

SALES NEWS
July 2022

The first Pyrrotor® contract in Turkey

The topics of decarbonization and fossil fuel substitution continue to drive developments and changes in the cement industry. At the forefront of this trend is the Pyrrotor® from KHD. A modular add-on to any existing calciner, the Pyrrotor® allows very high thermal substitution rates (TSR) with almost no pre-processing of even the lowest-quality alternative fuels.



Pyroprocessing

Upgrade

Ultimate fuel flexibility paired with NO_x emission reduction

After demonstrating continuous success over the last few years, predominantly in the Asia Pacific region, KHD has now received the first Pyrrotor® order in Turkey. This latest order underlines the growing demand for sustainable and cost-effective utilization of alternative fuels – a demand that is now reaching new countries and market regions.

KÇS Kipaş Çimento A.Ş. awarded a supply and engineering contract to Humboldt Wedag GmbH for a Pyrrotor® to be installed on production line one of their plant in Kahramanmaraş, Turkey.

The Pyrrotor® will enable KÇS to continuously achieve a TSR above 90% in the calciner. At the same time, thanks to the principle of staged combustion, the upgrade will also ensure NO_x emissions from the pyroprocess are kept below 800mg NO₂/Nm₃.

Contract scope consists of design, engineering and supply of all equipment for the Pyrrotor®. There is no need to interrupt production during the project erection phase. Only a brief stoppage is foreseen to assemble the gas duct connections shortly before the final commissioning, which is scheduled for early in the third quarter of 2023.



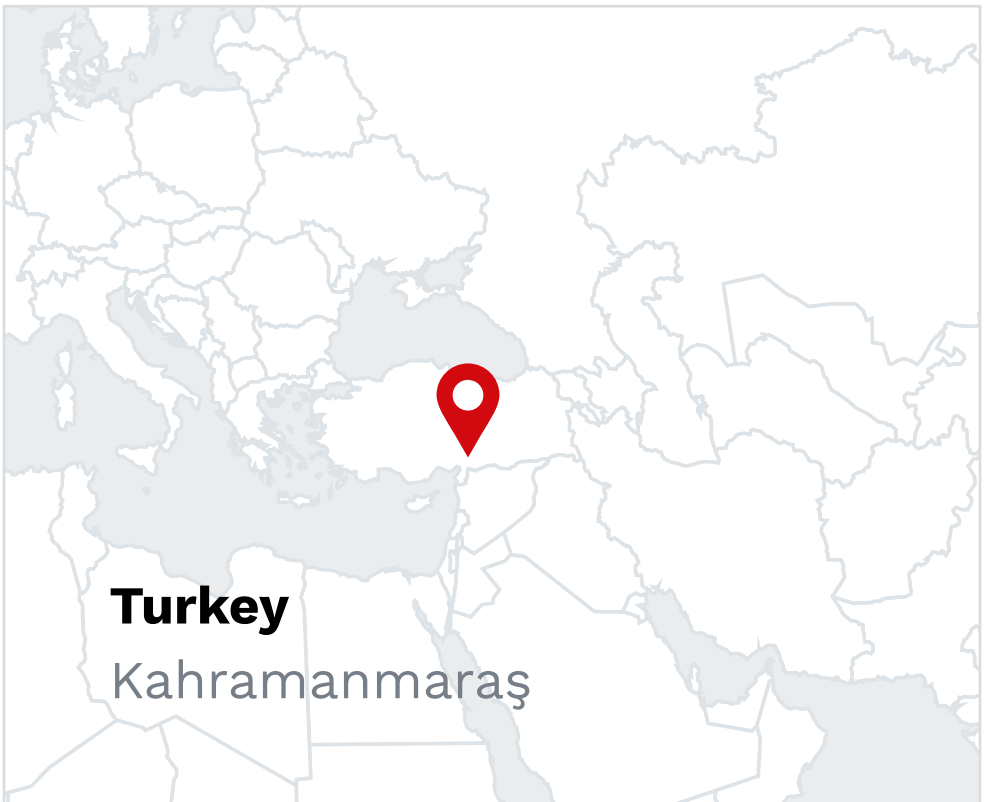
This project marks the 11th Pyr rotor® unit contracted worldwide. It underlines the strong demand for solutions that facilitate the use of alternative fuels. The ingenuity of Pyr rotor® is that, in contrast to all other equipment currently available in the market, it allows cement producers to use any type and quality of alternative fuel without the effort and cost of pre-processing these materials. As a result, Pyr rotor® can significantly improve fuel availability and cost for any cement producer.

With the Pyr rotor®, KHD continues to demonstrate its expertise and capability for highly reliable and energy-efficient pyroprocessing solutions and reinforces its position as market leader in the Turkish cement industry.

KEY BENEFITS

- Lower your fuel costs by reducing primary fuels to a minimum
- Lower your carbon footprint
- Future-proof your fuel supply with ultimate fuel flexibility

LOCATION



CONTACT

Bekir Bosnak

Head of Sales Office Turkey

bekir.bosnak@khd.com

+90 (0) 549 728 11 05

OFFICE

Humboldt Wedag GmbH

Sales Office Turkey

Meydan Sokak No.1

Beybi Giz Plaza – Kat 26

34398 Maslak – İstanbul

Turkey

khd.com

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.