

Commando™ DC300Ri Where next?



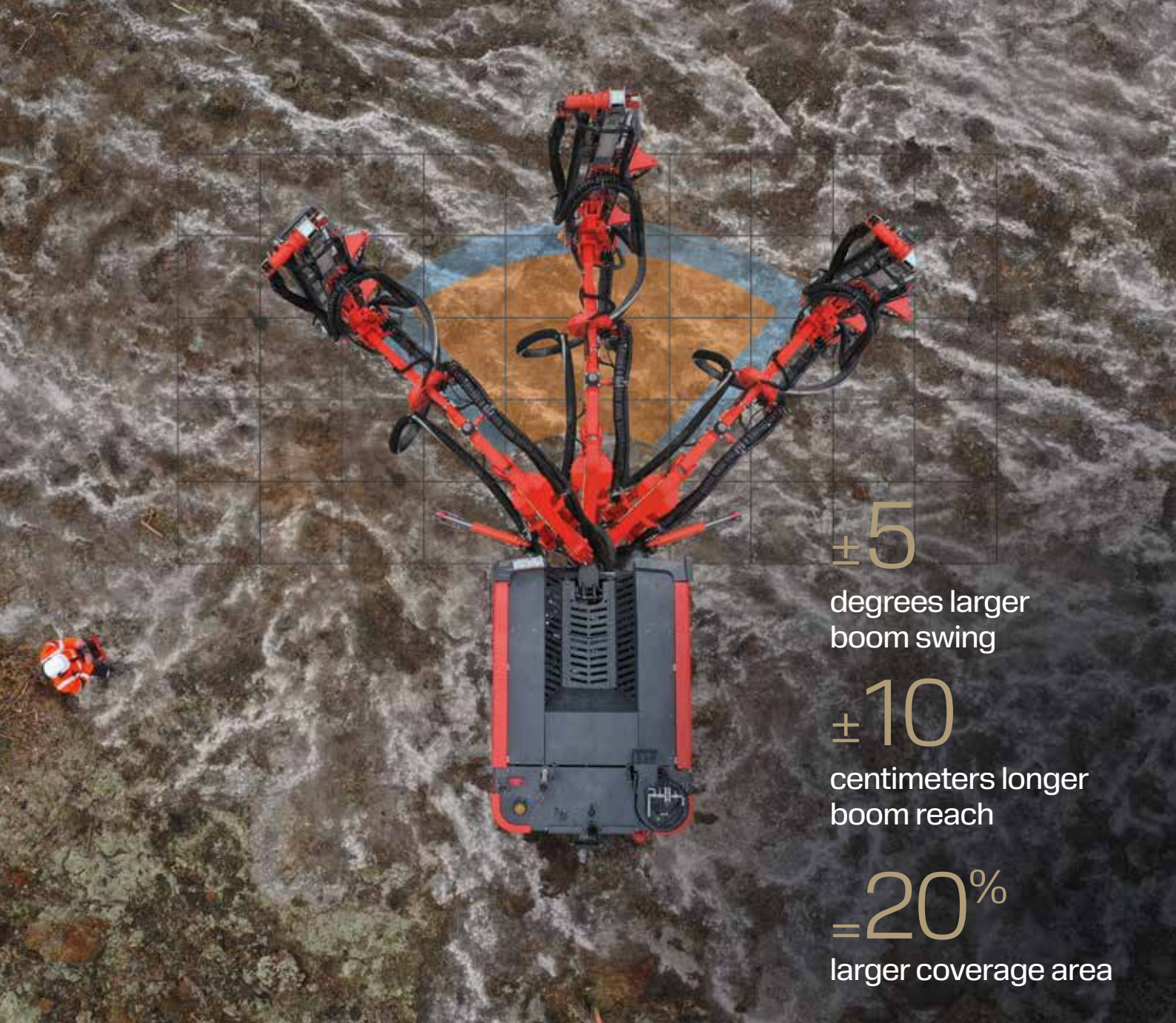
Designed for true versatility

The Commando™ DC300Ri is a modern fully radio remote-controlled, rubber tired surface top hammer drill rig with a vast hole size range (from 38 to 64 mm/1½ to 2½ inch) using R28, R32 and T35 MF-rods. The rig is equipped with four wheel drive motors and oscillation, which guarantees excellent mobility and stability in difficult terrain. Together with a boom structure and a reliable HL300 rock drill, the rig offers high productivity and low operating costs in challenging environments.

