

High performance technologies and process equipment for cement and mineral industries

Within Fives, the Cement & Minerals business line specializes in the design, supply and installation of **core process equipment** and **complete plants**.

The Group's expertise includes proprietary technologies in crushing, grinding, pyroprocess, combustion and gas treatment, as well as complete project management and customer services.

From the initial project definition to the plant commissioning, Fives provides tailor-made solutions, on-time delivery, within-budget execution.

As a state-of-the-art supplier, Fives strives to provide customers with solutions combining the utmost performance with sustainable development.



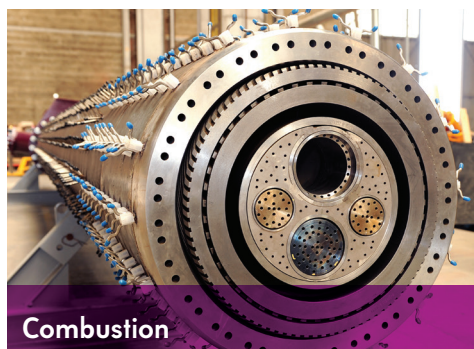
Crushing



Grinding



Gas treatment



Combustion



Pyroprocessing



Optimization & Control

Fives also offers plant site services to support customers. Our worldwide team of experts provides responsive and relevant support for operation and maintenance of burning lines and grinding workshops, whatever the original manufacturer.

Fives creates innovative solutions to ensure the reliability of clients' equipment, increase their performance and reduce their maintenance costs.

THEY TRUST US:

BUZZI-UNICEM — CEMENTOS MOCTEZUMA — CEMEX — CEM'IN'EU — CIMENT QUEBEC INC. — CIMPOR — CRH — ELEMENTIA — GICA — HEIDELBERGCEMENT — LAFARGEHOLCIM — QATAR NATIONAL CEMENT COMPANY — TITAN — VICAT — VINACONEX — VINAINCON — VALE ...

Fives brings its high-level expertise to supply tailor-made solutions that offer optimal performance and sustainability

Committed to reducing the impact of industry processes on the environment, Fives provides the cement and minerals industries with solutions that help preserve natural resources and reduce polluting emissions.



FIVES' AVAILABLE SOLUTIONS TO REDUCE THE CARBON FOOTPRINT OF THE CEMENT INDUSTRY

Get Green



Energy efficiency



Fuel switching



Material substitution



CO₂ capture & storage

FIVES' solutions for CO₂ abatement



FCB Horomill®	●		●	
FCB TSV™ Classifier	●		●	●
FCB Aerodecantor	●		●	
FCB Rhodax®			●	●
FCB Carbonator				●
FCB calciners				
• Zero-NOX	●	●		
• In-Line				
• Preca-Max®				
FCB Flash Calciner	●	●	●	
Opti-Mill™ & Opti-Kiln™	●	●	●	
Pillard NOVAFLAM® Evolution	●	●	●	
Oxy-Combustion		●		●
H2-Combustion		●		●

FIVES, YOUR PARTNER FOR A MORE EFFICIENT AND SUSTAINABLE INDUSTRY

INDUSTRY CAN DO IT

From the first railway lines to the Eiffel Tower elevators and factory 4.0, for over 200 years, Fives has been designing the disruptive solutions and technologies that make up industry.

As a pioneer of decarbonization and digitalization, Fives is always one innovation ahead thanks to its ability to anticipate customer needs. By responding to the specificities of each market locally, Fives combines economic and environmental performance in 25 countries thanks to its 8,500 employees. Fives designs and manufactures machines, process equipment and production lines for the world's largest industrial groups in various sectors such as aluminium, steel, glass, automotive, logistics, aerospace, cement and energy.

2,027 | M€ of sales

More than 8,500 | employees

28.8 | M€ R&D expenditures

More than 100 | sites in about 25 countries

2022 key figures

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