

Pantera DP1100i

Surface Top Hammer Drills

TIER 4
FINAL



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.

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 with hose reel
Rod changer	RC 1614
Boom	ZB 1550 H, telescopic
Carrier	FL 6, oscillating
Powerpack	Diesel driven, hydraulic pumps and on board compressor
Hydraulic system	Electric load sensing
Cabin	Ergo cool
Dust collector	DC 1550, hydraulic
Working lights	15 pcs
Gauge set	For accumulator pressure checking
EN-safety devices: EN16228	
TIMi for vertical holes and hole depth measuring	
Movable drill steel support	
Suction shut down for water holes	
Flushing control automatics	
Manuals	1 x paper copy 1 x CD-ROM (Toolman)

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 ½" - 5"
MF-rods	60 mm 2 ¾"	102 - 140 mm 4" - 5 ½"
Pilot tube	76 mm 3"	89 - 127 mm 3 ½" - 5"
Pilot tube	87 mm 3 ½"	102 - 140 mm 4" - 5 ½"

ADJUSTMENT INFORMATION FOR DELIVERY

Rotation motor

Rotation motor OMT 400 for 89 - 127 mm, 3 ½" - 5" holes

Rotation motor OMT 500 for 127 - 140 mm, 5" - 5 ½" holes

Extension rod lengths

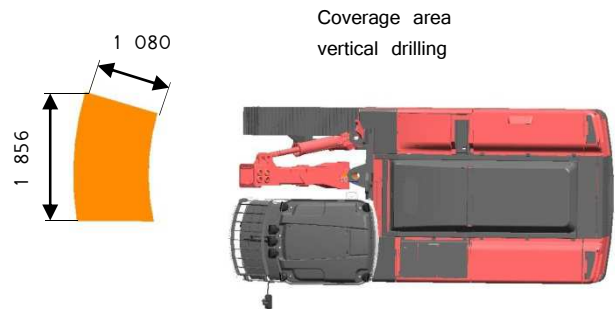
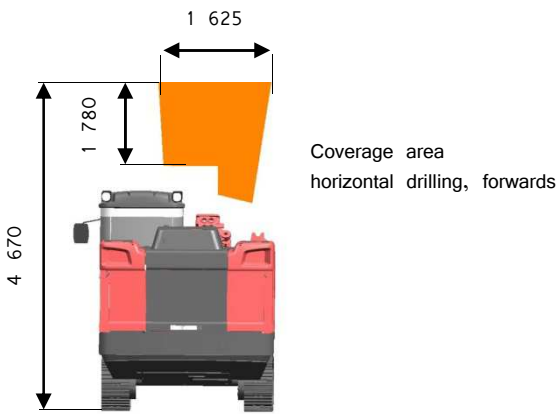
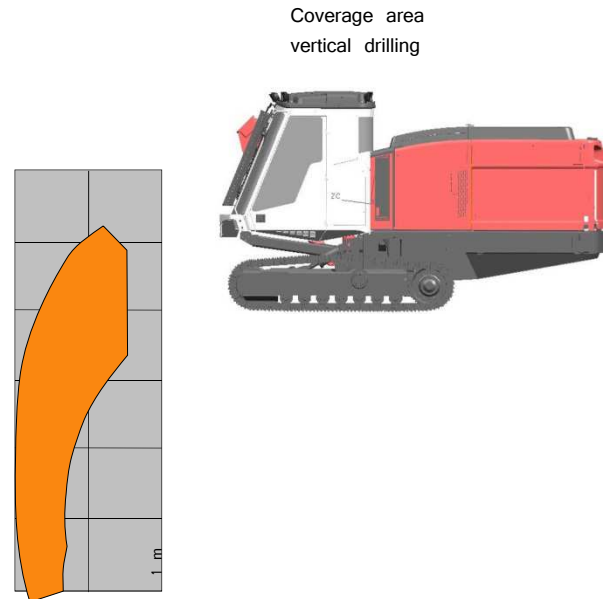
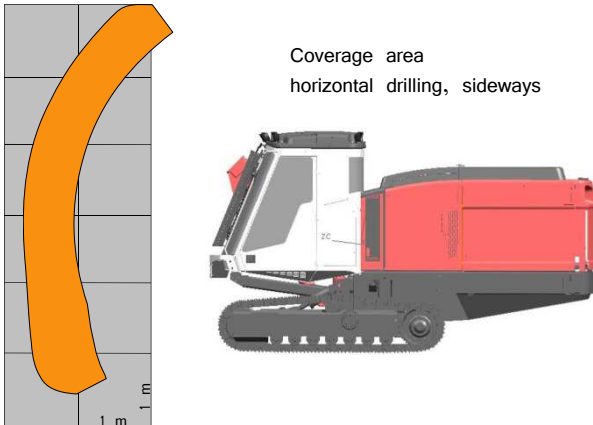
3 660 mm	12'
4 270 mm	14'

