

SANDVIK

D25KS/D245S

ROTARY BLAST HOLE DRILLS





A HISTORY OF INNOVATION 1862 – PRESENT

Only one thing can take a company from a small town in Sweden to a worldwide operation. Innovation. With it, we've created a legacy of problem-solving with an unwavering commitment to quality.

That means every Sandvik product is a product you can depend on.



COMPACT DRILLS DELIVER TOP PERFORMANCE

BUILT TO LAST!

Rotary blasthole drills from Sandvik set the standard for productivity, durability, and cost effectiveness. These machines are built for continuous drilling in some of the harshest operating environments in the world. Proven designs, rigid lattice style masts, heavy duty pulldown chains, and durable power groups place these rigs in a class of their own. Choose the right Sandvik rig for your needs and count on it to perform for years to come.

PROVEN DRILLS FOR DEPENDABLE OPERATION

The diesel powered, self-propelled crawler mounted D25KS and D245S drills deliver the most performance from a compact production machine. Sharing a common platform, the extensive lists of standard and optional equipment maximize these drills' performances in an impressive range of applications. Regardless of the specification, each D25KS and D245S is mounted on a powerful undercarriage and is highly maneuverable and stable. First pass capability is 8,65 m (28' 5"), augmented with additional pipe loaders for multi pass drilling.

D25KS

The D25KS is equipped as a down-the-hole (DTH) hammer drill, including a high pressure air compressor, air line lubricator and fine feed control. It is commonly used in large quarries and in gold and other metals mines. It is the drill of choice among many contractors.

- 127 to 172 mm (5" to 6 3/4") diameter holes
- Drilled depths up to 27 m (88')
- Pulldown 124 kN (27,800 lbf)
- Bit load up to 143 kN (32,000 lbf)

D245S

The D245S comes standard as a rotary drill, with a low pressure compressor and stronger hydraulics for pulldown. Its most popular application is coal mining. With optional high pressure air, the D245S is a versatile combination machine to rotary drill in overburden and hammer drill in aggregate or ore.

- 127 to 203 mm (5" to 8") diameter holes
- Drilled depths up to 45 m (148')
- Pulldown 185 kN (41,500 lbf)
- Bit load up to 209 kN (47,000 lbf)



KEY PRODUCT FEATURES

01

Rigid lattice style masts and heavy duty pulldown chains are part of the package that make Sandvik's D25KS and D245S blasthole drills top performers in a class of their own. The angle drilling option is one of the many features that drive this performance in an impressive range of applications. The mast can be set in 5° increments, from 0° to 30° for drilling angle holes.

02

The effective handling of drill pipe contributes to shorter cycle times and more holes drilled. The D25KS has a max depth of 27m (88') and can handle two pipe sizes with the optional loader. The D245S can drill to a max depth of 45m (148').

03

Increasing the driller's comfort and functionality supports a safer environment and contributes to greater work output. We utilize worldwide safety standards and guidelines (Mining Design Guidelines and Earth Moving Equipment Safety Round Table) during our design process.

04

Sandvik hydraulic systems manage power operation with few moving parts, produce abundant power, work under extreme operating conditions, and are self lubricating.

05

Moving and set-up are important parts of the drilling cycle. To overcome the rugged terrain in a mining environment, Sandvik drills deliver top performance from strong, structurally sound undercarriages and heavy duty frames, to standard two-speed tramming on the D25KS and as an option on the D245S.

06

These drills have solid engine and compressor options that provide the right combination for each drilling condition. Compressor Management System (lite) reduces CO2 emissions, saves 20-30% on fuel with a proportional increase in engine and compressor life.

07

Open well-designed, simplified work deck offers quick access for easy troubleshooting and serviceability.

