

Ranger DX700

Surface Top Hammer Drills



Ranger DX700 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 DX700 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore DX700 is most often used by construction contractors, mines and quarries, and also included in the equipment fleet of rental houses as well.

Hole Diameter:	76 - 115 mm (3" - 4½")
Rock Tools:	45 or 51 mm (1 ¾" and 2") rods
Rock Drill:	19,5 kW
Engine Output:	168 kW
Flushing Air:	8,1 m ³ /min, up to 10 bar
Production Capacity:	1,2 Mt/year
Total Weight	15 600 kg

STANDARD COMPONENTS

Rock drill	HL 710, hydraulic
Chain feed	CF 145H, with hose reel
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 with twin pressure control
Hydraulic system	Load sensing and open center
Control system	Rock Pilot+
Movable drill steel support	
Cabin	F.O.P.S. and R.O.P.S. and Air conditioning
Dust collector	DC 810 H, hydraulic Primary separator
Working lights	9 pcs
Gauge set	For accumulator pressure checking
EU-safety devices	EN 16228, service light, alarm signal, alarm beacon
Manuals	1 x paper copy 1 x CD-ROM (ToolMan)

THE JAWS FOR DRILL STEELS

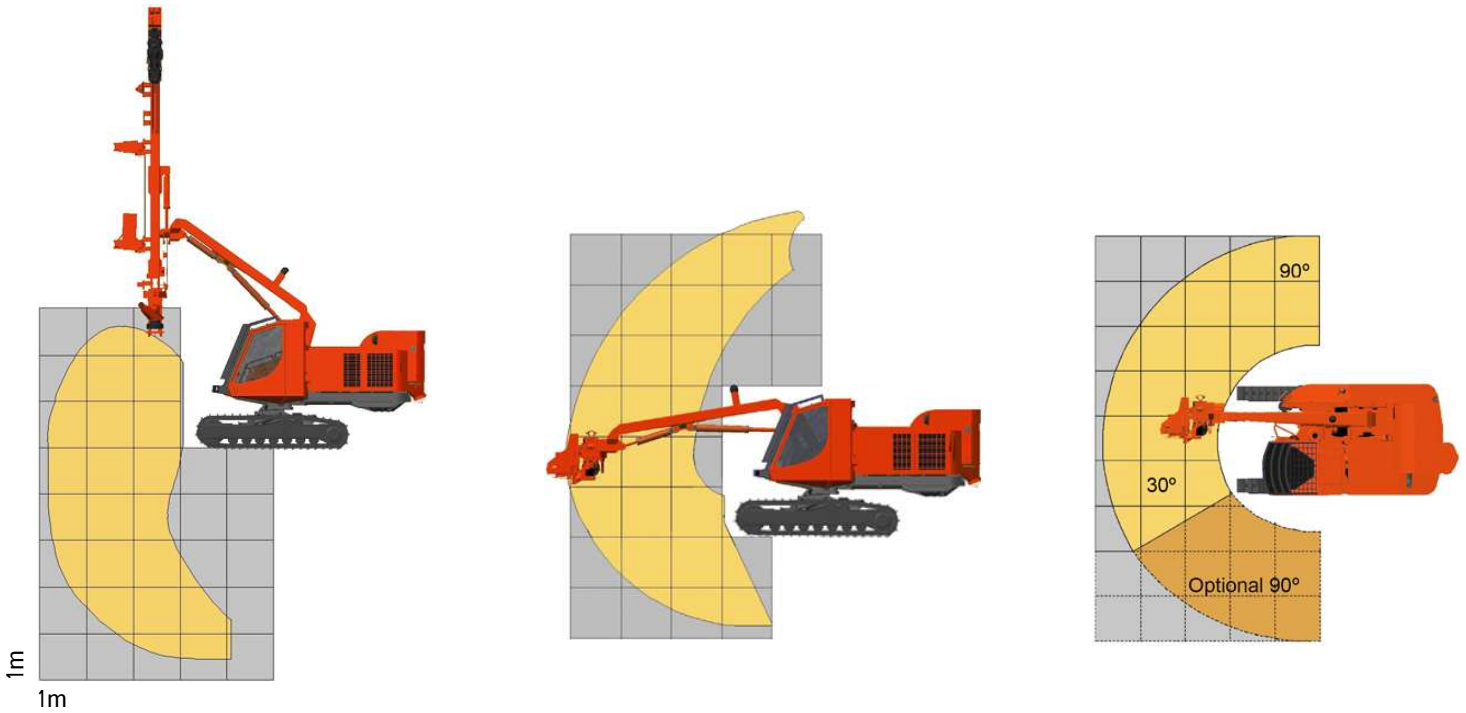
Drill steel type	Drill steel diameter	Recommended hole diameter
Extension rods	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"
MF-rod	45 mm 1 ¾"	76 - 89 mm 3" - 3 ½"
MF-rod	51 mm 2"	89 - 115 mm 3 ½" - 4 ½"
Extension rods	51 mm 2"	89 - 115 mm 3 ½" - 4 ½"

