

Ranger DX500

Surface Top Hammer Drills

TIER 4 Final



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 DX500 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore DX500 is most often used by construction contractors, mines and quarries, and also included in the equipment fleet of rental houses as well.

Hole Diameter:	64- 102 mm (3" – 4")
Rock Tools:	38, 45 or 51 mm (1½", 1¾" and 2")
Rock Drill:	15,5 kW
Engine Output:	168 kW
Flushing Air:	6,2 m3/min, up to 10 bar
Production Capacity:	2 000 m3/8h
Total Weight	15000 kg

STANDARD COMPONENTS

Rock drill	HL 510 , hydraulic
Chain feed	CF 145H
Rod handler	RH 714 incl. 1 set of jaws
Boom	DB 800H, articulated
Carrier	Track mounted, turnable superstructure
Powerpack	Diesel driven, hydraulic pumps and on-board compressor
Hydraulic system	Load sensing and open center
Control system	THC 700 Rock Pilot
Movable drill steel support	
Cabin	F.O.P.S. and R.O.P.S.with Air Conditioning
Dust collector	DC 810 H, hydraulic
Working lights	9 pcs
Gauge set	For accumulator pressure checking
Reversing alarm	
Manuals	1 x paper copy 1 x CD-ROM (ToolMan)

SELECTION OF OPTIONS

1.	Turnable superstructure 180 deg.
2.	Alternative seat ISRI 6000
3.	Radio and CD-MP3 player
4.	Reversing camera
5.	Vacuum cleaner for cabin
6.	TIM 5200 for vertical holes
7.	TIM 5300 for vertical holes and depth measuring
8.	TIM 6300 for inclined holes and depth measuring
9.	TIM 6500 for inclined holes, depth measuring and laser level
10.	TIM 6700 with interface to external navigation system
11.	GPS aiming device for TIM 6300 and TIM 6500
12.	TIM3D navigation system
13.	Power extractor
14.	Readiness for Power Extractor
15.	Horizontal drilling kit including hose reel
16.	Hose reel (not with 14' rods)
17.	Thread greasing
18.	Thread greasing with 5 gallon bucket
19.	Anti- freeze system for air lines
20.	Primary separator
21.	Flushing control automatics
22.	Shut down of suction for water holes
23.	Dustmizer
24.	Water injection system

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-rod	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-rod	38 mm 1 ½"	64 - 70 mm 2 ½" - 2 ¾"
Extension rods	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"
MF-rod	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"

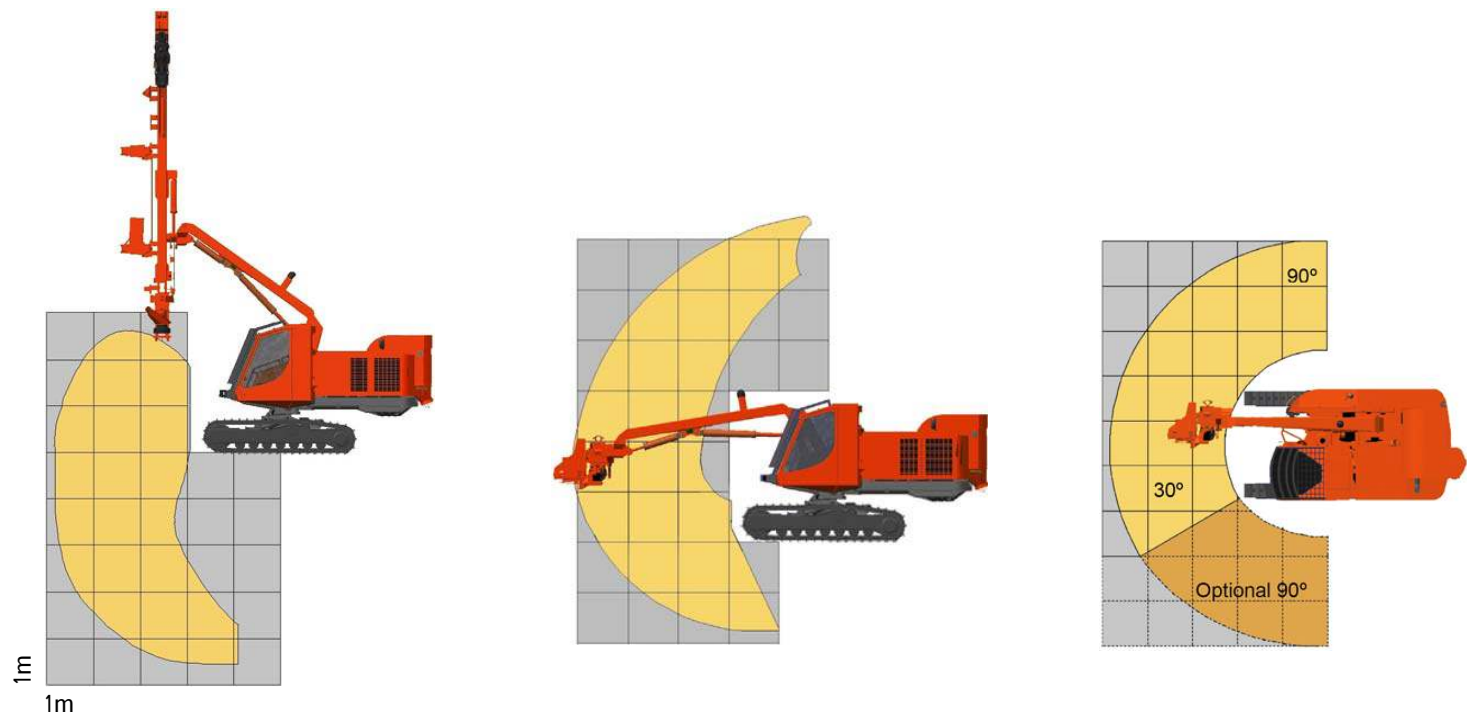
Note: Not with 10' MF-rods. If several jaws selected please specify jaws assembled.

