



Spraying Systems Co.®
Experts in Spray Technology



AUTOJET®

BALL MILL COOLING SYSTEM

WATER INJECTION IN CEMENT MILLS



www.spray.com

INDUSTRIAL MATERIALS · CHEMICAL · ENERGY · FOOD · PAPER · PHARMA · STEEL · AUTOMOTIVE · **BUILDING MATERIALS** · CHEMICAL · ENERGY
COOLING · COATING · DRYING · DUST CONTROL · FIRE PROTECTION · HUMIDIFICATION · LUBRICATION · MINING · TANK CLEANING
· TANK CLEANING · SPRAY CONTROL · AUTOMATED · DISINFECTION · **SPRAY LANCES** · ACCESSORIES · **NOZZLES** · SPRAY GUNS



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BALL MILL COOLING SYSTEM

SELF AUTOMATING TEMPERATURE CONTROL IN THE MILL

When cement clinkers are ground inside a ball mill, a significant amount of friction between balls is converted into heat, which can negatively impact clinker properties and complicate further processing. The best way to keep the temperature under control on the inside, is to spray water into the mill so overheating can not take place.

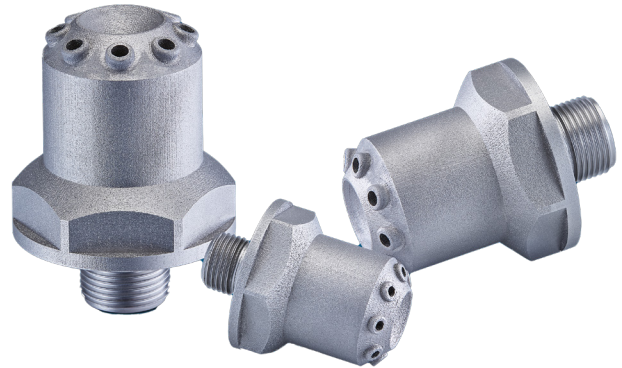


COMPLETE SYSTEM //

Spraying Systems Co.® provides a self regulating atomizing spray system that can insert the right amount of water in the second chamber needed to keep the temperature at the desired level. Our complete system with FloMax® nozzles and high-quality regulation equipment, is the perfect reliable combination to fulfil this role.

FLOMAX® NOZZLES //

Our state-of-the-art air atomizing FloMax® nozzles are perfectly designed for precise and efficient spraying in the ball mill. These nozzles combined with the closed-loop temperature control, results in a constant outlet temperature, so overheating can not take place and the clinkers on the inside stay intact.



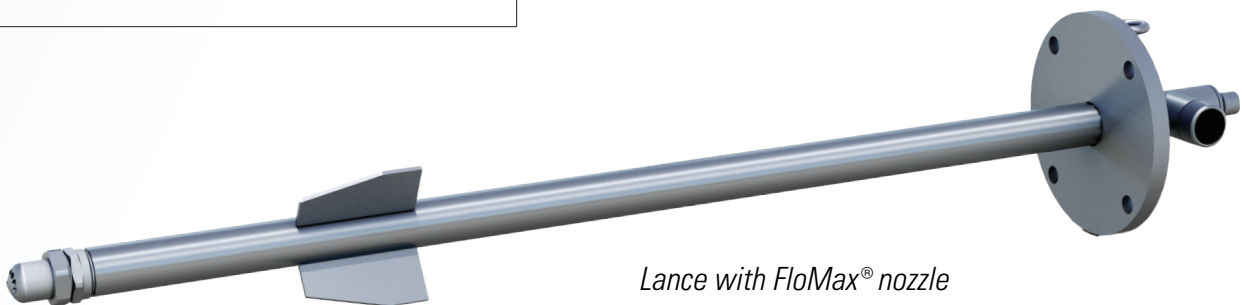
PACKAGE



- Lance with FloMax® nozzle
- Skid equipped with regulation equipment
- One or double pump
- PLC
- Flowmeter

LANCE //

To spray the water into the second chamber of the cement mill, we push the lance with a FloMax® nozzle to the center of the ball mill.



Lance with FloMax® nozzle

ASSEMBLED AND TESTED BY OUR ENGINEERS //

Our service includes delivering a system that is fully assembled, thoroughly tested, and ready for immediate use. This ensures that you can integrate the system into your operations quickly and efficiently, minimizing downtime and maximizing productivity. With our pre-assembled and tested systems, you can be confident in their reliability and performance right from the start.



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WHY CHOOSE SPRAYING SYSTEMS CO®?

Choosing Spraying Systems Co.® means partnering with a leader in spray technology. With over 85 years of expertise, we are committed to delivering a high-quality solution that meets the evolving needs of the cement industry.

Our dedicated team of experts is here to provide support and solutions that are aligned with your specific requirements.



CONTACT US

Find out more about our spraying solutions by going to our website: [spray.com/en-eu/](https://www.spray.com/en-eu/)

Do you have any questions or do you want more information? Get in touch with one of our spray experts. They will provide you with the right information.



LANGUAGE SUPPORT

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🌐 We also offer support in Polish / Portuguese / Dutch / Swedish / Finnish / Romanian / Czech / Greek / Hungarian / Ukrainian
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