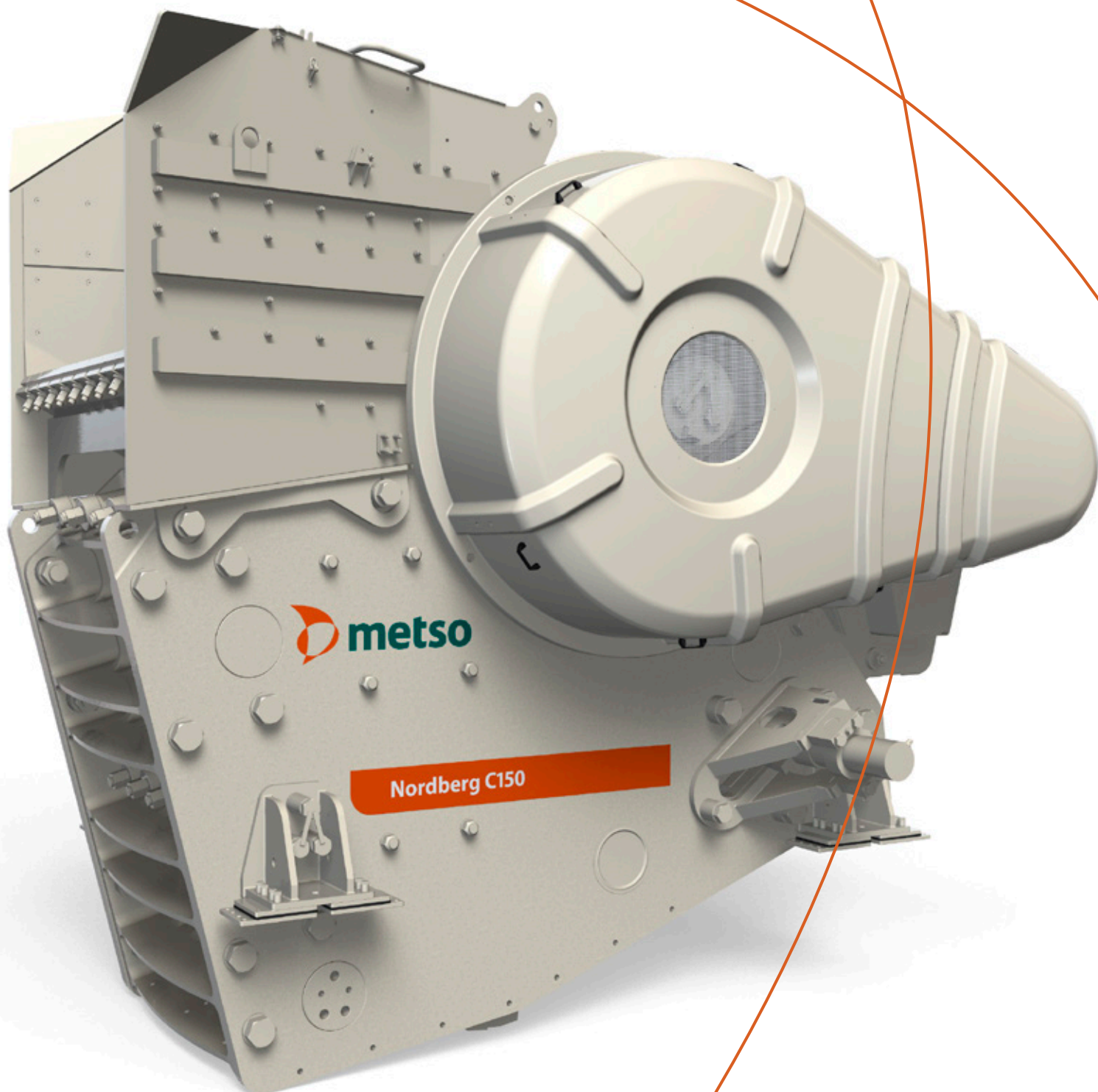
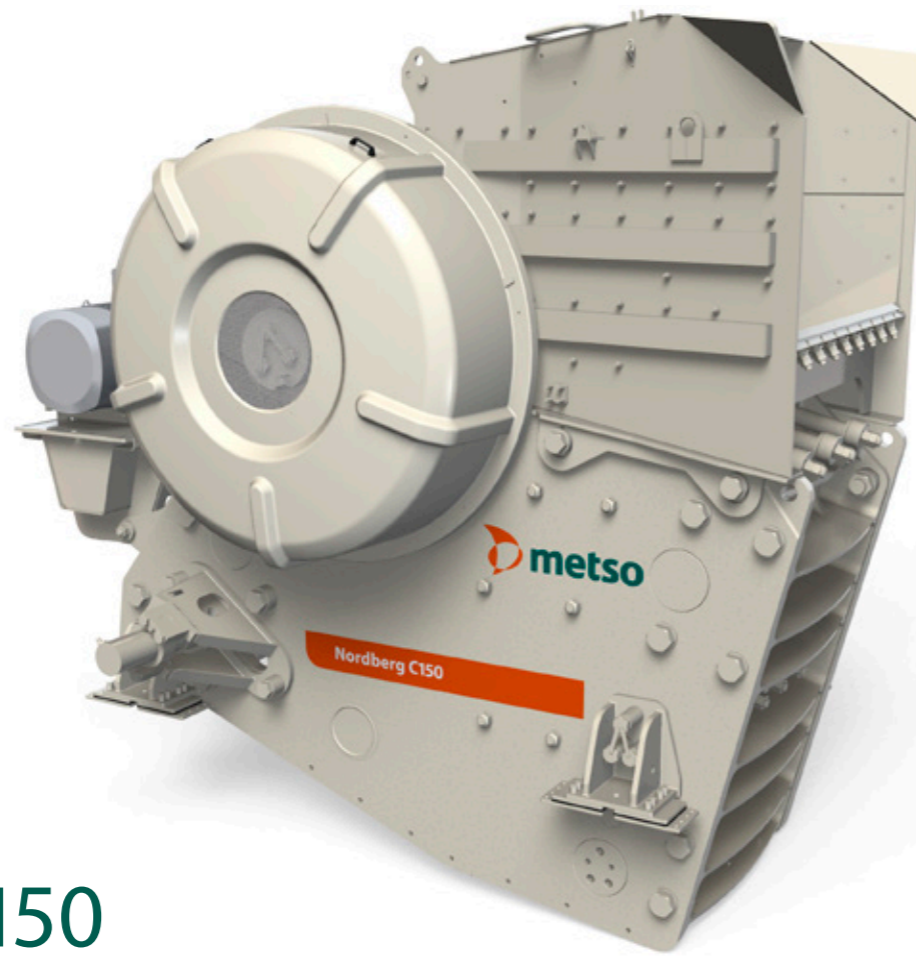


