## TECHNICAL SPECIFICATION IN BRIEF

**TECHNICAL DATA RANGER DQ500**

- **Recommended hole diameter**: 45–89 mm / 1 3/4”–3 1/2”
- **Drill rod / tube diameter**: 32, 38, 45 mm / 1 1/4”, 1 1/2”, 1 3/4”
- **Hydraulic rock drill**: HL 510, 15.5 kW / 21 hp
- **Engine type**: Caterpillar C7.1 Tier3 / Tier4F
- **Engine output power**: 168 kW, 1 800 rpm (228 hp, 1 800 rpm)
- **Flushing air capacity**: 6.2 m³/min up to 10 bar
- **Operator cabin**: Ergo with Air Conditioning
- **Certificate**: ROPS and FOPS
- **Transport length**: 7.2 / 10.7 m (23.6 / 35.1 ft)
- **Transport width**: 2.5 m (8.2 ft)
- **Transport height**: 3.6 / 3.2 m (11.8 / 10.5 ft)
- **Weight**: 15 400 kg / 33 950 lbs

**TECHNICAL DATA TRIMMER DQ440R / ZR**

- **Frame length**: DQ440R: 4 600 mm / 15.09 ft, DQ440ZR: 3 500 mm / 11.48 ft
- **Drilling length**: DQ440R: 4 200 mm / 13.78 ft, DQ440ZR: 3 100 mm / 10.17 ft
- **Chain feed**: 4 x CF100 x 24
- **Feed length**: 3 670 mm / 12.04 ft
- **Rock drill travel**: 2 670 mm / 8.76 ft
- **Hydraulic rock drill**: 4 x HEX1, 5.5 kW
- **Flushing air capacity**: 5 m³/min, up to 8 bar
- **Drill rod diameters**: 19 or 22 mm / 3/4” or 7/8”
- **Control system**: 4 x TA341E, radio remote
- **Weight (without options)**: 4 000 kg / 8 818 lbs

**TECHNICAL DATA TRIMMER DQ240R**

- **Frame length**: 3 560 mm / 11.68 ft
- **Drilling length**: 3 150 mm / 10.33 ft
- **Chain feed**: 2 x CF100 x 24
- **Feed length**: 3 670 mm / 12.04 ft
- **Rock drill travel**: 2 670 mm / 8.76 ft
- **Hydraulic rock drill**: 2 x HEX1, 5.5 kW
- **Flushing air capacity**: 3.5 m³/min, up to 8 bar
- **Drill rod diameters**: 19 or 22 mm / 3/4” or 7/8”
- **Control system**: 2 x TA341E, radio remote
- **Weight (without options)**: 2 400 kg / 5 291 lbs

SCAN THE CODE AND READ MORE.

CONSTRUCTION.SANDVIK.COM
For us at Sandvik, rock is an old friend, which we know by heart. Using thorough knowledge as the basis for development work, we have been able to design and create cutting-edge solutions for different types of rock drilling applications for over 50 years now. Today, our drilling equipment is world famous for its features and abilities that allow you to reach the best possible results in your drilling tasks - such as in dimensional stone quarrying.

**THE DQ SERIES DRILL RIGS FOR DIMENSIONAL STONE QUARRYING – SAFE, ACCURATE & FAST**

Our drilling equipment for the dimensional stone industry includes compact rig assemblies for attachment to carriers such as hydraulic excavators, as well as self-propelled, diesel-powered drill rigs that are completely self-contained. They will match the requirements of dimensional stone quarrying by producing excellent block quality and as well as the dimensions you set them to.

The DQ series consists of four different rigs: Ranger DQ500, Trimmer DQ440R, Trimmer DQ440ZR and Trimmer DQ240R. Each of them is designed to drill straight, accurately placed holes quickly, safely, efficiently and economically. Covering applications such as line drilling, splitting, trimming and pillar hole drilling, they are equipped with powerful, energy-efficient hydraulic rock drills, ergonomic controls and efficient dust collectors.

**OVERVIEW – FEATURES AND BENEFITS**

**SANDVIK TRIMMER DQ240R FOR LINE DRILLING**

Trimmer DQ240R is a hydraulic, excavator mounted line drilling, splitting and squaring unit for dimensional stone quarries.

- Long feeds enable to drill deep holes and give excellent drill meters per shift
- Robust and proven frame design ensures parallelism of drilled holes
- Full drilling automation for even hole spacing and high drilling performance gives invincible block quality
- Radio remote control and advanced drilling automation ensure operators' working ergonomy

**SANDVIK RANGER DQ500 FOR PILOT HOLE DRILLING**

Ranger DQ500 is a hydraulic, self-contained, crawler based surface drilling rig equipped with a cab, radio remote control and a rod handling system. The Ranger DQ500 is designed for pilot hole drilling in dimensional stone quarries.

- Hydraulic roll-over boom for horizontal drilling
- Turning upper structure for large drilling coverage
- Customized chain feed and rod handler for minimum ground clearance
- Additional support flaps for the feed give extra stability during drilling
- Fall remote control of the drilling, boom movements and tramming
- ROPS and FOPS certified safety cabins

**SANDVIK TRIMMER DQ440R/ZR FOR SPLITTING**

Trimmer DQ440R and DQ440ZR are hydraulic, excavator mounted splitting and trimming units for dimensional stone quarries.

- Equipped with four rock drills for extreme productivity and high utilization
- Full drilling frame ensures parallelism of drilled holes
- Robust and proven frame design ensures parallelism of drilled holes
- Radio remote control and advanced drilling automation ensure operators' working ergonomy

**SANDVIK TRIMMER DQ240R FOR PILOT HOLE DRILLING**

Trimmer DQ240R is a hydraulic, excavator mounted line drilling, splitting and squaring unit for dimensional stone quarries.

- Long feeds enable to drill deep holes and give excellent drill meters per shift
- Robust and proven frame design ensures parallelism of drilled holes
- Full drilling automation for even hole spacing and high drilling performance gives invincible block quality
- Radio remote control and advanced drilling automation ensure operators' working ergonomy

**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 result the DQ series drill rigs comply fully with the new drill rig safety standard EN16228.