

# Sandvik DI600

## Always a hole ahead



# Enjoy the power and precision

## **EXPERIENCE FOR YOUR BENEFIT**

As the offspring of the well-known BPI Titon 600, the Sandvik DI600 DTH rigs are a result of 40 years experience in developing down-the-hole drilling technology. The Sandvik DI600 is the ultimate solution for drilling in open pit mines and quarries. It is fast, powerful and precise, and designed for drilling in the hole range of 110 – 190 mm (4 ½ - 7 ½”), of up to 42 meters (137,8 ft) depth. The Sandvik DI600 is also well suited for presplitting and sampling.

## **FAST, MOBILE AND STABLE**

Thanks to the oscillating crawler tracks and the compact design, the Sandvik DI600 is extremely mobile and has a high gradeability in rough terrain. It supplies two speed tramming of up to 3,5 km/h (2.18 mph). The high tramming power together with the rig's smart design makes the DI600 a good climber, nimble and smooth in its movements. The Sandvik DI600 is exceptionally steady during drilling thanks to a smartly designed ground support. Adding to the excellent stability is a low center of gravity.

The rig features a spacious ROPS/FOPS certified safety cabin with large windows, excellent visibility, heating and air conditioner. Adding to operator comfort and productivity are a comfortable and ergonomic seat and easy joystick operation.

## **ACCURATE POWER MACHINE**

Equipped with a powerful CAT C15 engine (or optional Cummins QSX 15) the Sandvik DI600 is the right choice for high productivity demands. The rig supplies an exceptionally high level of performance. Its large 28 m<sup>3</sup>/min (1000 cfm) compressor offers plenty of air to operate the 6” DTH hammers at maximum and guarantees efficient cleaning of holes. The hammers produce straight and accurate holes – always cost efficiently.

The DI600's inline power pack arrangement offers excellent power utilization. The design significantly cuts out energy loss and increases the rig's productivity. Service is simple in the DI600. Thanks to the big practical gullwing-type doors and smart component layout, all the service points are easily accessible.

Straight access to all service points.



Compact design for excellent maneuverability.



Visibility second to none.



## MEETING YOUR NEEDS WITH DEDICATION

It is essential that you have drills that perform, whenever and wherever needed. At Sandvik, we design drills that do their individual jobs exceptionally well. But we know that a drill is just one element in a much larger process. Therefore, at this very moment you will find Sandvik specialists hard at work everywhere in the world, exploring the possibilities for process and technology development and supporting you in your daily work.



Productivity in Action.



## HIGH PERFORMANCE

High performance Sandvik DI600 down-the-hole drill for production, pre-splitting, and sampling.



Straight performance.



## TECHNICAL SPECIFICATIONS

### DI 600

<i>Hole diameter</i>	110 - 190 mm (4 1/2 - 7 1/2")
<i>Drill tubes</i>	89 - 127 mm (3 1/2 - 5")
<i>Drill tube length</i>	6000 mm (20 ft)
<i>Drill depth</i>	up to 42 m (137,8 ft)
<i>Weight</i>	29 000 kg (63 934 lb)
<i>Width</i>	2,5 m (8'-2")
<i>Height</i>	3 m (10'-83")
<i>Length</i>	12,4 m (40'-8")
<i>Torque rotary head</i>	4000 Nm/0-100 min-1 (5700 opt.)
<i>Tramming speed</i>	3,5 km/h (2,2 mph)
<i>On-board compressor</i>	28 m <sup>3</sup> /min/ up to 24 bar (1 000 cfm/min/350 PSI)
<i>Dust collector</i>	81,7 m <sup>3</sup> /min at 1026 mm water column (2885 cfm/min at 3,36 ft water column)
<i>Engine</i>	CAT C15 403 kW (403 kW/540 hp) 1 800 rpm Cummins QSX 15 395 kW (530 hp) 1800 rpm



## EASE OF SERVICE

Clear component layout and gull-wing-type doors offer ease of service.



# Strong backup keeps your business running smoothly

## **SUPPORT WHERE IT COUNTS. ON THE JOB SITE**

Service is, of course, a matter of being available when problems occur as to avoid lengthy and costly downtime, this being a prerequisite for a profitable operation. We at Sandvik prefer seeing it more as a question of being proactive. Investment in preplanned service will help you protect your business from unexpected risks.

Sandvik service contracts let you concentrate on your main processes. They come in different levels so you can choose a program that best suits your needs. Sandvik drill steel, service kits and genuine spare parts ensure trouble-free drilling and maximize productivity. The 3 central distribution centers together with regional and local spare parts stock guarantee quick deliveries and keep your process running smoothly.

Sandvik's global sales and service resources are available to you worldwide. Our local service organization backed by factory field engineers is just a phone call away, always available to assist you whenever you need advice. More importantly, Sandvik service is a united global team of experts. They can assist each other when required, or put together special teams for specific cases. Moreover, we have one simple aim: to benefit your bottom line.

## **THERE IS ALWAYS SOMETHING MORE TO KNOW**

The **Sandvik SimQuarry™** is a smart but practical simulation tool for rock excavation process optimization. This tool helps you define the best combination of equipment, finetune your excavation and discover the ways of improving your profitability.

If you feel that you would need to learn more about the overall quarry or open pit process, the **Sandvik Quarry Academy** is an excellent option. This training course will improve your competence in quarry or open pit management.

Smart services benefit your bottom line.



### GLOBAL NETWORK

Sandvik has 3 500 service technicians spread in every corner of the world. They are only a local phone call away when you need help.



Dedicated experts.



# Productivity in Action

Sandvik is the leading company providing products, services and comprehensive solutions to the mining and construction industries.

Our range of products include equipment and tools for drilling, excavation machinery and crushing and screening machinery.

Every product is backed by extensive R&D, application expertise, a network of sales companies and authorized dealers, on-site service and training, and aftermarket support.

For decades Sandvik has worked in close partnership with customers, producing numerous innovative solutions that have improved our customers' productivity and profitability.

