

PRESS RELEASE



Date
10 April, 2019

FLSmidth launches new generation of digitally enhanced, small-size Raptor® cone crushers for improved safety, ease of maintenance and maximised throughput

PRESS RELEASE, COPENHAGEN – *Further driving advancements in the aggregate and construction industries, FLSmidth's Raptor® cone crusher models R250, R350 and R450 bring advanced automation, control and data visualisation to crushing operations around the world.*

With the high performance Raptor R250, R350 and R450 cone crusher models, advanced control systems and digital smart technologies give the aggregate and construction industries improved control and data accessibility, while optimising particle size and shape consistency. These Raptor cone crusher models are built and designed to function efficiently while reducing operational and wear costs.

While every crushing problem is unique, businesses within the aggregate and construction industries all want the same thing from their crushing solutions: safety, ease of maintenance and the highest possible throughput. The FLSmidth Raptor cone crusher line has long provided industries with effective crushing solutions that meet these demands. And now, with the introduction of the new Raptor R250, R350 and R450 models, these advantages are further reinforced with advanced smart technologies and machine optimisation software.

The new Raptor cone crusher generation does not need back liner material for the liners and is designed to operate at higher capacities. In addition, the pressure resistance had been increased. This will improve the particle shape during the size reduction, something that can reduce the number of crushing stages and require smaller screen sizes in the plant. For tertiary crushing applications, we have designed a new generation of crusher liners. This had increased the crusher performance of several customers by 10% and extended liner life by more than 40%.

The Raptor R250, R350 and R450 also incorporate comprehensive digital connectivity like never before. Using the latest in smart technology, these cone crushers are cloud-based. This allows them to continuously provide operational, performance and asset health monitoring metrics, which can be accessed by authorised personnel at any time, and from anywhere in the world. Additionally, automation systems can use this data to optimise crusher performance and feed control, even taking corrective action when force overloads are detected. The end result is that businesses can improve productivity, while also lowering maintenance and monitoring costs.

Protecting vital equipment is always a prime concern in aggregates. The R250, R350 and R450 Raptor cone crushers use OEM software to ensure that the machine is operating at peak performance without risking damage. This software is capable of self diagnosis, and can be easily integrated with most plant systems. Additionally, the Raptor cone crushers employ "fail safe" hydraulics to ensure protection from mechanical overload should an accumulator bladder fail. The OEM software also helps maintain desired output through power-based control or

particle size analysis, which automatically adjusts the close-side settings for increased consistency of particle size.

Along with vital monitoring and safety systems, the new Raptor cone crusher line incorporates resilient, high-durability parts, meeting specifications that exceed what is found in conventional cone crusher solutions. Together, these and other technologies provide the new Raptor cone crusher line with unequalled versatility and productivity, making the Raptor R250, R350 and R450 cone crushers the most reliable and maintenance friendly options on the aggregates market.

Providing the aggregate and construction industries with improved throughput and data visibility, while ensuring equipment safety and reduced maintenance expenses, the new Raptor cone crusher models are poised to revolutionise the entire crushing process. And, backed by FLSmidth's depth of experience and technical advisory services, businesses have easy access to the right knowledge to ensure that they implement the best cone crusher solutions to meet their needs.

Website page - <https://www.flsmidth.com/en-gb/products/raptor-cone-crusher>

Media contacts

William Leahy
Content Marketing Manager, Global Mining Marketing
Mobile: +45 30 71 08 38
wil@flsmidth.com

Sven Hoerschkes, Global Product Director Cone Crusher, Screens,
Feeder & Feeder Breakers
Phone: +49 172 8965524
sven.hoerschkes@flsmidth.com

FLSmidth is the market-leading supplier of productivity to the global mining and cement industries. Headquartered in Copenhagen, Denmark, and with offices in more than 50 countries, FLSmidth delivers engineering, equipment and service solutions to customers worldwide. Productivity, sustainability, and quality are focus areas for the 12,000 employees in FLSmidth. The company generated revenue of DKK 18 billion in 2016. Read more on www.flsmidth.com