



R.C.DAS ENGINEERING

Engineering Excellence



PRECISION PERFORMANCE **30** YEARS
PROVEN FOR OVER

Engineering Excellence in Manufacturing and Re-conditioning Heavy-duty Equipment for the Cement, Power, and Chemical Industries.



THREE DECADES OF PROVEN CRAFTSMANSHIP AND UNCOMPROMISED QUALITY

Founded over 30 years ago, R.C. Das Engineering Pvt Ltd has built a strong reputation for precision, reliability, and long-term partnerships in the heavy engineering industry.

Our greatest strength lies in our people — a highly skilled team of machinists, welders, and fabricators who, backed by over 30 lakh man-hours of specialized expertise, embody the precision, reliability, and engineering excellence that have defined our legacy for over three decades.

With 30+ in-house machines, including lathes, VTLs, boring, milling, slotting, and balancing machines, we maintain complete control over every operation — from machining to final inspection — ensuring quality at every stage.

Our guiding principle is simple:

**QUALITY IS NOT CHECKED
IT'S BUILT INTO EVERYTHING WE MAKE.**





**OUR CAPABILITIES —
WHERE EXPERIENCE
MEETS INFRASTRUCTURE**

 **Equipment Manufacturing:**

End-to-end production of heavy-duty spares and assemblies built to meet demanding operational standards

 **Re-Engineering:**

Reverse-engineering of worn or obsolete components with performance restoration or enhancement to meet or exceed original specifications.

 **Machining & Fabrication:**

Equipped with state-of-the-art CNC machines and heavy-duty lathes, our machine shop handles components up to 2m in diameter and 12 meters in length, while our CNC Vertical Turning Lathes (VTLs) can machine equipment up to 5 meters in diameter.

All machining and fabrication operations are performed under strict quality control to ensure precision and reliability.

 **Dynamic Balancing:**

We provide high-precision dynamic balancing for rotors, impellers, and fans up to 25 tonnes, using Abro H-16k and H-1000 machines to ensure smooth, vibration-free performance.





**COMPREHENSIVE SOLUTIONS
ACROSS EVERY STAGE
OF THE CEMENT PLANT**

We understand the cement manufacturing process from start to finish — and design our components to perform reliably in every section of your plant.

01

Mining & Crushing Section

Hammer Impact Crusher



02

Raw Mill Section

Rotary Classifier
Grinding Roller
Rotor Shaft Assembly



03

Clinker Formation Section

Support Roller
Support Roller Bearing
Membrane Coupling
Thrust Device
Clinker Breaker
Hammer Crusher



04

Cement Grinding Section

Vertical Roller Classifier









BUILT ON QUALITY.

PROVEN BY PERFORMANCE.

At R.C. Das, quality isn't a final step — it's embedded in every stage of production.

Each component undergoes rigorous checks for dimensional accuracy, surface finish, balance, and fit. Our in-house inspection tools, gauges, and balancing records ensure precision that meets or exceeds original design standards.

Our Quality Promise

-  100% in-house manufacturing and inspection
-  Decades of accumulated expertise
-  Continuous process monitoring
-  Proven reliability in critical applications



TRUSTED BY INDUSTRY

LEADERS NATIONWIDE

Our components and re-engineered spares are in operation at leading cement, power, and chemical plants across India.

We take pride in supporting clients with consistent performance, dependable service, and long-lasting value.



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For enquiries, replacements, or engineering consultation — our technical experts are just a call away.



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