



THE MECHANICS OF MINING MORE

SANDVIK CONTINUOUS MINERS PRODUCT RANGE



ENGINEERED TO BOOST YOUR PRODUCTIVITY



Developed for high productivity and low cost of ownership in modern room and pillar mines, our comprehensive range of Sandvik continuous miners offers you a higher net cutting rate, quicker loading times and lower costs per ton.

Backed up by our dedicated round-the-clock service, qualified engineers and original, quality parts, these underground miners make sure you mine more for longer.



THE MECHANICS OF MINING MORE

Why just reach your production targets when you can exceed them? Tough and uncompromising, Sandvik continuous miners are built to get the most out of your mining operations. Thanks to a higher weight classes, shear-up capability and loading and conveying modules with higher installed power, our continuous miners depending on the model boost your productivity by 10–20 percent compared to others in their range.



THE MECHANICS OF LOW COST

Enjoy a lower total cost of ownership through 20 percent longer operating time between overhauls. With a cost per ton that is equal or better than other continuous miners and decreased maintenance intervals, you achieve higher productivity and lower fixed costs. Not only does this mean that Sandvik continuous miners can save you money, but they free up capital for other needs you may have in order to successfully operate your mine.



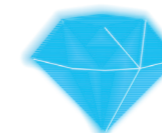
THE MECHANICS OF LONGER LIFE

Built using top-quality parts, you'll benefit from less maintenance and an extended cycle between overhauls. Short repair times and excellent service backup keep machines running longer, giving you the peace of mind to concentrate on commanding a successful operation.



THE MECHANICS OF BEING BETTER

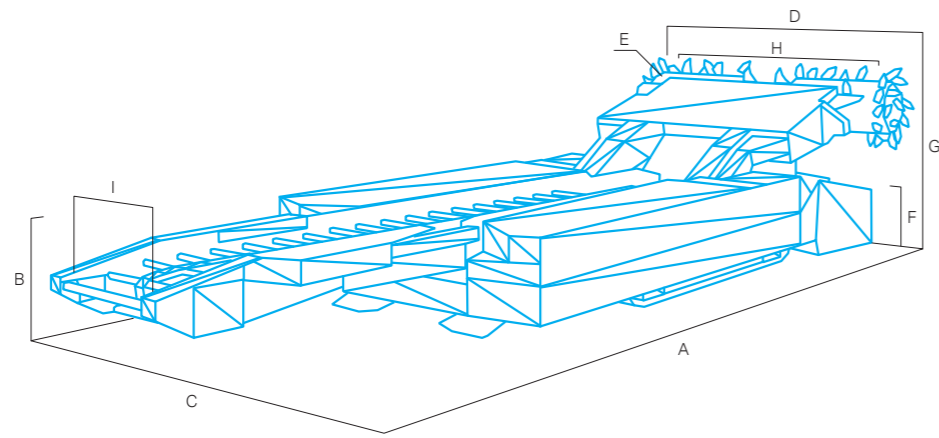
Sandvik continuous miners offer a smarter, more cost-efficient way to meet your production targets. We engineer our MC series using sturdy, rugged structural components and robust gearboxes. Semi-automated and with higher weight classes these continuous miners offer a higher cutting rate and quicker loading time. They also include a health monitoring function to give you advance warning of any problems before they arise.



THE MECHANICS OF EXCELLENCE

With excellent mechanics, come excellent results. The higher installed power of Sandvik continuous miners gives you a higher cutting force and consequently increased cutting rate. They deliver increased running time without need of a torque shaft. Add a range of smart functions, including feedback for process management and overload protection on the machine and its components, and you get an excellent system that maximizes your operational profit.

THE POWER YOU WANT, THE RELIABILITY YOU NEED



The Sandvik series of continuous miners satisfies all seam conditions in room and pillar mines. Segmented for low-, medium- and high-seam applications, our continuous miners are all equipped with the functions you expect to maximize productivity and reliability and minimize cost for any seam.

	MC250	MC350	MC390/MC390 LH	MC430	MC470
A. Total length (m)	9.5	10.9	11	12.0	12.0
Total approximate weight (t)	45	68	80/75	100	126
B. Machine height (m)	1.75	1.3	2/1.5	1.6	2.75
C. Width across chassis (m)	2.5	3.3	3.3	3.66	3.66
Ground clearance (mm)	190	250	250	300	440
Total installed power (kW)	372 (at 1,100 V/50 Hz)	641 (at 1,000 V/50 Hz)	790 (at 1,000 V/50 Hz)	672 (at 1,000 V/50 Hz)	860 (at 3.3 kW/50 Hz)
D. Cutting width (m)	2.7	3.5	3.5	3.8	3.8
E. Drum diameter (mm)	950	1,100	1,100	1,250	1,400
F. Minimum cutting height (m)	1.8	1.5	2.2/1.7	1.8	2.9
G. Maximum cutting height (m)	3.6	3.1	4.6/3.8	4.0	5.0
Cutttable uniaxial compressive strength (MPa)	up to 30	up to 40	up to 40	up to 40	up to 40
Installed power (kW) Cutter motor	175	2 × 175	2 × 175	2 × 200	2 × 270
Loading device	Spinners	Spinners	Spinners	Spinners	Spinners
Loading capacity (t/min)	15	10–30	10–30	40	45
H. Loading width (m)	2.5	3.3	3.3	3.7	3.7
I. Conveyor width (mm)	600	960	960	960	960
Conveyor capacity (t/min)	15	10–30	10–30	40	45
Tram speed (m/min)	0–20	0–23	0–23	0–21	0–21
Ground pressure (N/cm ²)	14	16	18/17	19	27

Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.

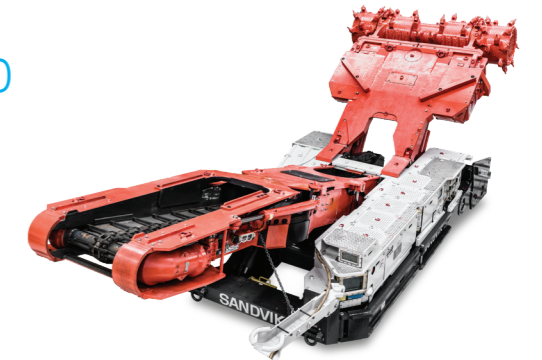
CONTINUOUS MINERS RANGE



MC470



MC430



MC350 / MC390



MC250





Test results are to be considered as results reached under certain and controlled tests conditions. These test results should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.

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