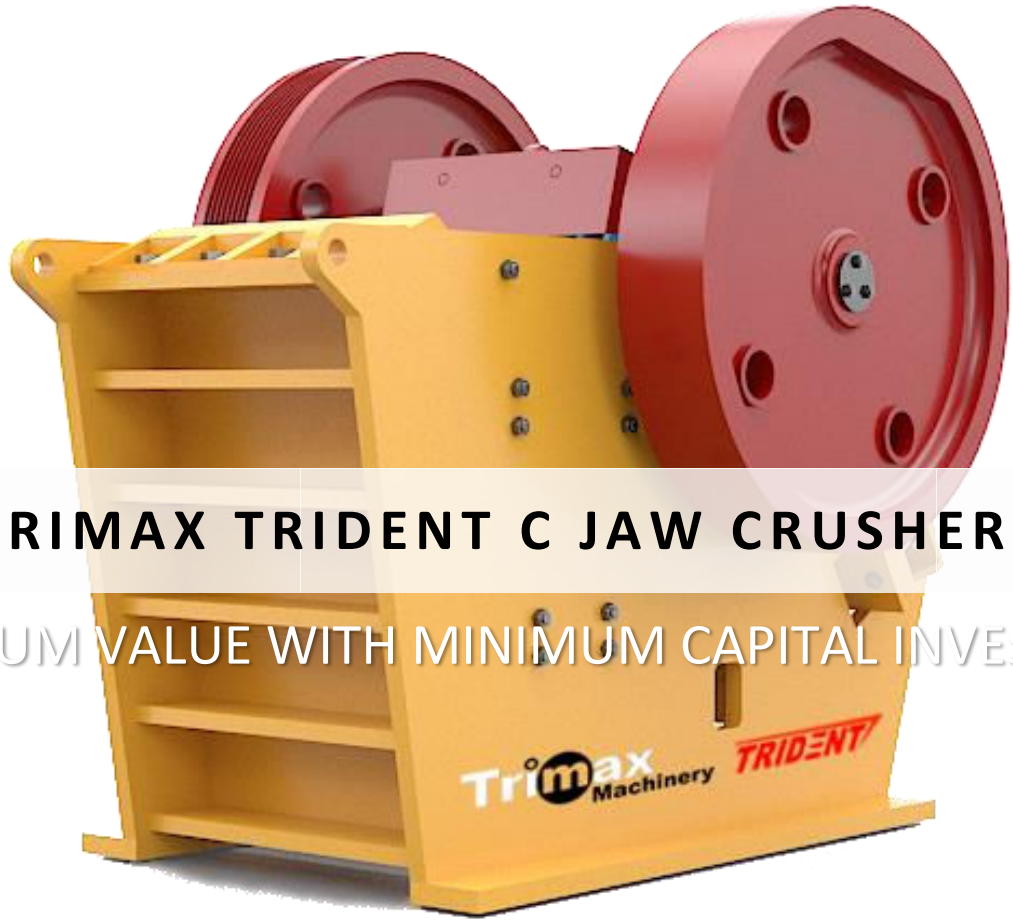


TRIMAX TRIDENT C JAW CRUSHERS

MAXIMUM VALUE WITH MINIMUM CAPITAL INVESTMENT

ABOUT THE TRIDENT C JAW CRUSHER

The Trimax Trident C Jaw Crusher is a robust single-toggle jaw crusher developed through a close partnership with a renowned French crusher manufacturer. Compared to other jaw crushers of similar size, the Trimax Trident C Jaw Crusher offers significantly higher production throughput, lower energy consumption, and enhanced durability thanks to its reliable steel frame structure.

Available in 2 popular models, the Trimax Trident C Jaw Crusher serves the mining and aggregate industries with reliable, high performance at a competitive price. This means you get maximum value with minimum capital investment.

It also features user-friendly design elements that make maintenance easier and more efficient, delivering high performance and reliability for a range of crushing applications.

IDENTICAL JAW PLATES

The fixed and swing jaw plates of the Trimax Trident C Jaw Crusher are specifically designed to be identical and

interchangeable, providing greater operational flexibility and reducing downtime. This clever design allows both jaw plates to be rotated 3 or 4 times before needing replacement, significantly extending their wear life by up to 50%. By maximising the usage of each plate, this unique feature reduces the frequency of replacements and minimises the need to keep a large inventory of spare parts, ultimately improving operational efficiency and lowering maintenance costs of the crusher.

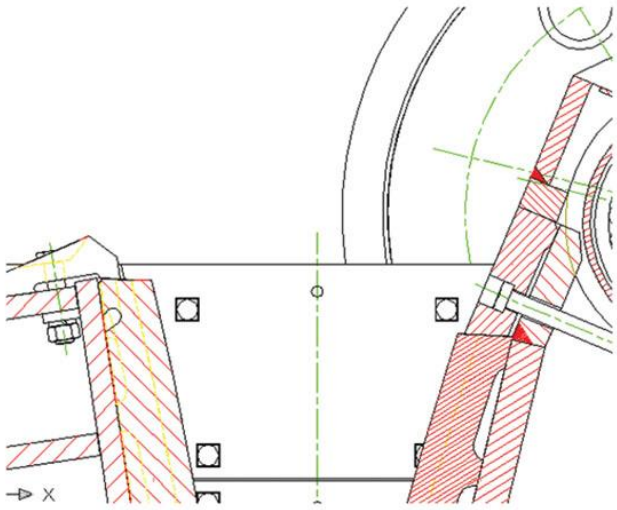
INCREASED ABILITY TO CRUSH

The Trimax Trident C Jaw Crusher features identical jaw plates, resulting in a tooth-to-tooth design. This design ensures uniform engagement between the plates during operation, maximising its crushing efficiency.

