is especially compact when used with a compartment batcher. There are advantages in regard to the space required as well as when transporting the plant to other locations. The plant design fully meets the requirements as a mixing plant for ready-mix concrete or as a plant at the building site. Other areas of use include the precast factories and concrete product industries. Additionally, it is also used for mortar manufacturing.



ADVANTAGES OF RMC OVER REGULAR CONCRETING

Quality assured Concrete - Concrete is produced under controlled conditions using consistent quality of raw material.

High speed of construction - Speed of construction can be vary fast in case RMC is used.

Reduction in wastage of cement and coarse and fine aggregate by 10- 12% due to better handling and proper mixing.

Versatility in uses and methods of placing - The mix design of the concrete can be tailor made to suit the placing methods of the contractor.

With better durability of structure, their overall service life increase and there is saving in life-cycle cost.





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QUALITY TRUST SERVICE



SPEED OF CONSTRUCTION

Due to offsite mixing and processing Dattaprasad RMC gives a huge advantage in terms of giving you pre planned and fast availability .

Also lesser time in setting and curing of concrete leads to faster completion of concreting work.



IMPROVED LIFE CYCLE COST

The DattaprasadRMC concrete due to better production practices and quality ingredients has a much higher life and sustainable strength giving a better life cycle cost.



SAVING IN LABOUR

In Dattaprasad RMC system least number of labours are required, mostly the skilled work is taken care by automated machinery, software, Accurate RMC trucks and pumping system which leads to very efficient and lower labour requirement.



ECO-FRIENDLY

At Dattaprasad RMC all the production is done under controlled environment of the plant. We make sure we have the least possible harm in the ecology of the plant surrounding.



REDUCTION IN WASTAGE

Complete automated system leads to zero wastage on production side as well as, on-site pumping system gives you the least possible wastage making Dattaprasad RMC the most effective way of concreting.



QUALITY OF CONCRETE

One is achieving exact proportion of the RMC-mix components as per mix design order and second is high quality input components as per customer requirement which helps maintain the desired quality, consistently

PUMPING



The pump has two powerful differential and pumping cylinders. The prodigious combined capacity and performance of these cylinders ensures a very high output. Our pumps are designed to offer you maximum output with minimum number of strokes in increasing the life of the cylinders.



OUR PRODUCTS

Foundation Concrete | High Strength Concrete | Free flowing concrete
Green concrete | Water proofing concrete | Paving Concrete
can also be made available at the request of customer

DELIVERY

Located at Karad Dhebewadi Road- Wing and 5 kms from karad city gives us a unique reach in the region. We are committed to deliver in the radius of 50 Kms from our plant.



PLANT & MACHINERY

We have installed well equipped & fully automated modern RMC batching Plant of renowned German Company "Schwing Stetter" having 30 cum/hour capacity with star, convaier and silos for... cement & flyash. We also have odern concrete pump for easy pouring of concrete at site and transit mixers for transportation at site. testing lab facility also available at plant.

Q U A L I T Y A S S U R A N C E

DATTAPRASAD READY MIX CONCRETE :

Dattaprasad Rmc is supplied in a variety of concrete grades from M-7.5 to M-50 as per IS code IS:10262-1982,(IS:456-2000).

Dattaprasad RMC plant has fully equipped laboratory with all test machines to carry out regular and detailed test raw materials, as well as fresh finished concrete.

Mix design development & samples when needed.

Technical support after & before concrete placement.

Monitoring of concrete placement & quality.

Evaluating and recommending solution to concrete problem.



AGGREGATES TESTING DONE ROUTINELY ACCORDANCE WITH (IS : 383-1970, IS : 2383-1963) :

Sieve Analysis ● Specific Gravity ● Bulk Density ● Flakiness & Elongation
Impact & Crushing Value ● Fitness Modulus ● Aggregates Compacity Test
Water Absorption & Moisture Content ● Impurities

CEMENT, FLYASH & ADMIXTURE TEST :

Cement :

Standard Consistency is :
4031 (Part 4) - 1988
Initial & Final Setting Time is :
4031 (Part 5) - 1988
Cement Mortar Cube Test is :
4031 (Part 6) - 1988
Fineness By 90 μ is Sieve is :
4031 (Part 1) - 1996

Flyash :

Particle Retained on 45 μ
is Sieve is :3812 - 2003

Compressive Strength is :
3812 - 2003

Admixture :

Capacity With Cement
(Marsh Cone) is : 9103 : 1999
Slump Test

HOW TO MINIMIZE THE PLASTIC SHRINKAGE CRACKING :

- Several Precaution can be taken to minimize it's occurrence
- PSC does occur during finishing, the finisher may be able to close them by refinishing the surface.
- When adverse condition exist, erect wind break to reduce wind velocity over the surface of concrete and if possible provide sunshade to control surface temperature.
- Dampen the subgrade, formwork and reinforcement.
- Cover the concrete with moisture retaining covering such as wet hessian cloth, plastic sheet etc.
- Start curing the concrete as soon as possible.
- If the area where there are sign of cracking could be re-toweled with wooden float in clockwise fashion, may close the cracks.
- Use systhentic fibers to help resist PSC.



We Providing
Smart Ideas
to grow your business



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RMC & INFRASTRUCTURE PVT. LTD.

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DATTAGURU
UDYOG SAMUHA

AAKAR
INFRA

DATTA INFRA

Trimurti
I N F R A

DATTAPRASAD
DEVELOPERS

AAKAR
Developers

akash
CONSTRUCTION

DATTAGURU
STONE CRUSHER

AAKAR
BUILDERS