Jaw crusher Nordberg® C150™





Jaw crusher Nordberg C150

The Nordberg C150 jaw crusher is designed without compromise to be the leading jaw crusher in the 50 ton weight class. The unit has been developed for the most demanding large scale mining and quarrying applications. The great feed opening with long steep crushing cavity allows large coarse feed material up to one meter (40") size.

High long term performance and reliable design

The Nordberg C150 jaw crusher offers outstanding performance in terms of operating lifetime and its ability to crush large feed material to required product sizes at high capacity rates. An extended feed opening not only accepts material up to one meter (40"), but also easily breaks it by the increased stroke at the top of the cavity. The tight nip angle in the middle of the cavity ensures the material is quickly transferred to the bottom of the cavity where the legendary Nordberg C jaw's long stroke finishes the job.

Like all C series jaw crushers the Nordberg C150 is built out of premium quality components. The main frame structure is based on unique pinned and bolted connections without welded seams, the way only Metso can do it.

Safe to operate and maintain

The Nordberg C150 is engineered for safe operation and easy maintenance. There are limited number of service points, all with easy and safe access.

The operation, condition monitoring and greasing can be fully automated. Lifting tools for components are supplied as standard to ensure the safest possible maintenance procedures.

Easy to install

The modular design enables wide range of bolt on options like motor base, feed chute and composite guards. Multiple installation alternatives from low profile to surface installation either on steel or concrete structure are possible. The Nordberg C150 can be dismantled for transport and reassembled for example on the underground site if preferred.