By evenly distributing pressure across the entire surface, the crusher can handle even the hardest materials with ease. This tooth-to-tooth configuration enhances grip on tough materials, allowing for better fracture and reduced wear, ultimately boosting performance and durability in demanding crushing applications.

WIDER JAW OPENING

The top of the swing jaw is engineered with a wider outward angle, enhancing its ability to accommodate larger feed material. This design directs material away from sensitive areas, like the bearings, preventing

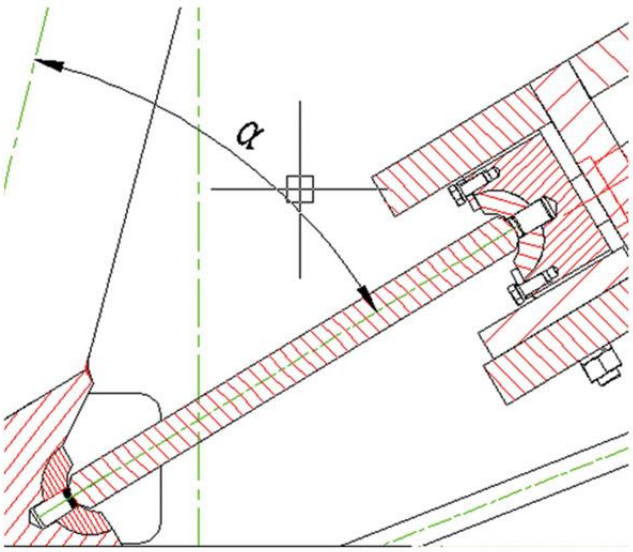


damage from excessive wear or impact. The deflector plate benefits from this wider angle, as it can better deflect oversized feed material, ensuring smooth operation. By protecting the bearings, which is a key component, this design improves the crusher's overall efficiency and longevity.

SUPERIOR TOGGLE ASSEMBLY DESIGN

The toggle plate in the Trimax C Jaw Crusher features an adjustable acute angle, enabling operators to fine-tune the angle for optimal crushing efficiency. This flexibility ensures efficient crushing, even when the jaw plates are nearly worn out, prolonging their usability and reducing downtime.

Additionally, the curvature design of the toggle plate and toggle seats results in reliable power transfer. This enhances overall crushing performance while minimising mechanical stress. Moreover, this design also contributes to noise reduction during operation, making the crusher not only efficient but also quieter and more operator-friendly.

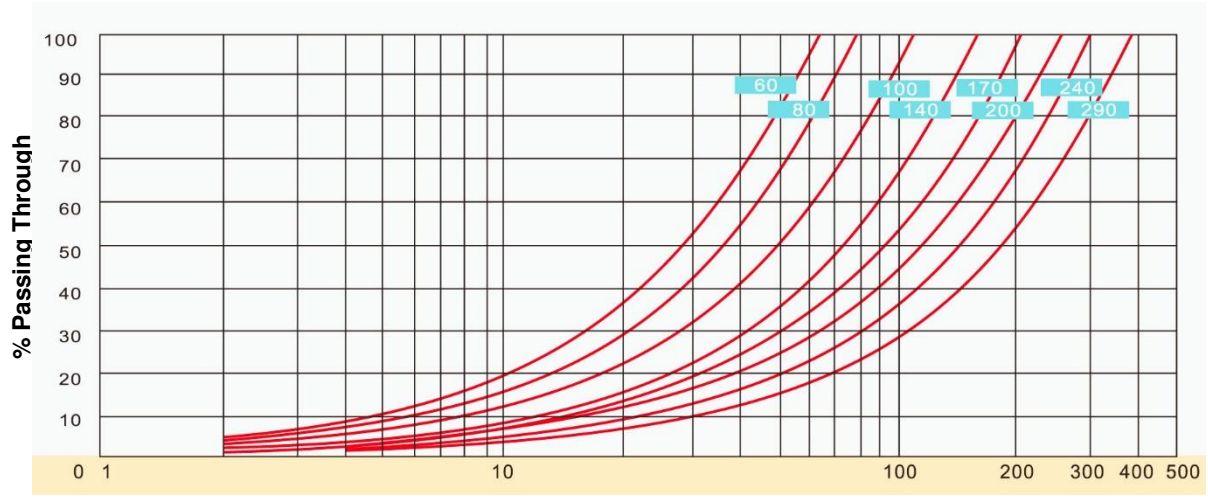


CRUSHING CAPACITIES

TRIDENT C SERIES

MODEL	MOTOR KW (HP)	MAX FEED MM	FEED OPENING MM	NOMINAL CAPACITY IN TPH WITH CSS IN MM											WT. KG
				75	90	100	115	125	150	180	200	220	250	275	
C1008	110 (150)	750	1020 x 800	200	220	240	270	280	335	380	410	450	500		23,000
C1210	132 (180)	875	1180 x 1000	270	310	340	380	405	470	550	605	660	740	810	33,200

Performance figures are approximate and only give an indication of what the crusher can do. Degree of reduction, material's crushability, size of feed material, and moisture content of feed material, etc. all affect crusher performance.



Square Screen Hole Size in mm

The product graph and the percentage of the crusher product that is smaller than the closed side setting (square hole, mm) is dependent on the crushability of the material, size distribution of the feed material, as well as other factors.