



SANDVIK DT922i THE ULTIMATE ALL-ROUNDER



T125M2
DRILLING
COVERAGE

17% HIGHER
PENETRATION
RATES

25%
LARGER
VISIBILITY
SECTOR

CABIN NOISE
LEVEL UNDER
69 DB

OPTIMIZED
DRILL AND BLAST
PLANNING

HYDROSTATIC
TRANSMISSION
SYSTEM
& MULTIVOLTAGE
CONCEPT

SEE THE BIG PICTURE

At Sandvik, we have worked with drilling solutions for more than 50 years creating cutting-edge technology to serve you with the best solution for your application. Still we continue to explore new possibilities for product, process, and service development - we understand that to be the forerunner it is essential to see the bigger picture.

Our new DT922i, a fully automated tunneling jumbo with versatility and true power, truly hits the mark. It withholds unique intelligence that understands excavation and will handle any tunneling job that comes along – it is truly a multiplayer. Give it a chance, and it will change the way you view the future of tunneling.

GROUNDBREAKING IMPROVEMENTS AND ULTIMATE VERSATILITY

The DT922i is designed to improve your tunneling results – significantly. You will see an enhancement in overall tunneling quality through the machine's novel automation and planning functions, all doing their part for less over- and underbreak and better pullout. The DT922i's full face drilling automation and high performance RD525 rock drill will increase your productivity; your overall costs will be reduced through increased uptime percentages and the machine's genuine adaptiveness to different working sites and conditions. While drilling the way you want it to, the DT922i offers substantial improvements in the environment, health

and safety features as well. The brand new cabin with a 25 % larger visibility sector than before and noise levels under 69 dB at all times, offers an enjoyable working environment. In addition, laser scanner access detection system for personnel safety, and optional Tier 4 Final engines for minimized emissions – just to name a few of the machine's EHS-features – make the DT922i a real trailblazer in modern underground drilling.



Our DT922i has a comfortable new cabin with high visibility and extremely low noise levels.

PRODUCT WALKAROUND



1 ACCURACY TO THE MAX
Two accurate SB100i booms equipped with stiff square shape profile. New easy-to-use boom control system with three different modes for manual boom control.

2 EFFICIENT DRILLING
RD525 Rock Drill: 17 percent higher penetration rates and 40 percent longer tool life for the shank and 17 percent for the bits compared with HLX 5.
Based on field test results.

3 OPTIMIZED PLANNING LEADS TO PERFORMANCE
iSURE & MWD measurement: optimized drill and blast planning, reporting, and rock measurement for improved tunneling quality.

4 SEE THE BIG PICTURE
Brand new cabin design for improved ergonomics and maximized safety: 25 percent larger visibility sector, reduced dust levels and more space.

5 ENJOY THE SILENCE
With noise levels under 69 dB at all times, the cabin offers comfortable and safe working environment.

6 VERSATILITY: CARRIER + MULTIVOLTAGE
A new articulated carrier with a hydrostatic transmission system and joystick control. Multivoltage concept for different electric voltages at different work sites.

7 LESS DEVIATION & BETTER THROUGHPUT
Optimized performance with drilling automation; new intelligent drilling control system that has nine different hole type settings and three alternative control methods: manual drilling control, feed-percussion follow-up, and intelligent torque control.

8 HIGH QUALITY POWER
Available with Tier 3 diesel engine (119 kW) as a standard, and Tier 4 Final (122 kW) as an option. Powerpack consists of two 75kW IE3 compliant electric motors.

9 LET THERE BE LIGHT
All lights based on LED-technology; compared to High Intensity Discharge (HID) lights, the LEDs have up to 500 % longer lifetime and consume 50 % less energy.

10 ISURE®
Comprehensive tool for creating accurate plans for drilling, charging and blasting. Data collection and analysis tool for improving work cycle and process.

11 VISIBILITY & ADAPTIVITY
New cabin lifting system (optional) gives excellent visibility, but also allows you to tram in low tunnels.



COMPREHENSIVE DIAGNOSTICS
All drilling and carrier diagnostics split into logical subsystems and shown on one display.

