

TECHNICAL SPECIFICATION IN BRIEF

TECHNICAL DATA	DT912D
Coverage area	14 000 x 10 000 mm (125 m ²)
Hydraulic rock drill	1 x Sandvik RD525 (optional RD520)
Drill feed	1 x Sandvik TF5i-16'
Boom	1 x Sandvik SB150 (optional SB90)
Drilling control system	Sandvik SICA
Hole length	Up to 6 180 mm
Turning width (T-section)	4 500 mm
Tramming / drilling width	2 500 mm / 3 000 mm
Tramming / drilling height	3 590 mm / 3 590 mm (3 190 mm with cabin lifting option)
Tramming length	14 900 mm (with TF500-16')
Total weight	24 000 kg depending on options

ADDITIONAL INSTRUMENTATION LEVELS (OPTIONAL)

SILVER PACKAGE

- Drilling angles and drilling depth monitoring

GOLD PACKAGE

- Semi-automatic drilling according to drill plan
+ Silver features

PLATINUM PACKAGE

- Automatic boom movements/drilling cycle
+ Gold features

B2-2031ENG-0316-xxxx © Sandvik Mining and Construction Oy 2016. SANDVIK is a registered trademark owned by Sandvik Intellectual Property AB in Sweden and other countries. Note: Machines shown in pictures may be equipped with options.

SANDVIK DT912D INTELLIGENT EFFICIENCY

TUNNELING DRILLS



HIGH QUALITY – ELEVATED PRODUCTIVITY

Sandvik DT912D – a self-contained, air-mist flushing, diesel-hydraulic high reach single boom jumbo – offers high quality drilling in its most advanced form. Designed for fast and accurate drifting and production drilling of 12 to 125 m² cross sections, the 24-ton jumbo combines Sandvik's novel technology, creativity and expertise with the vast experience gained over the decades in the business. Simply put, the DT912D is an optimal machine for multifaceted operations, and can take your excavation efficiency to another level.

GREATER DRILLING POWER THAN EVER BEFORE

The DT912D has boosted performance written all over it. Featuring a Sandvik RD525 rock drill for superior drilling performance with high lifetime, and the most powerful engine (Cummins Tier 4F) ever installed on a diesel hydraulic jumbo, the machine can bring a true boost to your productivity with low fuel consumption.

The jumbo has an electric controlled drilling system with added automatic functions, including one-hole automatics. It is equipped with a Sandvik SB150 universal boom for large, optimally shaped coverage and full automatic parallelism. In addition to its basic tasks, the versatile boom can also be used for crosscutting, bolthole drilling and extension drilling.

COMPLETELY SELF-CONTAINED FOR FLEXIBILITY AND SPEED OF USE

Onboard compressor and water tank for air-mist flushing allow the DT912D to operate independently from the tunnel or mine infrastructure. This enhances the efficiency of the total cycle time and gives extra flexibility of use.

The DT912D offers rapid and safe, balanced tramming thanks to its powerful, 4-wheel-drive center articulated carrier. As the ROPS/FOPS compliant cabin is insulated to minimize noise and vibration, it makes for an ergonomic workplace for the operator, with excellent visibility for both tramming and drilling. Furthermore, the well-proven Sandvik Intelligent Control system Architecture (SICA) with comprehensive built-in diagnostics ensures ease of use for the operator and maintenance.

To ensure the best performance, the DT912D offers different instrumentation levels to choose from, optimizing its performance in accordance with your specific needs.

Sandvik DT912D – a self-contained, air-mist flushing, diesel-hydraulic high reach single boom jumbo – offers high quality drilling in its most advanced form.



EASY REACH TO MAINTENANCE POINTS



EXAMPLES OF OPTIONS



- SB90 (SB150 boom as a standard)



- Fire extinguisher

EHS



- FOPS and ROPS approved cabin design



- Ergonomic and adjustable operator environment
- Added visibility by elevating cabin (option)

PRODUCTIVITY



- Efficient RD525 rock drill for high performance rates (RD520 option)



- Powerful Tier 4F diesel engine with minimized emissions



- Drilling and boom controls: one hole automatics. Additional instrumentation level available for drilling angles.



- Onboard compressor and water tank for air-mist flushing



- Sandvik Intelligent Control System Architecture (SICA): nine different hole type settings and three alternative control methods

SAFETY

Safety is a basic value for us and an inbuilt property of all our drill rigs. On top of the proactive work to improve operational safety we turn requirements into technical solutions – as a result Sandvik DT912D complies fully with the new drill rig safety standard EN16228.