SELECTION OF OPTIONS

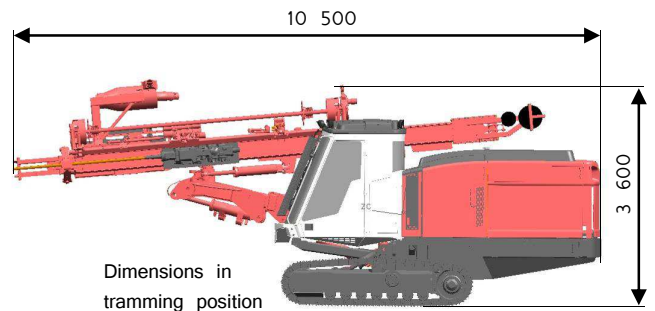
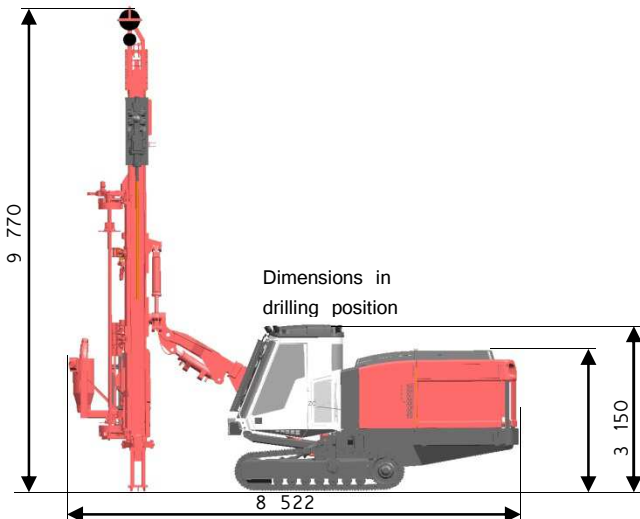
1.	Cooler bag in cabin
2.	Radio with CD-MP3 player
3.	Reversing camera
4.	Roller blinds for cabin windows
5.	Vacuum cleaner for cabin
6.	Automatic feed alignment for TIMi
7.	GPS aiming device for TIM and TIMi inclined holes
8.	TIM3D navigation system *)
9.	TIMi for inclined holes and hole depth measuring *)
10.	TIMi laser level based depth measuring *)
11.	Feed support for soft ground
12.	Horizontal drilling kit
13.	Kit for alternative steels, each
14.	LF 1522 feed with hose reel (max starter rod 20 ft)
15.	Rollers for rod changer
16.	Thread greasing
17.	Thread greasing with 5 gallon bucket
18.	Tube drilling kit
19.	One hole automatic drilling down to preset depth
20.	Power extractor
21.	Readiness for Power Extractor
22.	Anti- freeze system for air lines
23.	Biogradeable hydraulic oil
24.	Central lubrication system Sandvik
25.	Electric fuel filling pump
26.	Electric water filling pump
27.	Fast fill connection for engine coolant, hydraulic and engine
28.	Fast fill connection for fuel and water tanks
29.	Fire suppression system Sandvik, automatic
30.	Guides for grousers
31.	Hydraulic rear ground support
32.	Hydraulic winch with radio remote and cable tightness automatics
33.	Single bar grouser plates
34.	Towing hook
35.	Xenon lights, 9 pcs
36.	Ether starting aid for engine without ether bottle
37.	Fuel powered heater for engine and cabin
38.	Fuel powered heater for engine, cabin and water tank
39.	Readiness for fuel powered heater
40.	Dustmizer requires flap feeder (engine heater option needed)
41.	Flap feeder for dust collector
42.	Sampling device
43.	Water injection system
44.	Grinder Sandvik RG420H
45.	Extra manuals
46.	First service kit for DP1100i
47.	Special tools for HL 1060T , field kit
48.	Special tools for HL 1060T, complete
49.	Security+
50.	SanRemo

*) replaces standard component

COVERAGE AREA



TRAMMING AND TRANSPORT DIMENSIS



Weight	22 900 kg
Width	2.5 m
Height	3.2 m
Total length	11.5 m

Sandvik Mining and Construction reserves the right to change this specification without further notice.

Sandvik Mining and Construction Oy
 P.O.Box 100, FIN-33311 Tampere, Finland
 Tel. +358 205 44 121, Telefax +358 205 44 120
www.sandvik.com