TECHNICAL SPECIFICATION IN BRIEF

TECHNICAL DATA	DT922I
Height	3 590 mm (3 190 mm*)
Width	2 500 mm (with extended front jacks 3 500 mm)
Length	14 990 mm
Weight	30 000 kg depending on options
Drilling coverage	9 000 x 14 800 mm (2 x SB100i)
Rock drill	RD525 rock drill
Control system	Sandvik Intelligent Control System Architecture (SICA)
Powerpack (drilling)	2 x 75kW (IE3)
Water pump	WBP3 HP (375 l/min / 11 kW)
Air compressor	CTN10, 1 m ³ /min (7 bar / 7,5 kW)
Air compressor (optional)	CTN28, 2,8 m ³ /min
Diesel engine	QSB4.5, 119 kW, Tier 3, Stage III
Diesel engine (optional)	QSB4.5, 122 kW, Tier 4F, Stage IV
Transmission	Hydrostatic
Automation levels	GOLD (standard) / PLATINUM (option)

* Minimum 3,190 mm with cabin lifting system

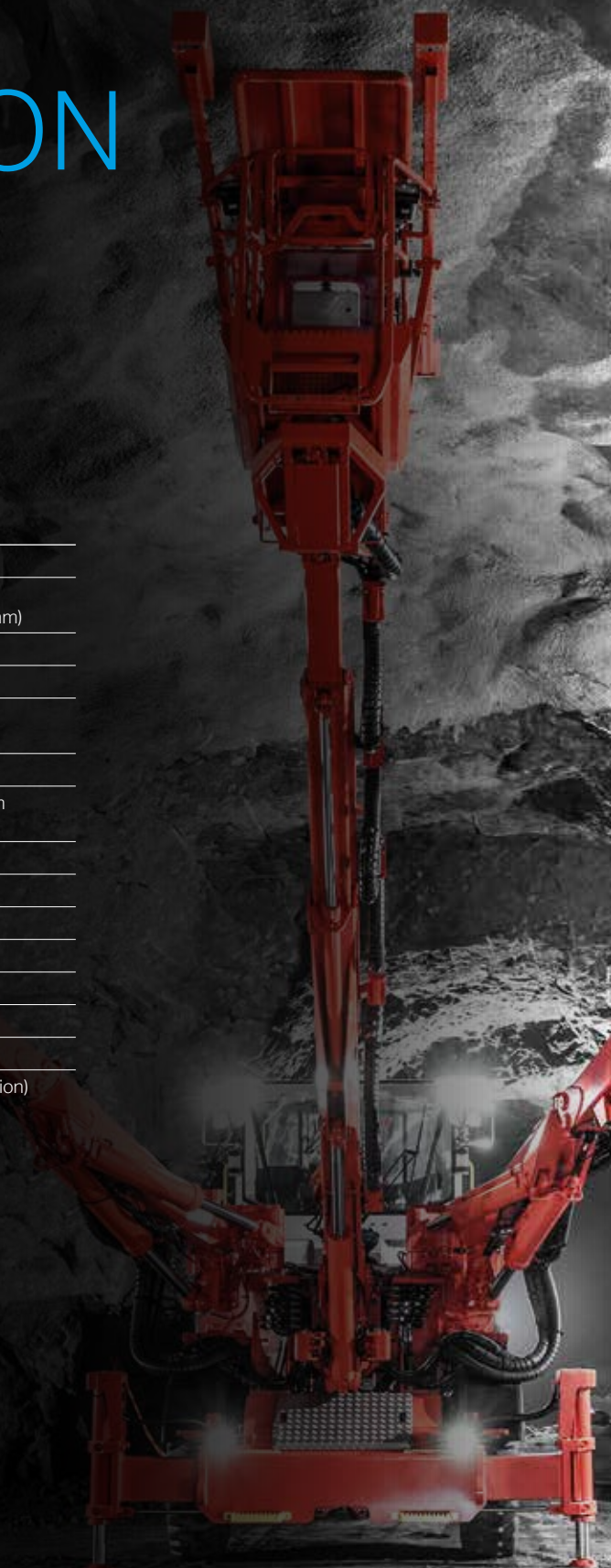
AUTOMATION LEVELS

GOLD PACKAGE (STANDARD)

- Torque-based drilling
- Manual boom control
- Manual rod handling (where available)
- Drill to predefined depth
- Feed angle measurement
- Drill bit location measurement
- Drill plan visualization
- Rig navigation
- Automatic long hole drilling (option)

PLATINUM PACKAGE (OPTIONAL)

- All the Gold package features
- Full automatic face drilling "iDATA"
- Semi-auto mode





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