Note: not with 10' MF-rods. With hose reel only 10' or 12' rods. 51 mm (2") extension rods only 5 + 1. If several jaws selected please specify jaws assembled

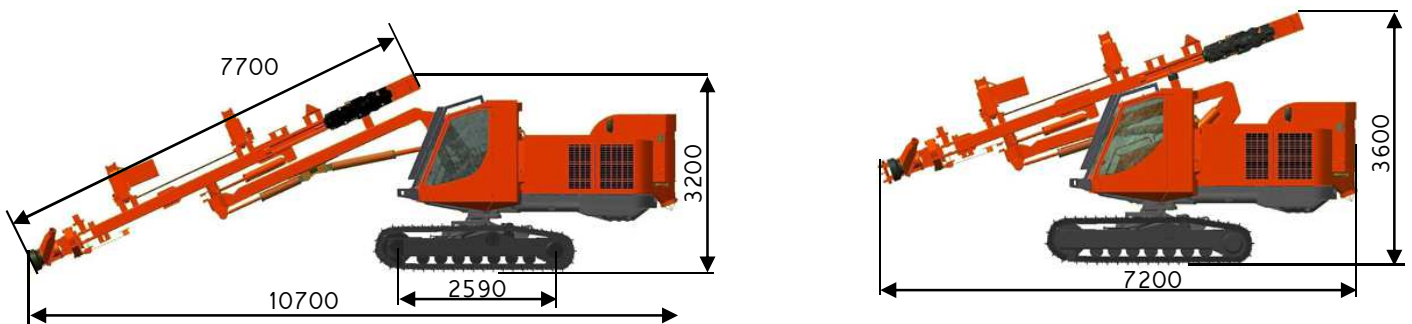
SELECTION OF OPTIONS

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.	Thread greasing
17.	Thread greasing with 5 gallon bucket
18.	Anti-freeze system for air lines
19.	Flushing control automatics
20.	Shut down of suction for water holes
21.	Dustmizer
22.	Guides for grousers
23.	Water injection system
24.	Three bar grouser plates
25.	Towing hook
26.	Xenon lights, 6 pcs
27.	Hydraulic rear ground support
28.	Winch with radio remote control and cable tightness automatics
29.	Radio remote control for rear ground support, tramming and oscillation
30.	Fuel powered heater for engine and cabin
31.	Fuel powered heater for engine, cabin and water tank
32.	Readiness for fuel powered heater
33.	Electric fuel filling pump
34.	Grinder Sandvik RG420H
35.	Central lubrication system Sandvik
36.	Biogradeable hydraulic oil, Shell Naturelle HFE 46 or HFE 68
37.	Kit for alternative steels, each
38.	First service kit for DX700
39.	Special tools for HL650/HL710, field kit
40.	Special tools for HL650/HL710, complete
41.	Extra manuals
42.	Security+ Silver, Gold or Platinum
43.	SanRemo (Silver, Gold or Platinum)
44.	LED lights (not with laser option)
45.	Winch with full radio remote for drilling, tramming boom and rod handling control
46.	Full radio remote control for drilling, tramming, boom and rod handling control

COVERAGE AREA



TRAMMING AND TRANSPORT DIMENSIONS



Weight (without options)	15 600 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.

Sandvik Mining and Construction Oy
 P.O.Box 100, FIN-33311 Tampere, Finland
 Tel. +358 205 44 121, Telefax +358 205 44 4771
www.sandvik.com