D25KS/D245S

01 ▼

02 ▼

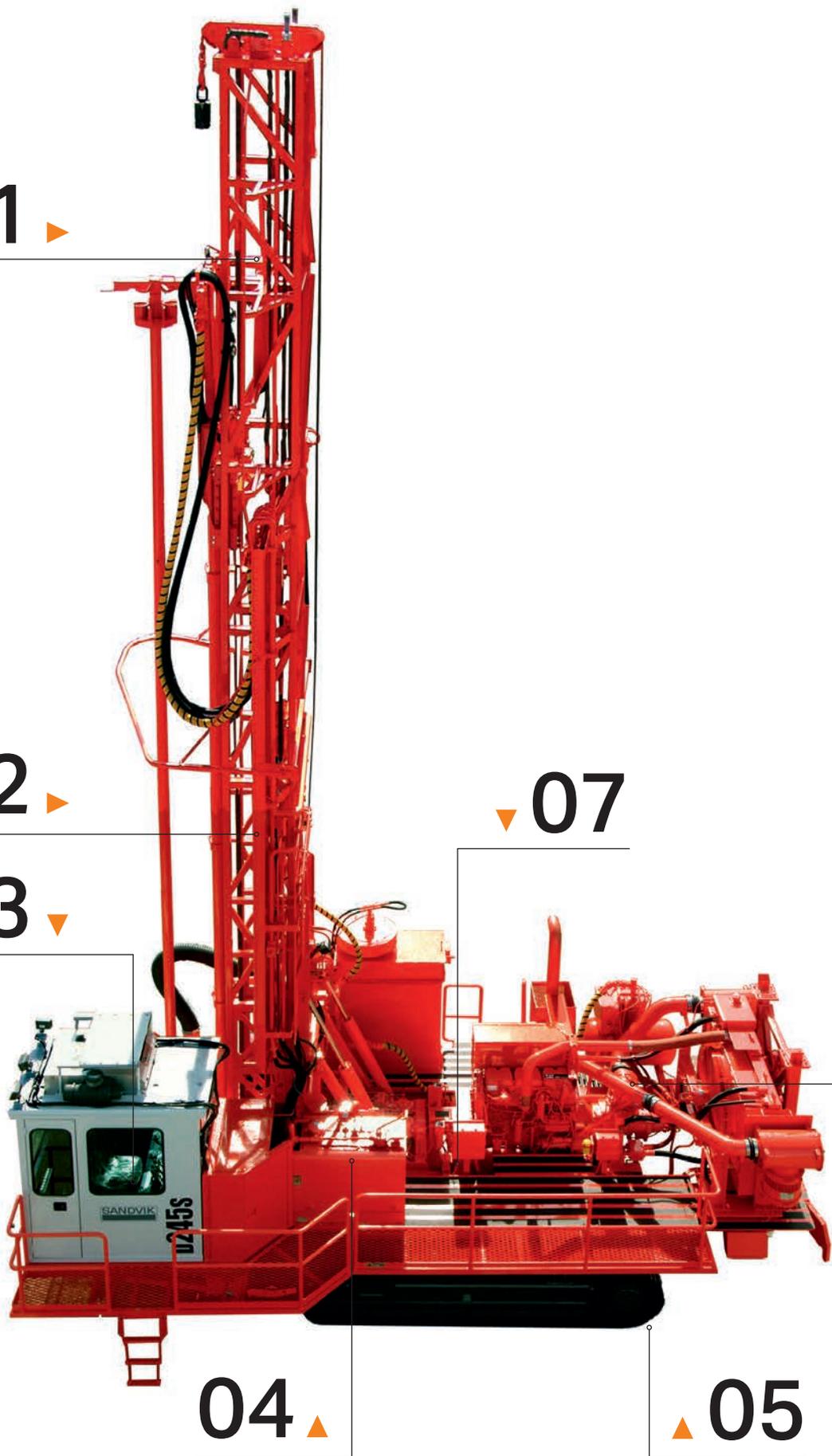
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MACHINE SPECIFICATIONS

D25KS/D245S

D25KS	METRIC	IMPERIAL
Hole diameter	140-172 mm	5 1/2" - 6 3/4"
Maximum hole depth - Single-pass	27 m	88'
First pass capability - Single-pass	8.65 m	28' 5"
FEED		
Maximum pulldown	124 kN	27,800 lbf/ft
Maximum bit load	143 kN	32,000 lbf/ft
Feed rate up/down - Single-pass	0-32 m/min	0-105 fpm
ENGINE, CAT C18*		
Power	469 kW	629 hp
RPM	1,800 rpm	
High pressure	32.8 m ³ /min	1,160 scfm
DTH	24.1 bar	350 psi
HOIST		
Hoist rate	0-68.3 m/min	0-224 fpm

*Optional power group shown - consult factory for other configurations

D245S	METRIC	IMPERIAL
Hole diameter	127-203 mm	5"-8"
Maximum hole depth - Single-pass	45 m	148'
First pass capability - Single-pass	8.65 m	28.5"
FEED		
Maximum pulldown	185 kN	41,500 lbf/ft
Maximum bit load	209 kN	47,000 lbf/ft
Feed rate up/down - Single-pass	0-21 m/min	0-68 fpm
ENGINE, CAT C15*		
Power	402 kW	539 hp
RPM	2,100 rpm	
Low pressure	34.6 m ³ /min	1,225 scfm
Rotary	6.9 bar	100 psi
HOIST		
Hoist rate	0-68.3 m/min	0-224 fpm

*Optional power group shown - consult factory for other configurations





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