



# Ranger DX800 S5 SURFACE DRILLS

## TECHNICAL SPECIFICATION

Ranger DX800 is a hydraulic, self-propelled, self-contained, crawler based surface drilling rig equipped with a cabin (F.O.P.S. and R.O.P.S.) and rod handling system.

Typical applications for Ranger DX800 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore Ranger DX800 is most often used by construction contractors, mines and quarries, and also included in the equipment fleet of rental houses as well.

### KEY FEATURES

Hole diameter:	76 - 127 mm (3" - 5")
Rock tools:	45 or 51 mm (1¾" and 2")rods
Rock Drill	21/23kW
Engine output:	168 kW (TIER 4F/EU Stage V)
Flushing air:	8.1 m <sup>3</sup> /min, up to 10 bar
Production capacity:	1,3 Mt/year
Total weight :	15 600 kg



#### STANDARD COMPONENTS

1 pc Rock drill HL 820 T, hydraulic
1 pc Chain feed CF 145H with movable drill steel support
1 pc Rod handler RH 714 incl. 1 set of jaws
1 pc Boom DB 800 H, articulated
1 pc Carrier track mounted, turnable superstructure
1 pc Power pack diesel driven, hydraulic pumps and on-board compressor with twin pressure control
1 pc Control system Rock Pilot+
1 pc Operator's cabin F.O.P.S. and R.O.P.S. with AC
1 pc Dust collection system DC 810 H, hydraulic, Primary separator
9 pcs Working lights
1 pc Gauge set for accumulator pressure checking
1 pc Alarm signal
1 Set Manuals, paper copy
1 Set Manuals, USB memory
1 pc Alarm beacon
1 pc Hose reel with steel length 3660 mm (12'),
1 pc Service light, hand held 12V magnetic
EU-safety devices, EN16228, short safety cage

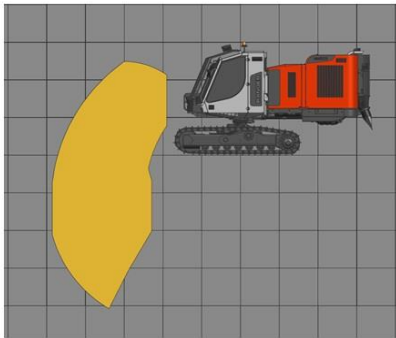
#### THE JAWS FOR DRILL STEELS

DRILL STEEL TYPE	DRILL STEEL DIAMETER	RECOMMENDED HOLE DIAMETER
Extension rods	45 mm 1 3/4"	76 - 89 mm 3" - 3 1/2"
MF-rods	45 mm 1 3/4"	76 - 89 mm 3" - 3 1/2"
MF-rods	51 mm 2"	89 - 127 mm 3 1/2" - 5"
Extension rods	51 mm 2"	89 - 127 mm 3 1/2" - 5"

#### SELECTION OF OPTIONS

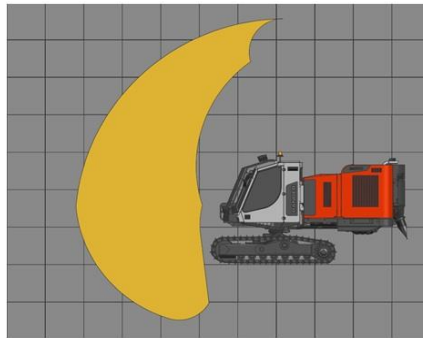
Alternative seat ISRI 6000
Radio with CD-MP3 player
Reversing camera
Vacuum cleaner for cabin
GPS aiming device for TIM and TIMi inclined holes
2000RPM Engine, 9,1m <sup>3</sup> /min compressor
Spirit level angle indicator
TIM 5200 for vertical holes
TIM 5300 for vertical holes and depth measuring
TIM 6300 for inclined holes and depth measuring
TIM 6500 for inclined holes, depth measuring and laser level
TIM 6700 (TIM6500 with open interface)
TIM3D hole navigation system
Horizontal drilling kit
EN 16228 Safety cage for feed, long
Feed 5 485 mm (18'), without hose reel and horizontal drilling
Long feed 6069 mm 20', no rod changer
Kit for alternative steels, each
Thread greasing
Thread greasing with 5 gallon bucket
Power extractor
Readyness for Power Extractor
HF820T rock drill (replaces standard component)
Anti- freeze system for air lines
Biogradeable hydraulic oil, not with CSL
Central lubrication system Sandvik
Electric fuel filling pump
Fast fill connection for fuel Wiggins
Guides for grousers, long
Hydraulic rear ground support
Hydraulic winch with radio remote and cable tightness automatics
Hydraulic winch with full radio drilling, tramming boom and rod handling
Led lights, 6 pcs
Radio remote control for rear ground support, tramming and oscillation
Full radio remote control for drilling, tramming, boom and rod handling
Three bar grouser plates
Towing hook
Turnable superstructure 180 deg.
Xenon lights, 6 pcs
Fuel powered heater for engine and cabin
Fuel powered heater for engine, cabin and water tank
Readyness for fuel powered heater
Dustmizer (engine heater option needed below freezing point)
Flushing control automatics
Sampling device
Shut down of suction for water holes
Water injection system
Spare radio remote transmitter
Extra manuals, price will be added according to pricing sheet
First service kit for Ranger DX800
Special tools for HL 820 T, field kit
Special tools for HL 820 T, compete
Service agreement - select level from extra item
SanRemo - select level from extra item

