



# Ranger DX500 T3 SURFACE DRILLS

## TECHNICAL SPECIFICATION

Ranger DX500 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 DX500 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore Ranger DX500 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:	51 - 89 mm (2" - 3½")
Rock tools:	32, 38 or 45 mm (1¼", 1½", and 1¾")
Rock Drill	15,5kW
Engine output:	168 kW
Flushing air:	6,2 m <sup>3</sup> /min, up to 10 bar
Production capacity:	2200 m <sup>3</sup> /8h
Total weight :	15 200 kg



## STANDARD COMPONENTS

Standard Component:
1 pc Rock drill HL 510, hydraulic OMSU200 rotation motor
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, 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 Hydraulic system load sensing and open center
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 Back up alarm
1 Set Manuals, paper copy
1 Set Manuals, USB memory
Eu-safety devices

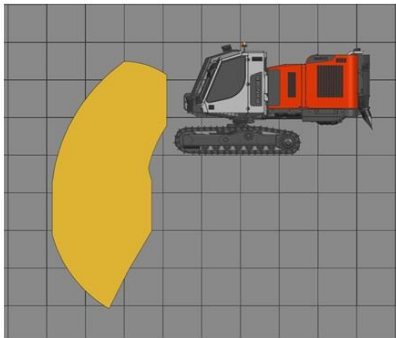
## THE JAWS FOR DRILL STEELS

DRILL STEEL TYPE	DRILL STEEL DIAMETER	RECOMMENDED HOLE DIAMETER
Extension rods	32 mm 1 ¼"	45 - 57 mm 1 ¾" - 2 ¼"
MF-rods	32 mm 1 ¼"	45 - 57 mm 1 ¾" - 2 ¼"
Extension rods	38 mm 1 ½"	64 - 70 mm 2 ½" - 2 ¾"
MF-rods	38 mm 1 ½"	64 - 70 mm 2 ½" - 2 ¾"
MF-rods	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"
Extension rods	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"

## SELECTION OF OPTIONS

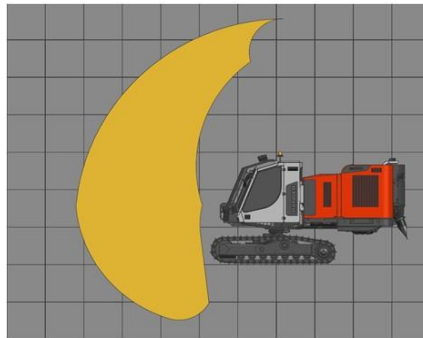
Alternative seat ISRI 6000
Radio with CD-MP3 player
Reversing camera
Vacuum cleaner for cabin
GPS aiming device for TIM and TIMi inclined holes
TIM 5200 for vertical holes
TIM 5300 for vertical holes and depth measuring
TIM 6300 for inclined holes and depth measuring
TIM 6500 for inclined holes, depth measuring and laser level
TIM3D hole navigation system
Horizontal drilling kit
Kit for alternative steels, each
Thread greasing
Thread greasing with 5 gallon bucket
Anti-freeze system for air lines
Biodegradable hydraulic oil, not with CSL
Central lubrication system Sandvik
Electric fuel filling pump
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
Readiness 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
Extra manuals, price will be added according to pricing sheet
First service kit for DX500
Special tools for HL 510, field kit
Special tools for HL 510, complete
Service agreement - select level from extra item
SanRemo - select level from extra item

COVERAGE AREA AND DIMENSIONS

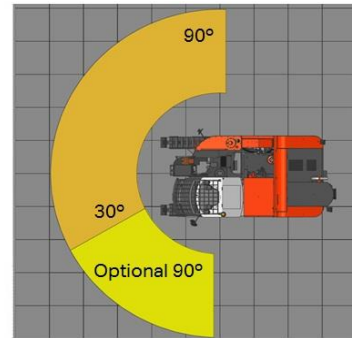


Vertical drilling

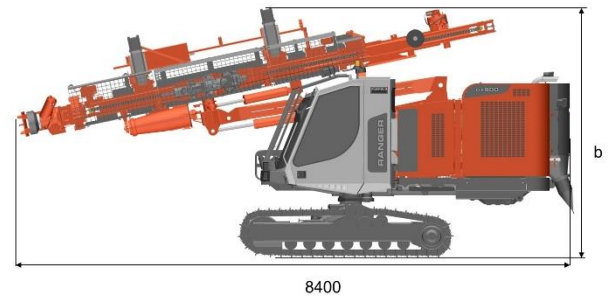
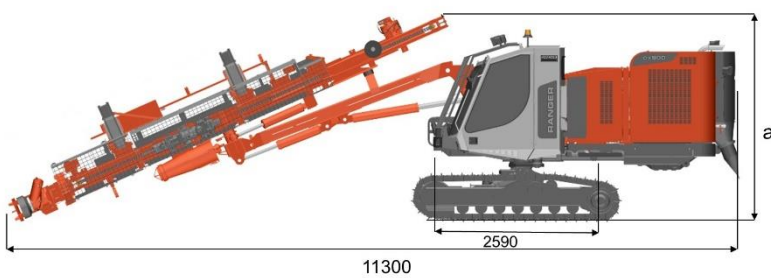
1m



Horizontal drilling

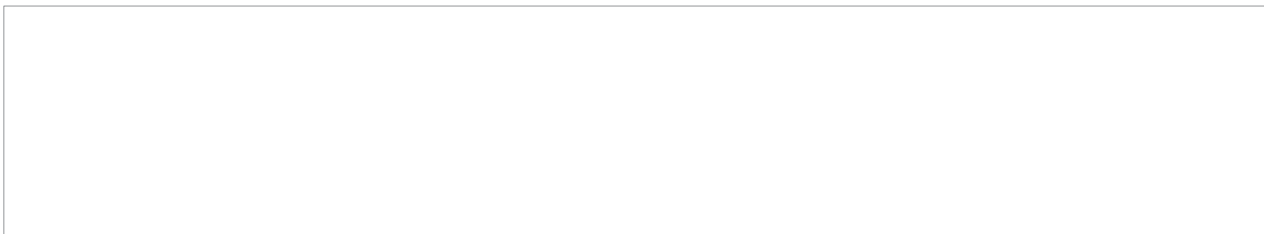


Drilling coverage



DIMENSIONS

Weight	15 200 kg
Width	2.45 m
Height	a/b, 3.2 m/3.6 m
Total length	8.4 m / 11.3 m



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