Designed for true versatility, Commando™ DC300Ri will perform at its best in many different construction jobs – all the way from foundation drilling and road cutting to tunneling applications. Making the most out of its outstanding mobility and agility, it will give your productivity a substantial boost. It is therefore an ideal choice for drill and blast contractors.

Versatile Commando™ DC300Ri is engineered to meet the needs of drill and blast contractors, as it suits a wide range of construction applications.





± 5

degrees larger
boom swing

± 10

centimeters longer
boom reach

$= 20\%$

larger coverage area

A robust boom design allows larger boom swing and reach, resulting in significantly enlarged coverage area.

Move.
Drill.
Repeat.

Main applications

Foundation drilling

Trenching

Channeling

Road cutting

Dimensional stone drilling

Secondary breaking

Grouting

Grouting

The most
advanced iTorque
drilling control
system

Equipped with the most advanced
drilling control system in its class,
Commando™ DC300Ri offers
ultimate drilling performance
and extended drill steel life.



Maximized performance minimized costs

The Commando™ DC300Ri consumes 30% less fuel compared to previous models in the same size class.

Commando™ DC300Ri is equipped with the well-known Sandvik HL300 hydraulic rock drill. It offers proven reliability and high penetration rates in a robust structure. Biodegradable oils can be used both in hydraulic and shank lubrication to reduce its environmental impacts. The robust boom structure with extended swing and reach results in a 20 percent larger coverage area (compared to earlier models), equaling 12m². A flushing air capacity of 3.0m³/min allows deeper hole depth with larger hole sizes, whilst the 24V electric system adds to durability.

The most advanced iTorque drilling control system available in its size class makes the Commando™ DC300Ri top-of-the-line in drilling performance. In addition to drilling productivity, the drilling control system contributes to longer steel life, translating into lower operational costs. Thanks to the intelligent compressor control system and CAT 3.6 74.4 kW Tier4F / Stage5 engine, the fuel consumption of Commando™ DC300Ri is decreased by more than 30 percent when compared to preceding models in the same size class.

Key features

Wide hole range from 38 to 64 mm (1½ to 2½ inch) with R28, R32 and T35 MF-rods
Rubber tired and oscillated: suitable for suburban areas and tunnelling projects
Fully radio remote-controlled
iTorque drilling control system
20% larger coverage area
Fuel consumption reduced by 30%

Examples of optional features: <ul style="list-style-type: none">- hydraulic roll-over- one rod adding system- auto-aligning- SanRemo remote monitoring- Remote Screen
Optional features especially for underground use: <ul style="list-style-type: none">- fast tramming mode- water flushing- exhaust purifier (Tier 3)- powerful LED lights

Test results and calculations are to be considered as results reached under certain and controlled test conditions. These test results and calculations should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results or calculations in any or all circumstances.

Outstanding mobility in a compact size

Commando™ DC300Ri is equipped with four powerful tramming motors with a maximum combined tramming force of 43 kN. Rubber tires and the ± 10 degree oscillation contribute to excellent maneuverability.

Commando™ DC300Ri follows the same unique modular design as other smaller Sandvik next generation surface drill rigs. This logical layout ensures high uptime with easily accessible service points, on-board diagnostics and small transportation dimensions. Its height of just 2.85

meters allows easy and fast transportation of the rig from site to site on a small truck or even a trailer.

Wide hole range and application specific on-board options make the Commando™ DC300Ri truly a multipurpose drill rig. It suits a wide range of civil construction works, such as road and railroad job sites, trenching, channeling and different foundation works. The extended reach and the optional hydraulic roll-over make the unit an ideal fit also for dimensional stone drilling and secondary breaking.

**Forget
challenges.
Maximize
your mobility.**



The drilling unit is extremely mobile and agile thanks to its rubber tires, four powerful tramming motors and ± 10 degree oscillation.



Logical layout ensures high uptime with easily accessible service points, on-board diagnostics and small transportation dimensions.

Technical data COMMANDO™ DC300Ri

Recommended hole diameter	38 - 64 mm (1½ - 2½ in.)
Drill rod diameter	R28, R32 or T35 MF-rods
Hydraulic rock drill	HL300, 9 kW
Engine	CAT C3.6, 74.4 kW (99.7 hp) / 2 200 rpm Tier3 / Tier4F / Stage5
Flushing air capacity	3 m³/min, up to 8 bar
Transport length	5.7 m (18.7 ft)
Transport width	2.35 m (7.7 ft)
Transport height	2.85 m (9.4 ft)
Weight	6 100 kg (13 448 lbs) (dry weight)



Want to know more?



or contact your local Sandvik representative.