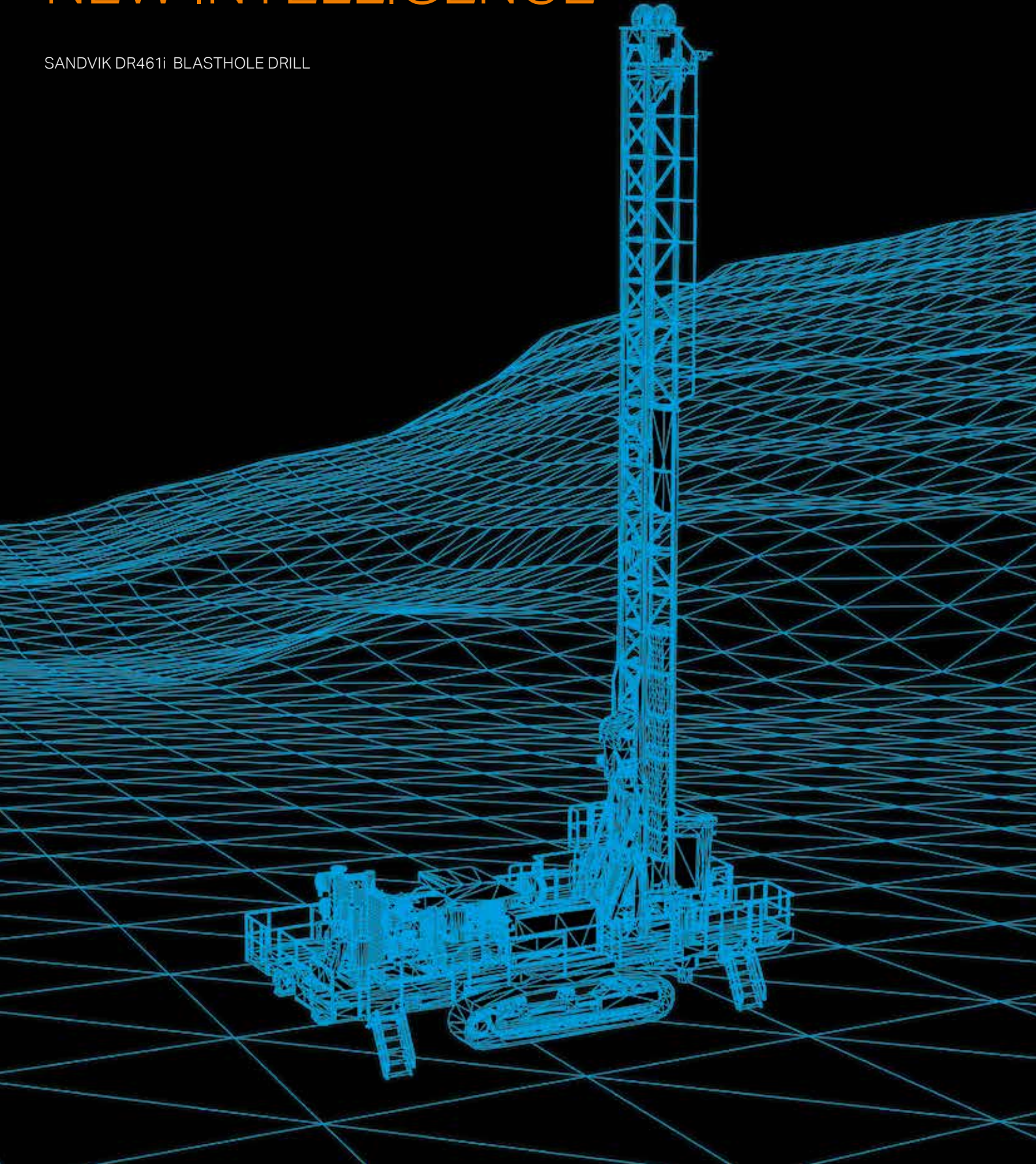




PROVEN RELIABILITY NEW INTELLIGENCE

SANDVIK DR461i BLASTHOLE DRILL



SANDVIK DR461i DEPENDABLE DURABILITY

For decades, you've counted on Sandvik to engineer the most durable products on the market. Developed and enhanced in close cooperation with our customers and trialed at one of Nevada's largest and longest-running gold mines, Sandvik DR461i is automation-ready and packed with proven technology to guarantee reliability.

