



Manufactured in the UK

QMS Jaw Crushers



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QMS jaw crushers are designed and engineered to exceed the primary crushing needs of customers in the mining, quarrying and recycling industries. Our jaw crushers offer the best in engineering excellence; the robust design complete with high quality cast steel components and premium spherical roller bearings contributes to the reliability and high performance.

All QMS jaw crushers incorporate the latest in design and manufacturing techniques and each component is 100% manufactured and built in-house at QMS. QMS's substantial investment in purpose built manufacturing facilities allows us to offer cost effective jaw crushers, with excellent availability.

Robust Design

The QMS jaw crusher design comes from various intense studies carried out by the QMS research and development team, including FEA and Fatigue Calculations, bench testing and theoretical calculations. All aspects of the QMS jaw crusher have been specifically assessed with attention to even the smallest of details, resulting in the highest possible reliability and functionality.

Modular

A modular, non-welded frame boasts state-of-the art design with two hot-rolled steel side plates joined to high-quality cast steel frames. The absence of stress inducers ensures excellent durability against shock loads.

Pitman Assembly

The high-quality cast steel Jawstock is propelled by two cast iron flywheels. A large eccentric shaft forging and four spherical roller bearings ensure the maximum reliability even under the harshest crushing conditions. Grease-lubricated bearings are kept free from contamination by well-designed labyrinth seals.



Frame Bearing Housings

Single piece frame bearing housings ensure a flawless fit to the crusher frame. What's more, they prevent unnecessary loads to the frame bearings that are common with 2-piece frame bearing housings.

Cavity Selection

There is a selection of jaws types available for various crushing applications. All jaw profiles are manufactured using high quality material and experienced design, resulting in high performance and low operating costs. Please contact our sales team for recommendations concerning your specific application.



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Integral Motor Base

An integral motor base is mounted in the main frame, reducing the need for space and markedly long v-belts. There is no differential movement between the crusher and the integral movement, resulting in a prolonged life in the v-belts.

Significant features and benefits:

- Modern modular bolted design
- Available as a base unit or part of modular plant
- Robust steel structure
- None welded frame design

Adjustment System

All QMS jaw crushers come complete with a sturdy wedge setting adjustment system. The Wedge setting adjustment system is faster and safer compared with historical shim adjustment systems.

The crusher's setting can be hydraulically adjusted quickly and efficiently without having to handle bulky shims. This system is also effectively proven to clear the crusher's cavity, should it stall under load.

Flywheel Guards

Flywheel guards are bolted onto the crusher's side plates to offer easier access to the crusher. The unique placement of the guards protects operators from moving parts and easy access when inspecting and servicing the crusher.



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Specifications

Model	0850	1065	1275	1395
Power	55-75kw	75kw	110-132kw	160kw
Feed Opening	800x500mm (31" x 20")	1000 x 650mm (40" X 26")	1200 x 750mm (47" x 30")	1250 x 950mm (50" x 38")
Max. Feed Size	400mm (16")	520mm (21")	650mm (25.6")	900mm
Capacity	170tph	225tph	400tph	700tph

For more information or a tailored quote, please contact our sales team on:

CALL US

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