Test results are to be considered as results reached under certain and controlled test 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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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 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 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.

<table>
<thead>
<tr>
<th></th>
<th>MC250</th>
<th>MC350</th>
<th>MC430</th>
<th>MC470</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Total length (m)</td>
<td>9.5</td>
<td>10.9</td>
<td>12.0</td>
<td>12.0</td>
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<tr>
<td>B. Inter-approximate weight (t)</td>
<td>45</td>
<td>65</td>
<td>100</td>
<td>126</td>
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<tr>
<td>C. Machine height (m)</td>
<td>1.6</td>
<td>1.25</td>
<td>1.6</td>
<td>1.6</td>
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<tr>
<td>D. Width across chassis (m)</td>
<td>2.45</td>
<td>3.3</td>
<td>3.66</td>
<td>3.66</td>
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<tr>
<td>E. Ground clearance (mm)</td>
<td>280</td>
<td>250</td>
<td>300</td>
<td>440</td>
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<tr>
<td>F. Total installed power (kW)</td>
<td>267</td>
<td>591</td>
<td>72</td>
<td>930</td>
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<tr>
<td>G. Total approximate weight (t)</td>
<td>45</td>
<td>65</td>
<td>100</td>
<td>126</td>
</tr>
<tr>
<td>H. Drum diameter (mm)</td>
<td>950</td>
<td>1,100</td>
<td>1,250</td>
<td>1,400</td>
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<tr>
<td>I. Minimum cutting height (m)</td>
<td>1.8</td>
<td>1.4</td>
<td>1.6</td>
<td>2.8</td>
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<tr>
<td>J. Maximum cutting height (m)</td>
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<td>3.1</td>
<td>4.0</td>
<td>5.0</td>
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<tr>
<td>K. Cutting width (m)</td>
<td>2.7</td>
<td>3.6</td>
<td>3.8</td>
<td>3.8</td>
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<td>L. Conveyer width (mm)</td>
<td>600</td>
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<td>960</td>
<td>960</td>
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<td>M. Conveyor capacity (t/min)</td>
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<td>10–30</td>
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<td>45</td>
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<tr>
<td>N. Minimum tram speed (m/min)</td>
<td>0–20</td>
<td>0–23</td>
<td>0–20</td>
<td>0–21</td>
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<tr>
<td>O. Maximum tram speed (m/min)</td>
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<td>25</td>
<td>26</td>
<td>27</td>
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<tr>
<td>P. Ground pressure (N/m²)</td>
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<td>16</td>
<td>19</td>
<td>27</td>
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</tbody>
</table>

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.

MC470 SETS RECORDS IN SOUTH AFRICA

Tested at South Africa’s South Witbank coal mine, the mid-seam Sandvik MC470 produced around 800,000 tons of run-of-mine coal during its first year of production. That is 50,000 tons more than the current South African average of 750,000 tons per year. Since then, the machine consistently produces at record levels. One MC400 series machine even registered at over one million tons in 2014.

The encouraging results have led to further orders from South African coal mines, where a total of eight MC470 machines, five MC430 continuous miners, and one MC350 unit now in operation, and the fleet is continuously growing.
YOUR COMPLETE MINING SUPPLIER

From excavating to logistics, we have a complete integrated solution to make mining more productive and profitable. Check out our available system solutions in the table below.

ENGINEERED FOR UPTIME
Our electrically-powered, track-mounted continuous miners are designed to continuously cut coal and industrial minerals, eliminating the need for drill-and-blast. Using advanced cutting technology, they cut and gather the material simultaneously and convey it into shuttle cars, haul trucks or a continuous haulage system.

The machines are flame-proofed according to country regulations, such as MSHA (USA) and SANS (South Africa). They are engineered to increase your profits and decrease your physical and administrative workload.

PRODUCTIVITY YOU CAN COUNT ON
When you can predict your productivity you predict profitability. That’s why we offer you a complete parts and service offering. It’s about removing risk from your operations.

Our highly trained, expert engineers ensure you get the right parts and service to ensure safe operation, low operating costs and long service life. Service from Sandvik isn’t just quick and convenient. It gives you guaranteed uptime and an increase in process efficiency and equipment reliability you can count on.

YOUR COMPLETE MINING SYSTEM

1 EXCAVATE
Our electrically-powered, track-mounted continuous miners cut coal and soft minerals continuously. They cut and gather the material simultaneously and convey it into shuttle cars, coal haulers or a continuous haulage system.

Excavation products: Bolter miner, continuous miner, roadheader, cutter picks

2 SUPPORT
Sandvik high performance platform bolter or twin-boom mobile bolters combine safety and performance with unrivalled durability in global applications. They’re the perfect tools for any roof or rib bolting application.

Support products: Platform-or twin boom bolter miners, integrated bolting, support manipulator

3 LOAD
Sandvik electric shuttle cars are designed to support high-capacity continuous miners and roadheaders. Load, transport and discharge the cut material easily, quickly and efficiently. They are fast, highly maneuverable and extremely productive.

Loading products: Shuttle car, mobile conveyor, feeder breaker

4 TRANSPORT
Designed for the special demands and extreme operating conditions of underground environments, our conveyors have proven components and are ideal for coal and ore mining.

Transport products: Conveyor systems, mobile booth end, idlers and rollers

5 LOGISTICS
Sandvik underground loaders with a capacity of up to 12 tons for high productivity while utilizing mechanically actuated diesel power packages for low TCO. Our latest loaders have major ergonomic design improvements. Engineered with pressure-compensated hydraulic systems to ensure maximum efficiency whilst conserving power. Can be used in conjunction with quick detach system attachments to support room and pillar operations.

Logistics products: Utility LHDs, QDS