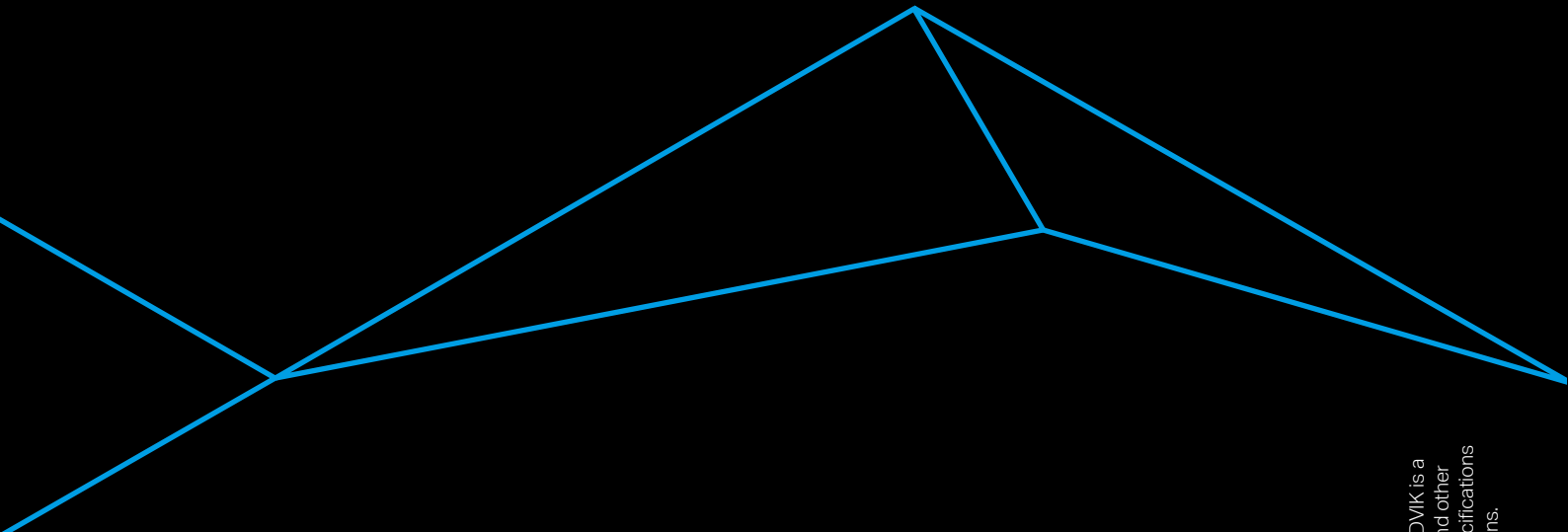


# TECHNICAL SPECIFICATION IN BRIEF

TECHNICAL DATA	PANTERA DP1100i TIER3	PANTERA DP1500i TIER3
Recommended hole-diameter	89–140 mm / 3½"–5½"	102–152 mm / 4"–6"
Drill rod / tube diameters	51, 60 mm 2", 2 3/8"	51, 60, 87 mm 2", 2 3/8", 3½"
Hydraulic rock drill	HL1060T RD1635CF (as option)	HL1560T RD1635CF (as option)
Percussion output power	25 kW, 34 hp	33 kW, 44 hp 35 kW, 48 hp
Engine type	Caterpillar C9	Caterpillar C11
Engine output power	224 kW, 1 800 rpm 300 hp, 1 800 rpm	261 kW, 1 800 rpm 350 hp, 1 800 rpm
Flushing air capacity	11 m <sup>3</sup> /min, 384 cfm	14 m <sup>3</sup> /min, 490 cfm
Operator cabin	Ergo Cool	Ergo Cool
Certificate	ROPS and FOPS	ROPS and FOPS

TECHNICAL DATA	PANTERA DP1100i TIER4 FINAL	PANTERA DP1500i TIER4 FINAL
Recommended hole-diameter	89–140 mm / 3½"–5½"	102–152 mm / 4"–6"
Drill rod / tube diameters	51, 60 mm 2", 2 3/8"	51, 60, 87 mm 2", 2 3/8", 3½"
Hydraulic rock drill	HL1060T RD1635CF (as option)	HL1560T RD1635CF (as option)
Percussion output power	25 kW, 34 hp	33 kW, 44 hp 35 kW, 48 hp
Engine type	Caterpillar C9.3	Caterpillar C13
Engine output power	224 kW, 1 800 rpm 300 hp, 1 800 rpm	287 kW, 1 800 rpm 385 hp, 1 800 rpm
Flushing air capacity	11 m <sup>3</sup> /min, 384 cfm	14 m <sup>3</sup> /min, 490 cfm
Operator cabin	Ergo Cool	Ergo Cool
Certificate	ROPS and FOPS	ROPS and FOPS





# SANDVIK PANTERA SERIES MORE PRODUCTIVE THAN EVER

SURFACE TOP HAMMER DRILL RIGS



# THE NEW GENERATION OF DPI'S

The Pantera DPi top hammer drill rigs are designed to bring a true productivity boost to surface top hammer drilling in quarries and mines. Based on the well-known DPi characteristics, the reformed drill rigs feature improvements that provide true power, fuel economy, more uptime hours and smooth flow of operation.

Equipped with a new high performance RD1635CF rock drill with oil saving Circulating Shank Lubrication System (CSL) and low-consuming Tier3 or Tie4 Final engines, the Pantera DPi drill rigs also provide a renewed control system that has an updated user interface and touch screen for easier and more accurate operation. The new compressor control system will take the fuel economy to a totally new level. This combination of advanced technical solutions and quality hardware makes the reformed Pantera DPi drill rigs perfect machines for optimal drilling performance.

## **NEW RD1635CF ROCK DRILL (OPTIONAL)**

The new high frequency rock drill RD1635CF with 35kW output power and stabilizer, ensures optimal drilling performance in changing rock conditions.



## **CIRCULATING SHANK LUBRICATION SYSTEM (CSL)**

In the new RD1635CF rock drill, the CSL system circulates shank lubrication oil through filters. It reduces shank lubrication oil consumption up to 70 % compared to the old systems and increases the life time of coupling sleeves.







#### **NEW CONTROL SYSTEM**

New features include touch screen, Sandvik common user interface style, support for new drill rig options and enhanced trouble shooting functions.

#### **USER-FRIENDLY SERVICE ACCESS**

Modifications to the covers improve serviceability significantly. Pantera DPi now features two doors on the left side of the machine as well as an enhanced locking mechanism on all doors.

#### **NEW COMPRESSOR CONTROL FOR FUEL SAVING**

New hydraulically controlled compressor intake valve provides faster and more accurate control over compressor and eliminates the possibility of freezing in cold conditions.

#### **TIER4 FINAL ENGINES**

New environmentally friendly CAT Tier4 Final engines provide low exhaust emission levels and low fuel consumption.

#### **DRILLER'S NOTES (OPTIONAL)**

Driller's Notes allows operator to collect and store drilling information during drilling. It gathers information from each drilled hole automatically, but it also lets the operator to add comments to it manually.



#### **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 the Pantera DPi complies fully with the new drill rig safety standard EN16228.