25.	Guides for grousers
27.	Three bar grouser plates
28.	Towing hook
29.	Xenon lights, 6 pcs
30.	Hydraulic rear ground support
31.	Winch with radio remote control and cable tightness automatics
32.	Radio remote control for rear ground support, tramming and oscillation
33.	Fuel powered heater for engine and cabin
34.	Fuel powered heater for engine, cabin and water tank
35.	Readiness for fuel powered heater
36.	Electric fuel filling pump
37.	Grinder Sandvik RG420H
38.	Central lubrication system Sandvik
39.	Biodegradable hydraulic oil, Shell Naturelle HFE 46 or HFE 68
40.	Kit for alternative steels, each
41.	First service kit for DX800
42.	Special tools for HL 800T, field kit
43.	Special tools for HL 800T, complete
44.	Extra manuals
45.	Security+ Silver, Gold or Platinum
46.	SanRemo (Silver, Gold or Platinum)
47.	LED lights

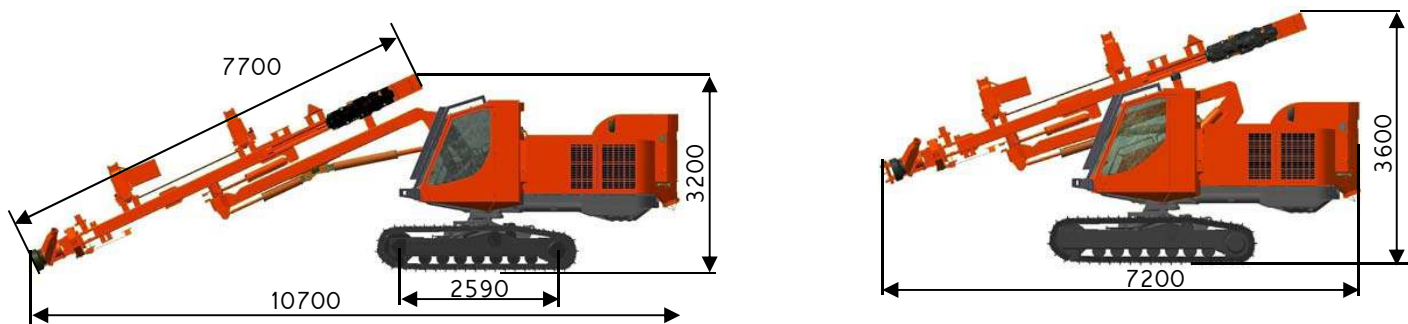
See more detailed option descriptions in Sales Tools



COVERAGE AREA



TRAMMING AND TRANSPORT DIMENSIOIS



Weight (without options)	15200 kg
Width	2.45 m
Height	3.6 m / 3.2 m
Total length	7.2 m / 10.7 m

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

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