

# Sandvik DI550

## Surface Down the Hole Drills



Leopard DI550 is a diesel powered, self-contained crawler mounted drilling rig designed for DTH blasthole drilling in the mining, quarry and construction industries. The drill is equipped with an operator's cabin, fixed boom, dry dust collector and drill pipe changer. The design and the lay-out are according to latest state-of-art.

Hole Diameter:	90 - 165 mm 3½" – 6 ½"
Drill Pipes:	76, 89, 102 and 114 mm 3", 3½", 4" and 4½"
DTH-Hammer:	4", 5" and 6"
Engine Output:	328 kW (Tier 3)
Air Delivery:	24,4 m <sup>3</sup> /min at 24 bar 862 cfm at 348 psi
Production Capacity:	~1,85 Mt/a, one shift
Total Weight	23.700 kg

## STANDARD COMPONENTS

Rotary head HTRH6.0
Chain feed
Pipe changer, carousel type
Fixed boom
Cabin HVC550
Carrier, track mounted
Powerpack, diesel driven, hydraulic pumps and onboard compressor
Dust collector X-150
Hydraulic system, load sensing
Control system
Working lights, 11 pcs
1 Set Manuals, paper copy
1 Set Manuals, CD rom

## SELECTION ON OPTIONS

1.	Additional tool box below cabin
2.	Radio with CD-MP3 player
3.	Reversing camera
4.	Rock shield for lights and lower part of the window
5.	Roller blinds for cabin windows
6.	Vacuum cleaner for cabin
7.	GPS aiming device for TIM and TIMi inclined holes
8.	TIM 5200 for vertical holes
9.	TIM 5300 for vertical holes and depth measuring
10.	TIM 5600 for vertical and horizontal holes and depth measuring
11.	TIM 6300 for inclined holes and depth measuring
12.	TIM 6500 for inclined holes, depth measuring and laser level
13.	DTH hammer service tool (requires radio remote control option)
14.	Horizontal drilling kit
15.	Kit for alternative pipes, each
16.	Pipe winch (requires radio remote control option)
17.	Thread greasing
18.	Safety cage for feed
19.	Telescopic boom
20.	Anti-freeze system for thread greasing
21.	Central lubrication system Sandvik
22.	Electric fuel filling pump
23.	Electric hydraulic oil filling pump
24.	Electric water filling pump
25.	Fast fill connection for engine coolant, hydraulic and engine
26.	Fast fill connection for fuel Wiggins

## THE JAWS FOR DRILL STEELS

Drill steel type	Drill steel diameter	Recommended hole diameter
Pipes	76/89 mm,	89 - 127 mm 3½" - 5"
Pipes	102/114 mm,	114 - 165 mm 4½" - 6 ½"

## ADJUSTMENT INFORMATION FOR DELIVERY

Drill tube length and diameters

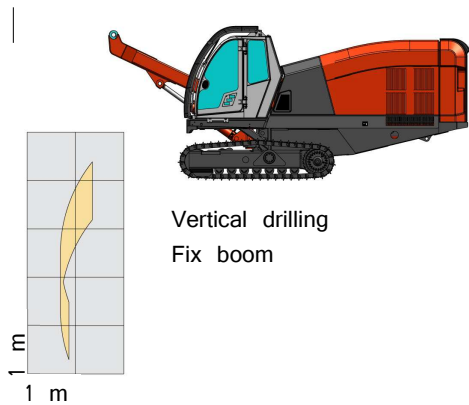
5000 mm	16,7 ft
76, 89, 102 or 114 mm	3", 3½", 4" or 4½"

## RECOMMENDED DTH HAMMER

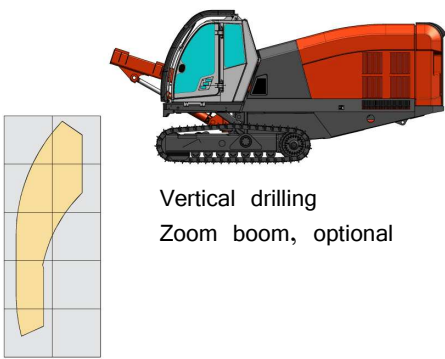
Sandvik RH550
Sandvik RH460

27.	Fire suppression system Sandvik, automatic
28.	Guides for grousers
29.	Hand-held led working light with accumulator
30.	Hydraulic rear ground support
31.	Hydraulic winch (requires radio remote control option)
32.	Manual compressor oil filling pump
33.	Pressure washer (with water injection option only)
34.	Radio remote control for carrier and pipe winch and hammer s
35.	Single bar grouser plates
36.	Three additional led lights in engine compartment
37.	Towing hook
38.	Xenon lights, 11 pcs
39.	Disengagement clutch for compressor, manual
40.	Ether starting aid for engine without ether bottle
41.	Fuel powered engine heater, extra large
42.	Fuel powered engine heater, large
43.	Jump start device (high current el. socket)
44.	Water injection system
45.	Grinder Sandvik RG420H
46.	Extra bit basket
47.	Extra manuals, price will be added according to pricing sheet
48.	First service kit for DI550
49.	SanRemo
50.	Security+