In an unpredictable mining industry, you demand predictability in your blasthole drilling. Sandvik DR461i, the advanced successor to our time-tested DR460, delivers dependable penetration in the world's harshest mining conditions. Equipped for rotary or down-the-hole drilling, Sandvik DR461i will improve safety, reliability and productivity in your surface operation.





HIGHER PRODUCTIVITY THROUGH INNOVATION

Sandvik DR461i uses a CAN bus controlled hydraulic system to monitor the machine, allowing for timely preventative maintenance and delivering higher availability.

RUGGED DESIGN

Sandvik DR461i is equipped to drill 216 to 311 millimeter (8 ½ to 12 ¼ inch) diameter blastholes with single-pass capacity of 18 meters (59 feet) or multi-pass capacity of 75 meters (246 feet).

BUILT TO LAST

Heavy-duty undercarriage designed for mining.

INNOVATION FOR SAFER MAINTENANCE

Pipes can be handled from within the cab using the hydraulic breakout wrench.

OPERATOR COMFORT AND CONTROL

The new-generation ergonomically-designed cab includes controls on the armrests, touchscreens, angled windows to reduce glare and a safari-style roof to keep the cab cooler.

EASIER ACCESS

Wider, 360-degree walkways enable superior drill access for routine maintenance. An optional hydraulic main-access stairway can be mounted to provide a parallel step onto and off of the drill.

DESIGNED WITH SAFETY IN MIND

We designed Sandvik DR461i with worldwide standards in mind, such as Mining Design Guidelines (MDG) for mobile and transportable equipment in mines, Earth Moving Equipment Safety Round Table (EMESRT) Design Philosophies and CE conformity marking.

PERFORMANCE

	Metric	Imperial
Hole diameter	216 - 311 mm	8 ½ - 12 ¼ in
Maximum hole depth - Multi-pass	75 m	246 ft
Maximum hole depth - Single-pass	31 m	102 ft
First pass capability - Multi-pass	12.3 m	40.5 ft
First pass capability - Single-pass	18 m	59 ft
Feed		
Maximum pulldown	356 kN	80,000 lbf
Maximum bit load	400 kN	90,000 lbf
Feed rate up/down - Single-pass	0 - 43.9 m/min	0 - 144 fpm
Feed rate up - Multi-pass	0 - 43.9 m/min	0 - 144 fpm
Feed rate down - Multi-pass	0 - 41.2 m/min	0 - 135 fpm
Engine, Cummins QST30, Tier II		
Power	783 kW	1,050 hp
RPM	1,800	
Compressor		
High pressure DTH	Volume Pressure	41 m ³ /min 24.1 bar 1,450 scfm 350 psi
Low pressure Rotary	Volume Pressure	56.6 m ³ /min 6.9 bar 2,000 scfm 100 psi
Hoist		
Hoist rate	0 - 43.9 m/min	0 - 144 fpm

Undercarriage, Model - Sandvik S46HD



We worked with Barrick Gold Corp., one of the largest gold producers in the world, to test Sandvik DR461i at its Cortez mine in Elko, Nevada.



Sandvik DR461i includes more walkways for better serviceability and access with open serrated grip strut material. We've laid the grating in the direction of foot traffic to enable mud to fall through.

EXPERIENCE AND IMAGINATION

TOTAL SOLUTIONS

For more than 150 years the name Sandvik has been synonymous with quality. In our quest to provide total solutions for our customers, we have invested heavily in research and development of new products and acquired strong brands. Each piece in our offering works together, creating unique synergies and delivering you value.

WORLDWIDE PRESENCE

Our established worldwide distributor network not only enables us to have a global presence, but also positions us to support you no matter where you operate. Customers in localized markets have access to a support network with years of global experience. Our philosophy of thinking globally and acting locally guarantees that you'll always have access to the very best products and services available.

KNOWLEDGE BASED ON EXPERIENCE

Our experience in the mining industry is unmatched. Since 1862, Sandvik has been a driving force in the industry, and today Sandvik Mining is part of a global engineering group, supporting our customers with our unique experience, solutions-based approach and market-leading equipment.

Through our global organization, you gain access to a rich knowledge bank, which ensures we will apply the right technology for your application. Experience is the backbone of our offering.

AFTERSALES SUPPORT

At Sandvik, we believe the sale of our equipment is the beginning of our relationship with you—not the end. Our global team ensures that you, the customer, receive the very best parts support service that the industry can offer. Your initial purchase is only the start of a unique partnership with us. Our service team is here to help you and support your needs throughout the long, profitable lifetime of your machines. The Sandvik global network of aftersales and service engineers work in conjunction with our global distributor network to ensure help is always at hand.

