



Pantera™ DP1600i S5 SURFACE DRILLS

TECHNICAL SPECIFICATION

Pantera™ DP1600i is intelligent, self-propelled, self-contained, crawler based surface drilling rig equipped with a cabin and a rod changer.

Pantera™ DP1600i with practical intelligence fits perfectly for production drilling in large quarries or open pit mines and construction work sites. It suits well also for wall control and development works. To customize the rig it can be equipped with a variety of options to meet special requirements.

KEY FEATURES

Hole diameter:	102 - 178 mm (4" - 7")
Rock tools:	LT90 and 60 mm rods or 87 mm tubes
Rock Drill	49 kW
Engine output:	280 kW (TIER 4F/EU Stage V)
Flushing air:	14 m3/min up to 10 bar (depends on used rock tools)
Production capacity:	3,5 Mt/year
Total weight :	22 700 kg



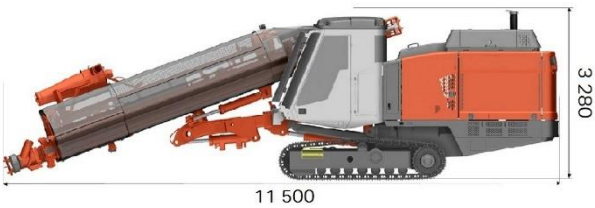
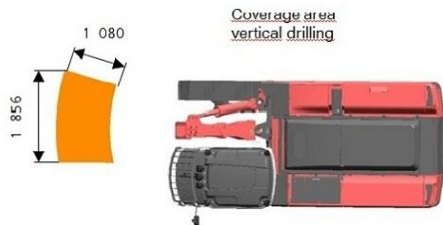
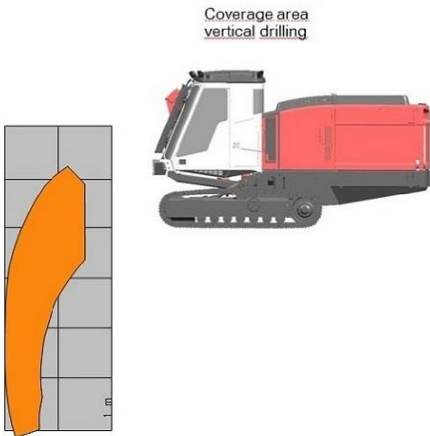
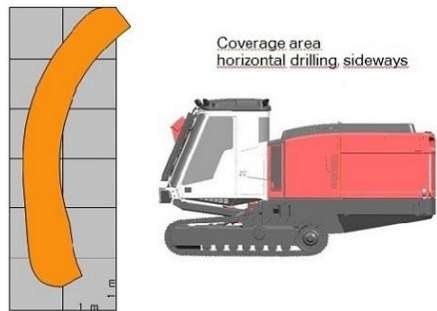
STANDARD COMPONENTS
Rock drill RD1840C, hydraulic
Cylinder feed LF 1514 HR
Safety cage
Hose reel, drum type
Rod changer RC 1514
Boom ZB 1550 H, telescopic
Carrier FL 6, oscillating
Powerpack, diesel driven, hydraulic pumps and onboard compressor
Hydraulic system, load sensing
Operator's cabin, Ergo Cool with AC
Dust collection system DC 1550 H, hydraulic
Working lights, 15 pcs (9 forward)
Reversing alarm
TIMi for vertical holes and depth measuring
Movable drill steel support
Suction shut down for water holes
Flushing control automatics
EU-safety devices
Gauge set for accumulator pressure checking
1 Set Manuals, paper copy
1 Set Manuals, USB memory
SanRemo Mobile, Bluetooth connectivity

THE JAWS FOR DRILL STEELS		
DRILL STEEL TYPE	DRILL STEEL DIAMETER	RECOMMENDED HOLE DIAMETER
MF-rods	60 mm 2 3/8"	102 -140 mm 4 1/2" - 5 1/2"
MF-rods	LT90	140 - 178 mm 4" - 5 1/2"
Tubes	87 mm 3 1/2"	102 - 152 mm 4" - 6"

SELECTION OF OPTIONS
Alternative seat with 3-point seat belt and air cushioning
Cooler bag in cabin
Radio with CD-MP3 player
Reversing camera
Roller blinds for cabin windows
Vacuum cleaner for cabin
Driller's Notes - MWD Data Collection for TIM3D
Automatic feed alignment for TIMi
GPS aiming device for TIM and TIMi inclined holes
RAMP UP OPTION TIM3D hole navigation system (Trimble)
TIM3D hole navigation system readiness (Trimble)
TIM3D hole navigation system readiness (Leica)
TIMi for inclined holes and hole depth measuring
TIMi laser level based depth measuring
Kit for alternative steels, each
LF 1522 feed with hose reel (max starter rod 20 ft)
Thread greasing
Thread greasing with 5 gallon bucket
Full cycle one hole automatic drilling
Anti- freeze system for air lines
Central lubrication system Sandvik
Electric fuel filling pump
Electric hydraulic oil filling pump
Electric water filling pump
Fast fill connection for engine coolant, hydraulic and engine oils
Fast fill connection for fuel and water tanks (not with option 5110)
Guides for grousers
Hydraulic rear ground support
Hydraulic winch with radio remote and cable tightness automatics
Hydraulic winch with full radio drilling, tramming boom and rod handling
Remote Screen interface (Tablet or mobile phone not included).
Single bar grouser plates
Towing hook
Xenon lights, 9 pcs
Led lights 15 pcs.
Ether starting aid for engine without ether bottle
Fuel powered heater for engine and cabin
Fuel powered heater for engine, cabin and water tank
Readiness for fuel powered heater
Dustmizer requires flap feeder (engine heater option needed below freezing point)
Water injection system
Extra manuals, price will be added according to pricing sheet
First service kit for DP1500i/DP1600i
Special tools for RD1840C, field kit
Special tools for RD1840C complete
Service agreement - select level from extra item
SanRemo - select level from extra item

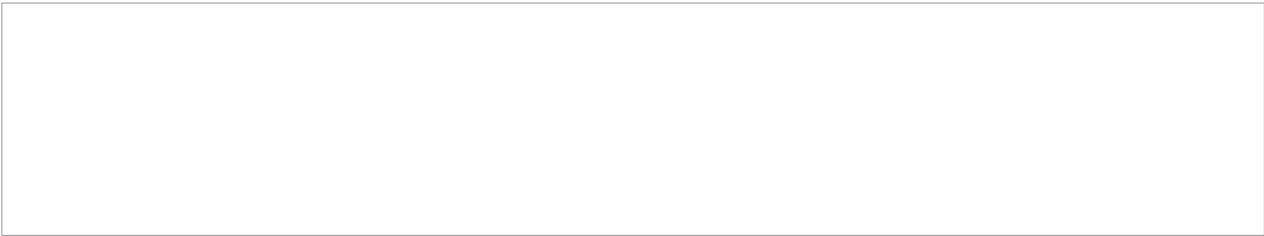
COVERAGE AREA AND DIMENSIONS

COVERAGE AREA



DIMENSIONS

Weight	22 700 kg
Width	2.5 m
Height	3.28 m/3.34 m
Total length	11.5 / 11.1 m



Sandvik Mining and Rock Solutions reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.

ROCKTECHNOLOGY.SANDVIK