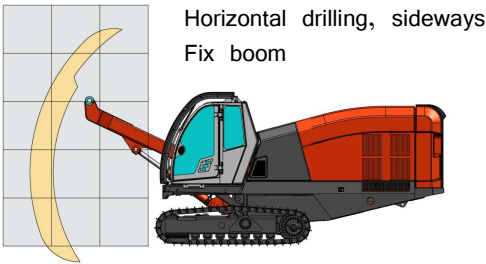
COVERAGE AREA



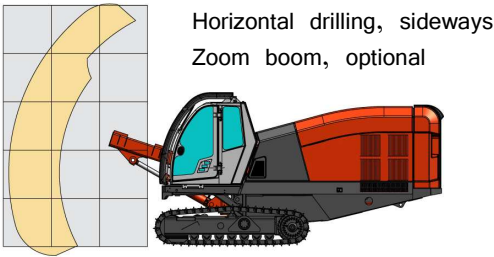
Vertical drilling  
Fix boom



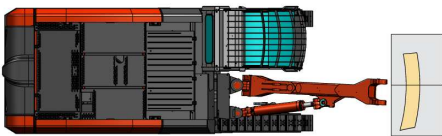
Vertical drilling  
Zoom boom, optional



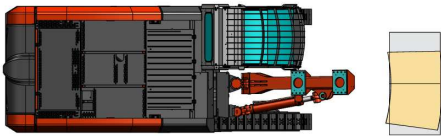
Horizontal drilling, sideways  
Fix boom



Horizontal drilling, sideways  
Zoom boom, optional



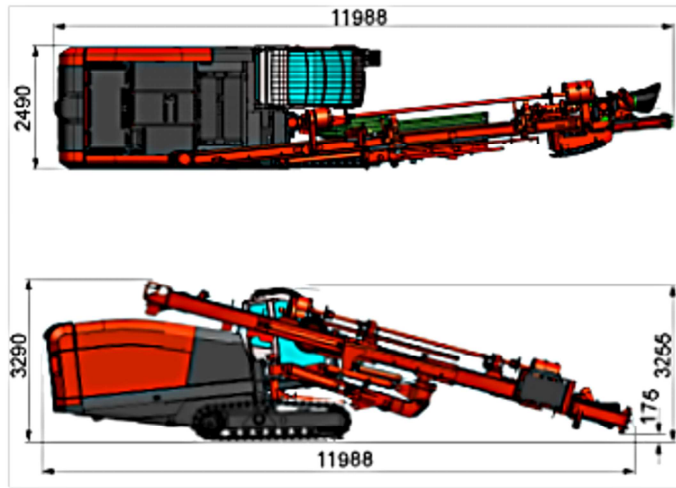
Vertical drilling,  
Fix boom



Vertical drilling,  
Zoom boom, optional

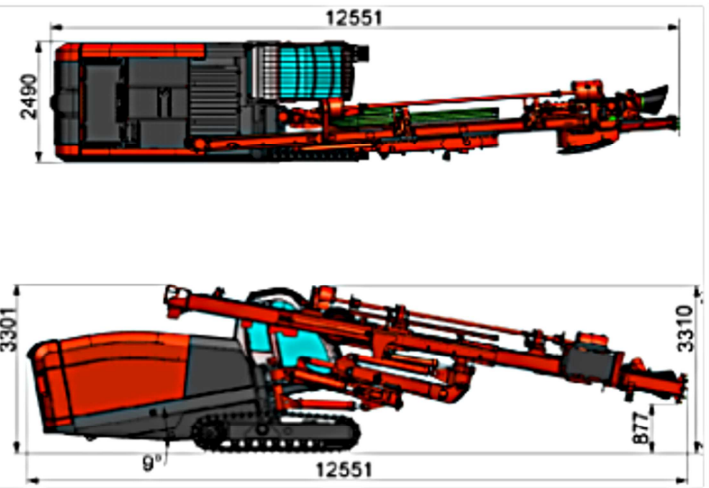
TRANSPORT DIMENSIONS

Fix boom



Weight	23 700 kg
Total width	2.49 m
Height	3.29 m
Total length	12.0 m

Zoom boom



Weight	24 150 kg
Total width	2.49 m
Height	3.31 m
Total length	12.55 m

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

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