

SALES NEWS  
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# Continued partnership with UltraTech yields biggest order to date

KHD has secured a major new order from India's largest cement company. The package of contracts comprises two complete pyro lines and eight grinding units for UltraTech Cement Limited, and continues a collaboration between the two companies that now goes back over 15 years.

Pyroprocessing  
Grinding

Greenfield  
Brownfield  
Upgrade



## An ongoing partnership

KHD has been a trusted supplier of large-capacity clinkerization and grinding units to UltraTech since 2006. We have now signed a new package of contracts to supply ten production processes, including two complete pyro lines at Kotputli in the northern state of Rajasthan, and at Maihar in Madhya Pradesh in central India, and eight new Comflex® grinding lines.

## The package of contracts in detail:

- 2 x 10,000tpd clinker lines
- 6 x 330tph and 2 x 245tph PPC grinding units with Comflex® semi-finish grinding circuits, with roller presses
- 1 x 40tph slag finish grinding unit, with roller press

An additional part of the contract package covers the award of two upgrade projects to install KHD roller presses at two existing PPC grinding units – a 365 tph unit UltraTech’s Arrakonam site and a 390 tph unit at Roorkee. This will bring the number of KHD roller presses operated by UltraTech to 38.

Contract scope includes design, engineering and supply of equipment for the new pyro lines and grinding units, as well as the upgrades, with limited auxiliary equipment.



**Energy-efficient low-emission technologies**

The equipment selected by UltraTech is designed to ensure low energy consumption and emissions, and so contribute cleaner, more cost-effective clinker production.

The two pyro lines feature the largest double string preheaters ever supplied by KHD, including low pressure-drop cyclones to maximize process efficiency. Low NOx Pyroclon® AF calciners will enable thermal substitution rates of up to 30 %, while ensuring NOx emissions are limited to less than of 600 mg/Nm3.

Meanwhile, the grinding units all feature Comflex® grinding circuits, which consume significantly less energy compared to competitor grinding systems available in the cement market.

The confidence UltraTech continues to place in KHD exemplifies our standing within the Indian cement market as the leading supplier of reliable, future-orientated pyro and grinding solutions. Over the last 15 years, we have supported UltraTech in its ambitions to become one of the world’s leading cement manufacturers – and we look forward to maintaining this successful partnership through future collaboration and growth.

**KEY BENEFITS**

- Highly energy and cost-efficient clinkerization and grinding
- Lower emissions and environmental footprint
- Unmatched cement process and equipment know-how

**LOCATION**





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## ABOUT KHD

**For over 160 years, we have been a global authority in the cement manufacturing process. KHD innovations have shaped the modern cement plant, and we continue in that tradition today.**

Our equipment and solutions help tackle the most pressing challenges: raising productivity, increasing efficiency, lowering production costs, and improving environmental performance.

From our roots in the heart of the German Rhineland, we have expanded around the world. We still develop, design and supply all core components for cement production in-house, and often rely on our own workshop. We work with proven industry partners to offer a complete suite of cement plant equipment and solutions. Our network of regional entities allows us to best serve and service every major cement market, and meet their individual requirements.

This time-tested blend of unparalleled cement industry experience, highest-quality equipment and engineering standards, and reliable industry partnerships ensures we are the expert partner when it comes to optimizing any cement plant operation – whether a new greenfield build or upgrade to an existing process lines.