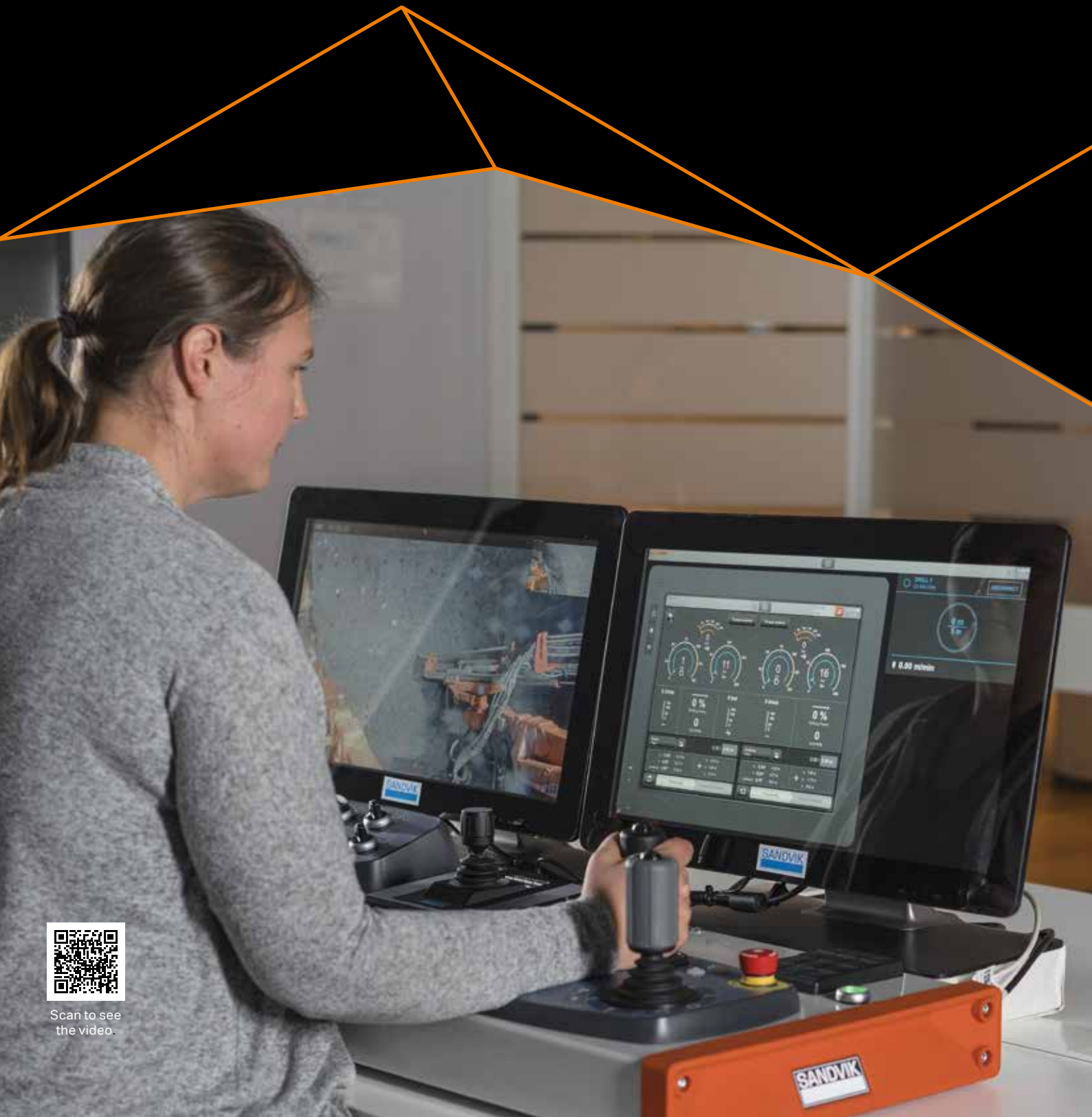




UPGRADE YOUR DRILLING INTELLIGENCE TO A NEW LEVEL

DD422i/DD422iE AUTOMATION UPGRADE



Scan to see
the video.

DD422i/DD422iE

AUTOMATION UPGRADE

Continuous 24/7 underground mine development is becoming an industry standard. Our Sandvik automation upgrade packages for Sandvik DD422i and Sandvik DD422iE development drills help you keep up with the round-the-clock demands.

Downtime during shift changes, blasting and ventilation times are no longer acceptable reasons for keeping a drill out of production while its operator is away.

Our upgrade consists of three individual elements designed to boost your productivity and enhance operator safety and ergonomics.

Up to **30***
fewer minutes

of operator's time per round spent in a potentially hazardous drilling area

IMPROVE SAFETY

75 holes per round, average bit life 5 holes, 2 minute average time to change the bit manually in the front of drill

Up to **50%***
productivity

increase compared to current industry benchmark

PRODUCTION PERFORMANCE

Teleremote drilling enables more reliable perimeter and bottom holes while the unit is unmanned

Up to **18***
times more

drilled meters without leaving the cabin for manual bit change

OPTIMIZED PROCESS

TELEREMOTE DRILLING:

The advanced and portable drilling control is a reliable and easy way to control the unit drilling operations from a remote location.

