



Leopard DI450 S5 SURFACE DRILLS

TECHNICAL SPECIFICATION

Leopard DI450 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.

KEY FEATURES

Hole diameter:	90 - 130 mm 3½" – 5 1/8"
Drill pipes:	76, 89 and 102 mm 3", 3½" and 4"
DTH-Hammer	3", 4"
Engine output:	250 kW (Tier 4 Final / Stage V)
Air delivery	18 m3/min at 24 bar 636 cfm at 348 psi
Production capacity:	1,5 Mt/a, one shift
Total weight :	23 370 kg



STANDARD COMPONENTS

Rotary head HTRH6.0
Chain feed, with hose reel
Safety cage for 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, 3 pcs in engine compartment
1 Set Manuals, paper copy
1 Set Manuals, USB memory

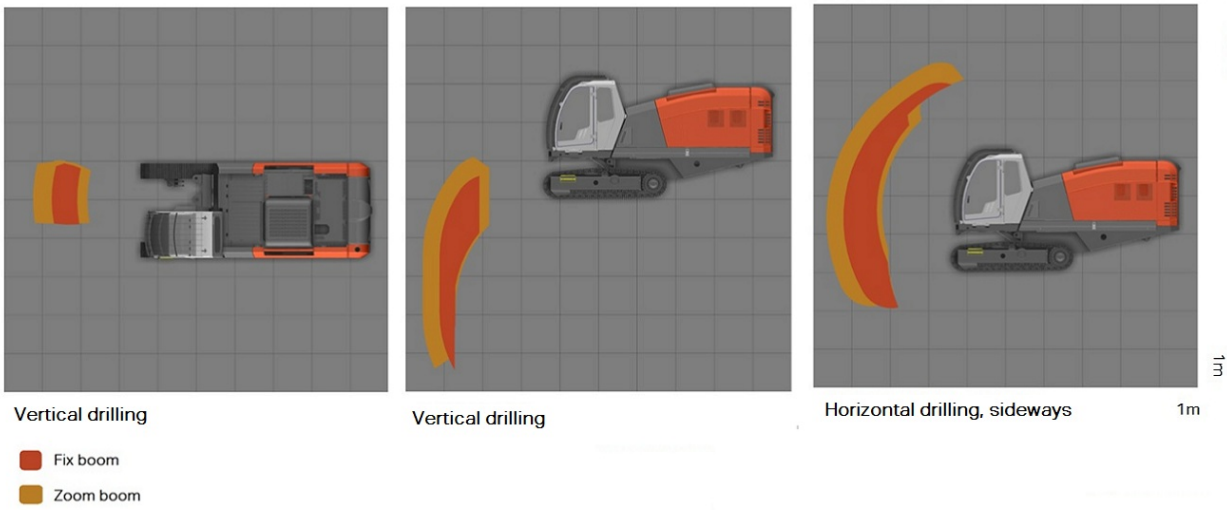
THE JAWS FOR DRILL STEELS

DRILL STEEL TYPE	DRILL STEEL DIAMETER	RECOMMENDED HOLE DIAMETER
Pipes	76/89 mm	89 - 127 mm 3½" - 5"
Pipes	102 mm	114 - 130 mm 4½" - 5 1/8"

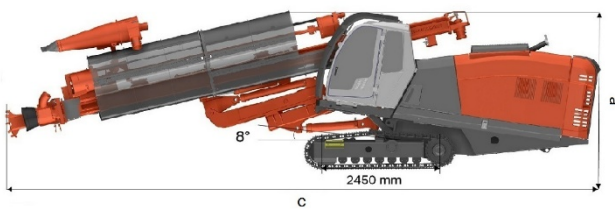
SELECTION OF OPTIONS

Additional tool box below cabin
Alternative seat with 3-point seat belt and air cushioning
Radio with CD-MP3 player
Reversing camera
Rock shield for lights and lower part of the window
Roller blinds for cabin windows
Vacuum cleaner for cabin
GPS aiming device for TIM and TIMi inclined holes
TIM 5200 for vertical holes
TIM 5300 for vertical holes and depth measuring
TIM 5600 for vertical and horizontal holes and depth measuring
TIM 6300 for inclined holes and depth measuring
TIM 6500 for inclined holes, depth measuring and laser level
TIM3D hole navigation system
DTH hammer service tool (requires radio remote control option)
Horizontal drilling kit
Kit for alternative pipes, each
Pipe winch (requires radio remote control option)
Thread greasing
Telescopic boom
Anti-freeze system for thread greasing
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 Wiggins
Guides for grousers
Hand-held led working light with accumulator
Hydraulic rear ground support
Hydraulic winch (requires radio remote control option)
Manual compressor oil filling pump
Pressure washer (with water injection option only)
Radio remote control for carrier and pipe winch and hammer service tool
Single bar grouser plates
Towing hook
Xenon lights, 11 pcs
Disengagement clutch for compressor, manual
Ether starting aid for engine without ether bottle
Fuel powered engine heater, extra large
Fuel powered engine heater, large
Jump start device (high current el. socket)
Water injection system
Grinder Sandvik RG420H
Extra bit basket
Extra manuals, price will be added according to pricing sheet
First service kit for DI450
Service agreement - select level from extra item
SanRemo - select level from extra item

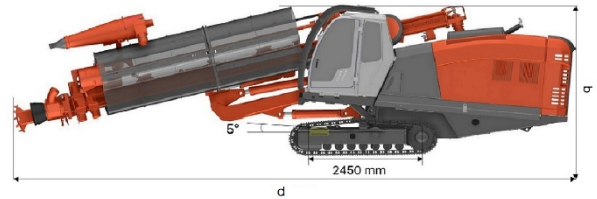
COVERAGE AREA AND DIMENSIONS



Zoom boom

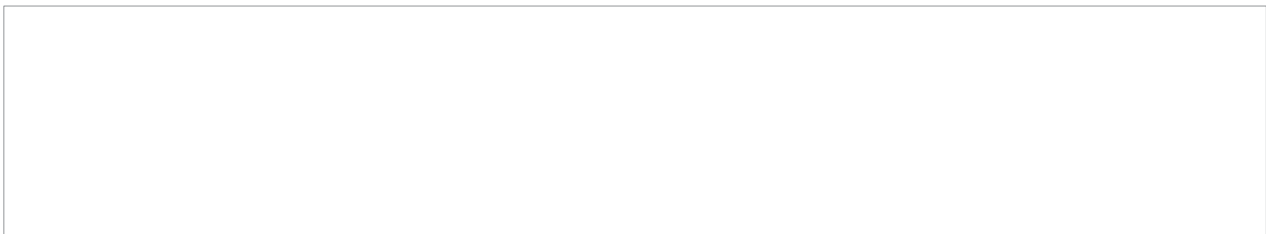


Fix boom



DIMENSIONS

Weight	23 370 kg
Width	2.49 m
Height	a/b, 3.37/3.29 m
Total length	c/d, 12.6/12.1 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.

ROCKTECHNOLOGY.SANDVIK