

Jaw crusher Nordberg® C130™





Nordberg C130

Excellence in motion

The Nordberg C130 jaw crusher is the latest addition to the highly successful Nordberg C series range. At the heart of the C130, lies over one hundred years of dedication to engineering excellence, dedication to outstanding crusher performance and dedication to satisfying the needs of our customers.

Excellence in performance

Incorporating the same design features as the highly successful Nordberg C120 and C150 jaw crushers, the performance of C130 is excellent in both mobile and stationary applications. A small nip angle and excellent kinematics ensures aggressive crushing along the whole length of the crushing cavity in all rock conditions. A deeper 1 000 mm (40") feed opening is able to handle coarser feed material and greatly reduces the need for blasting and hammering. Even easier stroke adjustment makes C130 the most versatile primary crusher on the market.

Excellence in reliability and easy maintenance

The unique non-welded frame construction of C130 ensures excellent fatigue strength and extended crusher lifetime. Based on innovative in-house casting and engineering know-how, the robust and high-quality Metso components at the heart of C130 guarantee excellent reliability. Safety is one of the main principles in the design of C130. As a result, lighter and more durable

composite guards that are safer and easier to handle, specially designed lifting tools and a limited number of service points make maintenance of C130 easy and keep your personnel safe.

Excellence in easy installation and transportation

The installation solutions available allow Nordberg C130 to be easily installed in surface, underground or mobile applications, according to customer need. The revolutionary pin and bolted structure means that the C130 jaw crusher can be easily disassembled and transported into the deepest of mines easily and cost-effectively. Thanks to the excellent compact dimensions of the C130, older crusher models can be easily retrofitted with the C130 – a quick, easy and profitable solution.

- Benefits:**
- Extremely reliable design
 - Outstanding performance
 - Safe to operate and maintain
 - Easy to install

Technical specification	
Feed opening width	1 300 mm (51")
Feed opening depth	1 000 mm (39")
Weight (Basic unit)	40 100 kg (88 500 lbs)
Nominal power	160 kW (250 HP)
Operating speed	220 rpm
Minimum c.s.s.	100 mm (4")
Maximum c.s.s.	250 mm (10")

Capacity		
Product size mm (in)	Closed side setting mm (in)	Mtph (Stph)
0-150	100	270 - 369
	(0-6) (4)	(297 - 406)
0-185	125	325 - 446
	(0-7) (5)	(358 - 491)
0-225	150	380 - 523
	(0-9) (6)	(418 - 576)
0-260	175	435 - 600
	(0-10) (7)	(479 - 661)
0-300	200	490 - 677
	(0-12) (8)	(539 - 746)
0-330	225	545 - 754
	(0-13) (9)	(600 - 830)
0-375	250	600 - 831
	(0-15) (10)	(661 - 915)

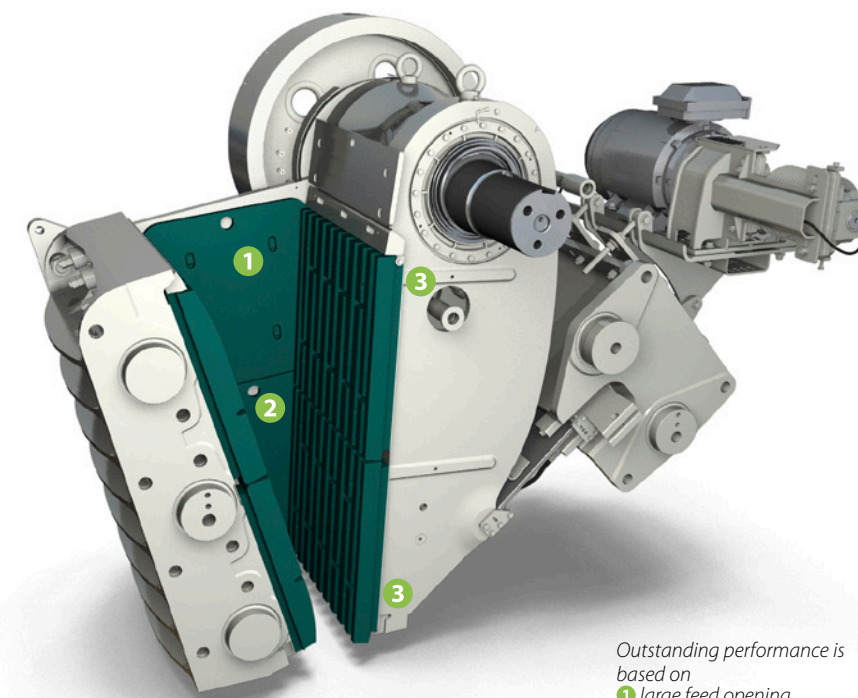
The above figures represent through the crusher capacities, which are based on a feed material with an average specific gravity of 2.7 Mtph/m³, a maximum feed size that will enter the crusher without bridging and material finer than the crushers closed side setting removed. The capacities may vary depending on the feeding method and on feed characteristics such as gradation, bulk density, moisture, clay content and crushability.

Measurement of the crusher's closed side setting varies depending on the jaw profile that is being used and has an impact on the crusher's capacity and product gradation. The following factors will enhance crusher capacity and performance:

1. Proper selection of the jaws.
2. Proper feed gradation.
3. Controlled feed rate.
4. Sufficient feeder capacity and width.
5. Adequate crusher discharge area.
6. Discharge conveyor sized to convey maximum crusher capacity.

C130 is equipped with optional user friendly

- 1 wear protected feed chute
- 2 composite guards for flywheels and drive
- 3 integrated motor base with electric drive
- 4 hydraulic setting adjustment



Outstanding performance is based on

- 1 large feed opening
- 2 steep nip angle
- 3 long stroke

The Metso Way – Making the big difference to our customers

Everything we do is based on deep industry knowledge and expertise that makes the big difference to our customers. Decades of close customer collaboration and adapting to our customers' ever changing needs have transformed us into a knowledge company.



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