INCREASED PRODUCTIVITY by drilling additional holes at the perimeter and bottom areas while the unit is unmanned

IMPROVED SAFETY via less operator exposure to underground conditions

REDUCED EQUIPMENT DAMAGE thanks to better control of unit behavior while drilling unmanned



DRILL BIT CHANGER:

A Sandvik patented drill bit changer further improves drilling productivity, allowing the operator to drill a full round without leaving the cabin to change the bit manually.

ADDED PRODUCTIVITY

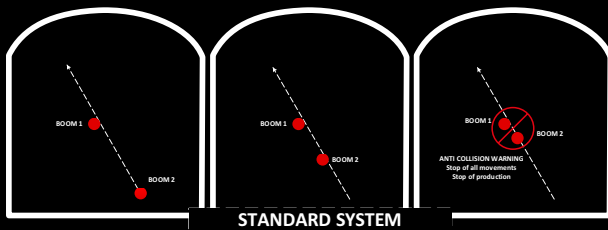
without dependence on bit life while drilling from a remote location

IMPROVED OPERATOR SAFETY AND COMFORT

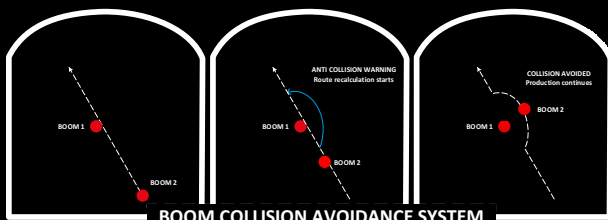
by reducing the need to enter/exit the cabin

IMPROVED SAFETY

by limiting the time the operator spends in front of the drill in potentially hazardous areas



STANDARD SYSTEM



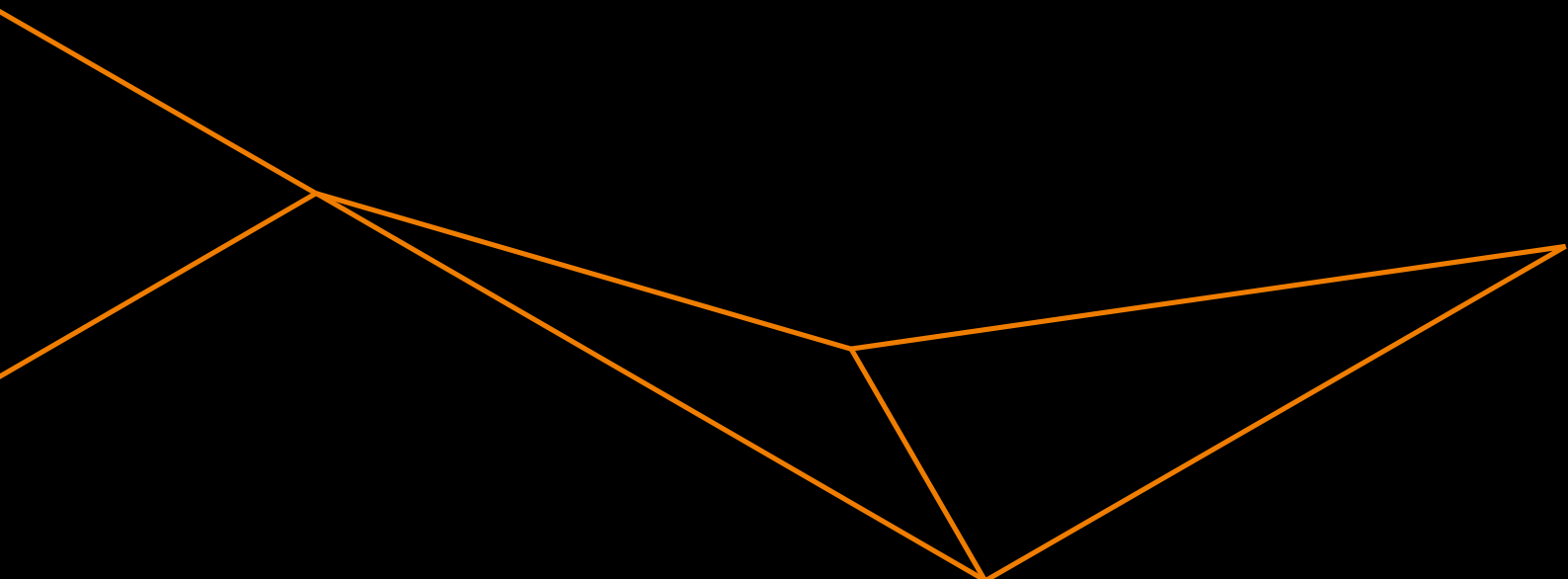
BOOM COLLISION AVOIDANCE SYSTEM

BOOM COLLISION AVOIDANCE SYSTEM:

The new boom collision avoidance system improves the reliability of automatic boom movements by identifying the possible collision risks with another boom or carrier. Based on dynamic route recalculation the system not only helps to avoid collisions but helps maintain production rates.

REDUCED BOOM DAMAGES
by reducing boom collision risk

INCREASED PRODUCTIVITY
by improving the reliability of automatic boom movements



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