



Pantera DP1100i T4 SURFACE DRILLS

TECHNICAL SPECIFICATION

Sandvik Pantera DP1100i is intelligent, self-propelled, self-contained, crawler based surface drilling rig equipped with a cabin and a rod changer.

Sandvik Pantera DP1100i 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:	89 - 140 mm (3 1/2" - 5 1/2")
Rock tools:	51 and 60 mm (2" and 2 3/8") rods
Rock Drill	25 kW
Engine output:	224 kW (Tier 4 Final)
Flushing air:	11 m ³ /min, up to 10 bar(depends on used rock tools)
Production capacity:	1,5 Mt/year
Total weight :	22 900 kg



STANDARD COMPONENTS

Rock drill HL 1060T, hydraulic
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

THE JAWS FOR DRILL STEELS

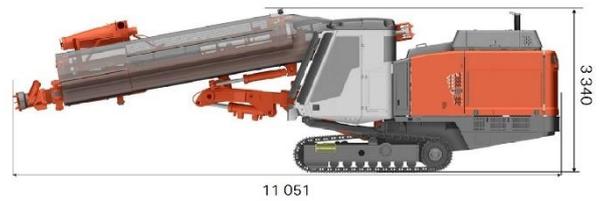
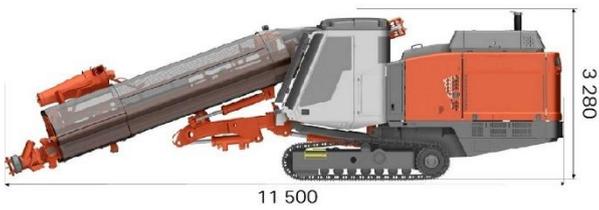
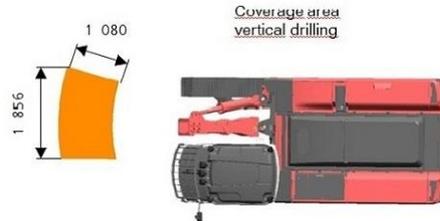
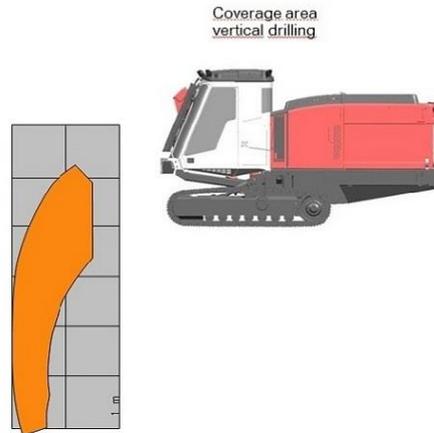
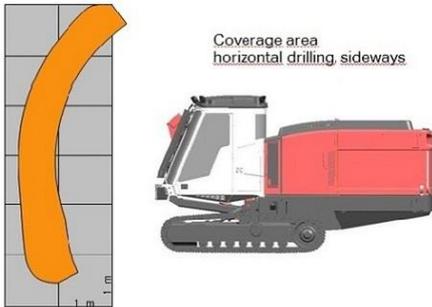
DRILL STEEL TYPE	DRILL STEEL DIAMETER	RECOMMENDED HOLE DIAMETER
Extension rods / MF rods	51 mm 2"	89 - 127 mm 3 1/2" - 5"
MF-rods	60 mm 2 3/8"	102 - 140 mm 4" - 5 1/2"
Pilot tube	76 mm 3"	89 - 127 mm 3 1/2" - 5"
Pilot tube	87 mm 3 1/2"	102 - 140 mm 4" - 5 1/2"

SELECTION OF OPTIONS

Cooler bag in cabin
Radio with CD-MP3 player
Reversing camera
Roller blinds for cabin windows
Vacuum cleaner for cabin
Automatic feed alignment for TIMi
GPS aiming device for TIM and TIMi inclined holes
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
Feed support for soft ground
Horizontal drilling kit
Kit for alternative steels, each
LF 1522 feed with hose reel (max starter rod 20 ft)
Rollers for rod changer
Thread greasing
Thread greasing with 5 gallon bucket
Tube drilling kit
Full cycle one hole automatic drilling
One hole automatic drilling down to preset depth
Power extractor, not with RD1635CF drifter
Readyness for Power Extractor
RD1635CF and CSL System. Replaces standard components
HF1560T Rock Drill (If hole dia 5,5" and hard rock = consult factory)
HF820T Rock Drill replaces standard component
HL1560T Rock Drill (replaces standard component)
Anti- freeze system for air lines
Biodegradable hydraulic oil, not with CSL
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
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
Readyness for fuel powered heater
Dustmizer requires flap feeder (engine heater option needed below freezing point)
Flap feeder for dust collector
Sampling device
Water injection system
Grinder Sandvik RG420H
Extra manuals, price will be added according to pricing sheet
First service kit for DP1100i
Special tools for HL 1060T , field kit
Special tools for HL 1060T, complete
Service agreement - select level from extra item
SanRemo - select level from extra item

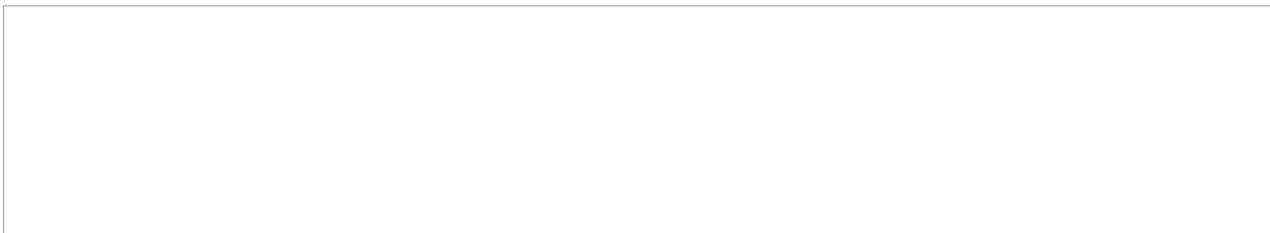
COVERAGE AREA AND DIMENSIONS

COVERAGE AREA



DIMENSIONS

Weight	22 900 kg
Width	2.5 m
Height	3.28 m/3.34 m
Total length	11.5 / 11.1 m



Sandvik Mining and Rock Technology 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.

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