

# Pantera DP1100i

## Surface Top Hammer Drills



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 ½" - 5½")
Rock Tools:	51 and 60 mm (2" and 2 ¾" ) rods
Rock Drill:	25 kW
Engine Output:	224 kW (Tier 4 Final)
Flushing Air:	11 m <sup>3</sup> /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 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"

## ADJUSTMENT INFORMATION FOR DELIVERY

### Rotation motor

Rotation motor OMT 400 for 89 - 127 mm, 3 1/2" - 5" holes

Rotation motor OMT 500 for 127 - 140 mm, 5" - 5 1/2" holes

### Extension rod lengths

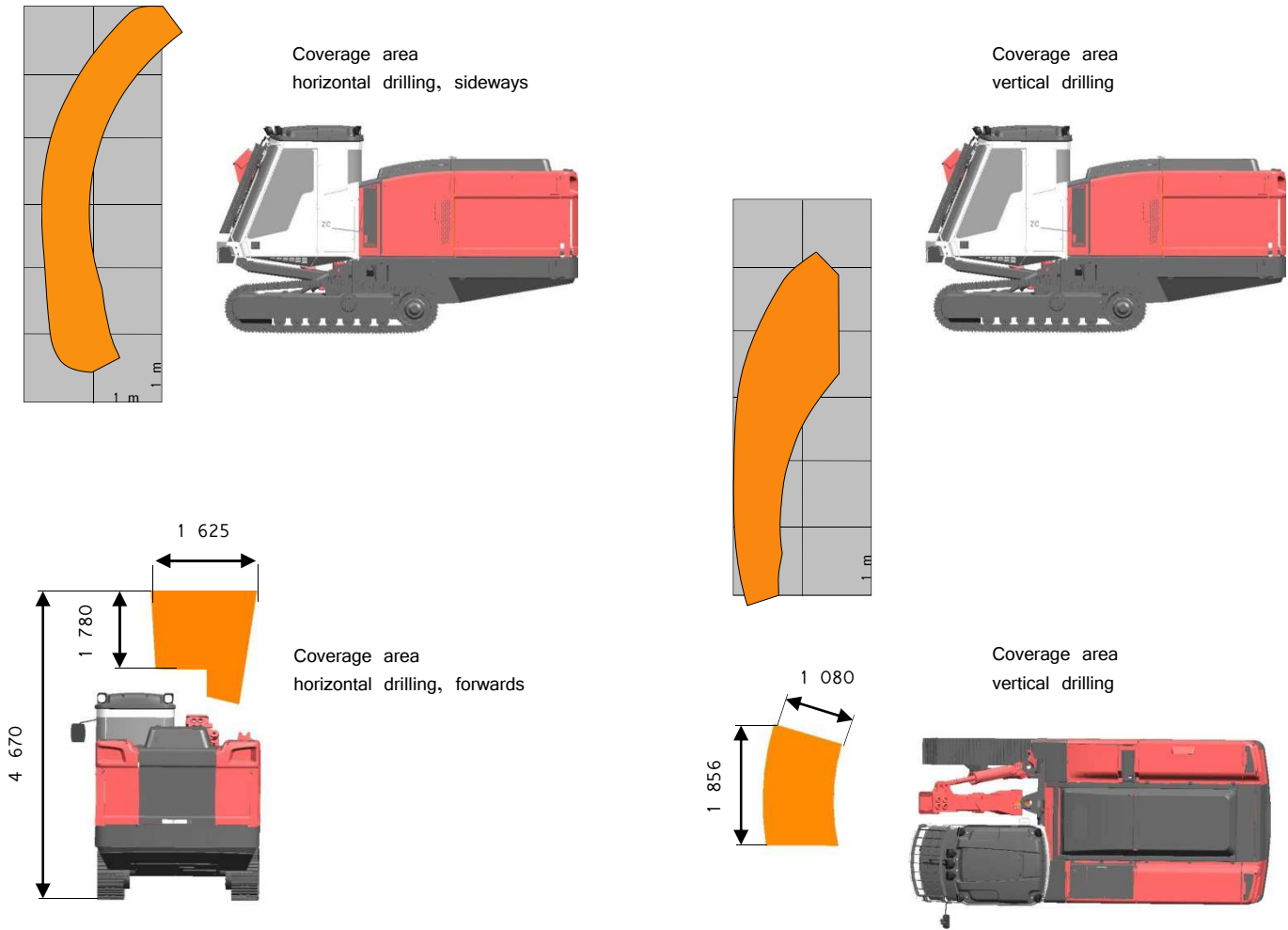
3 660 mm	12'
4 270 mm	14'

## SELECTION OF OPTIONS

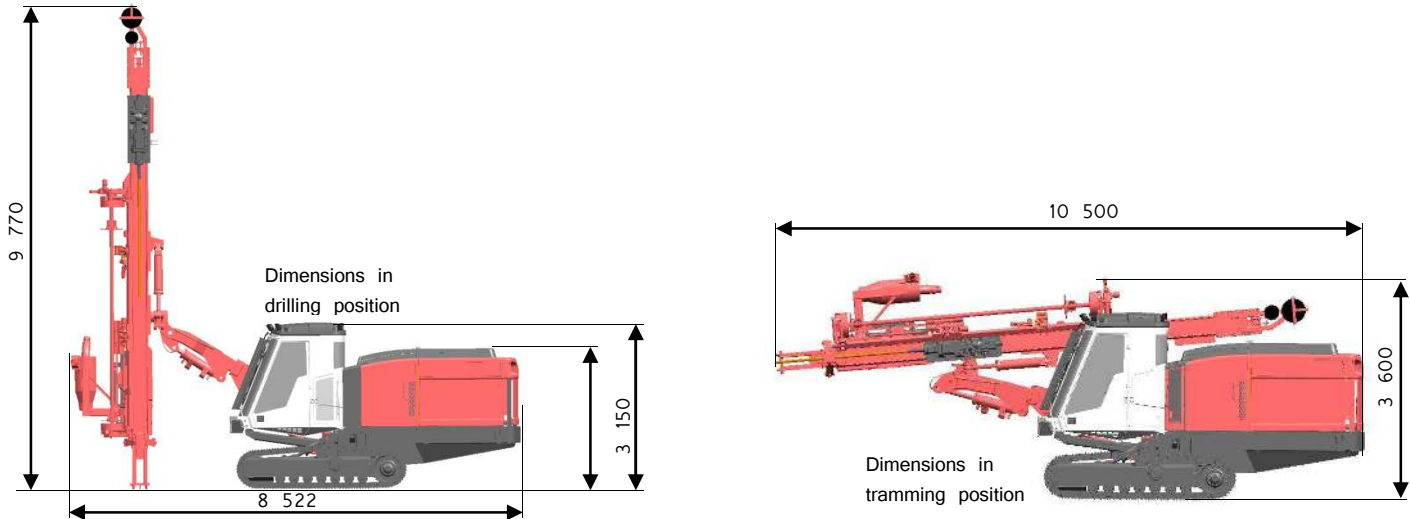
1.	Cooler bag in cabin	28.	Fast fill connection for fuel and water tanks
2.	Radio with CD-MP3 player	29.	Fire suppression system Sandvik, automatic
3.	Reversing camera	30.	Guides for grousers
4.	Roller blinds for cabin windows	31.	Hydraulic rear ground support
5.	Vacuum cleaner for cabin	32.	Hydraulic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

\*) replaces standard component

COVERAGE AREA



TRAMMING AND TRANSPORT DIMENSIOIS



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.

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