COVERAGE AREA AND DIMENSIONS

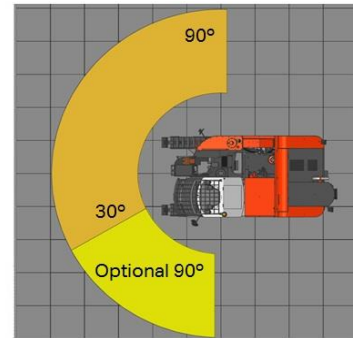


Vertical drilling

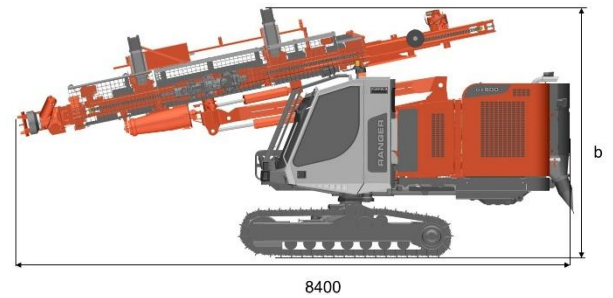
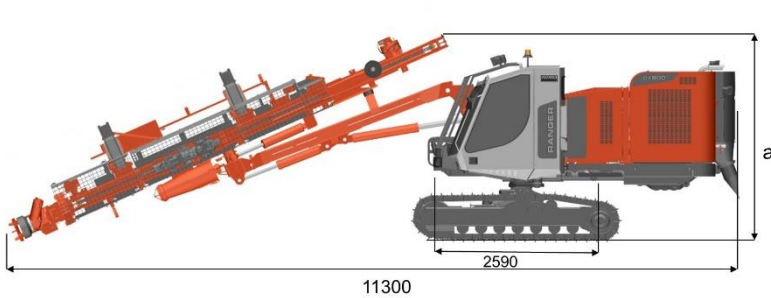
1m



Horizontal drilling

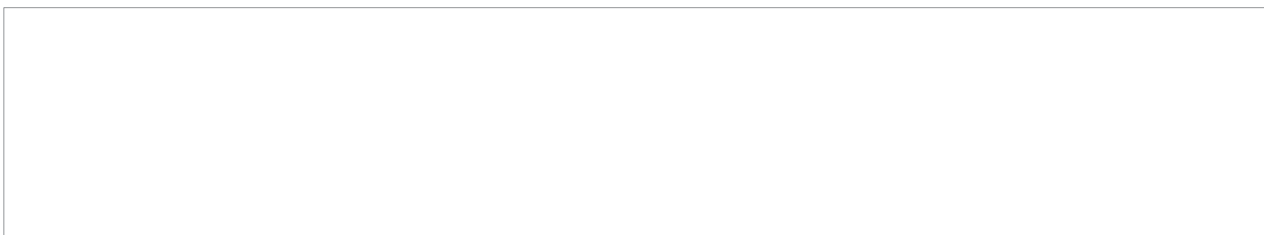


Drilling coverage



DIMENSIONS

Weight	15 600 kg
Width	2.45 m
Height	a/b, 3.2 m/3.6 m
With safety cage	3.3 m/3.8 m
With noise silencer	3.3 m/4.0 m
Total length	11.3 m/8.4 m



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