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

Technical specification

Feed opening width	1 400 mm (55")
Feed opening depth	1 200 mm (47")
Weight (Basic unit)	51 200 kg (113 000 lbs)
Nominal power	200 kW (300 hp)
Operating speed	220 rpm
Minimum c.s.s.	125 mm (5")
Maximum c.s.s.	250 mm (10")

Capacity

Product size mm (in)	Closed side setting mm (in)	Mtph (Stph)
0-185	125	340 - 470
	0-7	5
	5	375 - 515
0-225	150	400 - 555
	0-9	6
	6	440 - 610
0-260	175	460 - 635
	0-10	7
	7	505 - 700
0-300	200	520 - 720
	0-12	8
	8	570 - 790
0-340	225	580 - 800
	0-13	9
	9	640 - 880
0-375	250	640 - 880
	0-15	10
	10	705 - 970

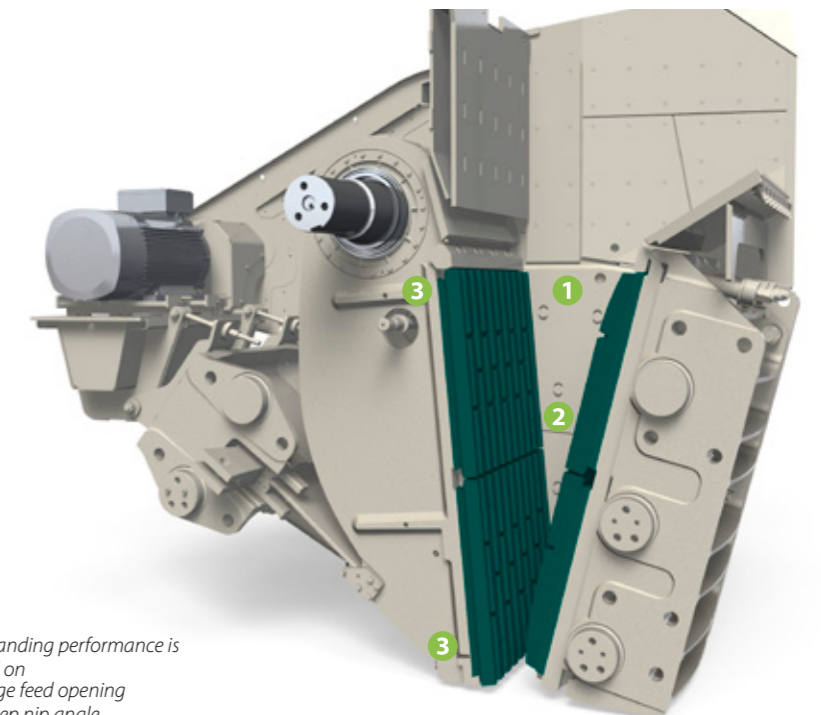
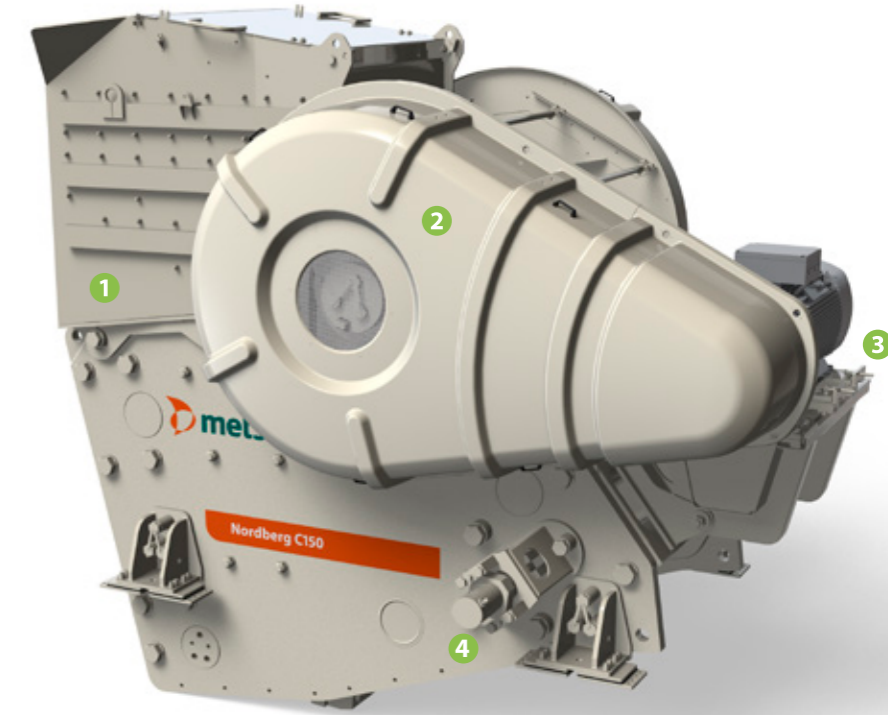
The above figures represent through the crusher capacities, which are based on a feed material with an average specific gravity of 2.7 t/m³, a maximum feed size that will enter the crusher without bridging and material finer than the crusher's closed side setting removed. The capacities may vary depending 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.

C150 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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