

Sandvik DQ500

Surface Top Hammer Drills



Sandvik DQ500 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.

DQ500 is meant for pilot hole drilling in dimensional stone quarries.

Hole Diameter:	45 - 89 mm (1¾" - 3½")
Rock Tools:	32, 38 or 45 mm (1¼", 1½" or 1¾") rods
Rock Drill:	15,5 kW
Engine Output:	151 kW
Flushing Air:	6,2 m ³ /min, up to 10 bar
Production Capacity:	2 000 m ³ /8h
Total Weight	14 800 kg

STANDARD COMPONENTS

Rock drill	HL 510, hydraulic
Chain feed	CF 145H with 2 ground supports
Rod handler	RH 714 incl. 1 set of jaws
Hose reel	
Boom	DB 800 SW, articulated with roll-over
Carrier	Track mounted, turnable superstructure 180°
Powerpack	Diesel driven, hydraulic pumps and on-board compressor
Hydraulic system	Load sensing and open center
Control system	THC 700, remote control for boom system
Movable drill steel support	
Cabin	F.O.P.S. and R.O.P.S.
Dust collector	DC 800 H, hydraulic
Working lights	9 pcs
Gauge set	For accumulator pressure checking
Reversing alarm	
Manuals	Service and spare parts manuals: 1 x paper copy 1 x CD-ROM (Toolman)

SELECTION OF OPTIONS

1.	Air conditioning
2.	Rod greasing system
3.	P&Q electric vertical angle indicator (± 6 deg.)
4.	Electric angle indicator TIM 2302 with aiming unit
5.	Measuring system TIM 2303 with aiming unit - Not for horizontal drilling
6.	Laser based measuring system TIM 2305
7.	Electric filling pump for refuelling
8.	Remote control box; for rear ground support, driving and oscillation
9.	Remote control box + hydraulic winch with cable tightness automatics (replaces and includes previous option)
10.	Hydraulic rear ground support
11.	Three-bar grouser plates
12.	Towing hook
13.	Guides for grousers
14.	Fuel operated heater for cabin, hydr. oil and engine
15.	Flushing control automatics

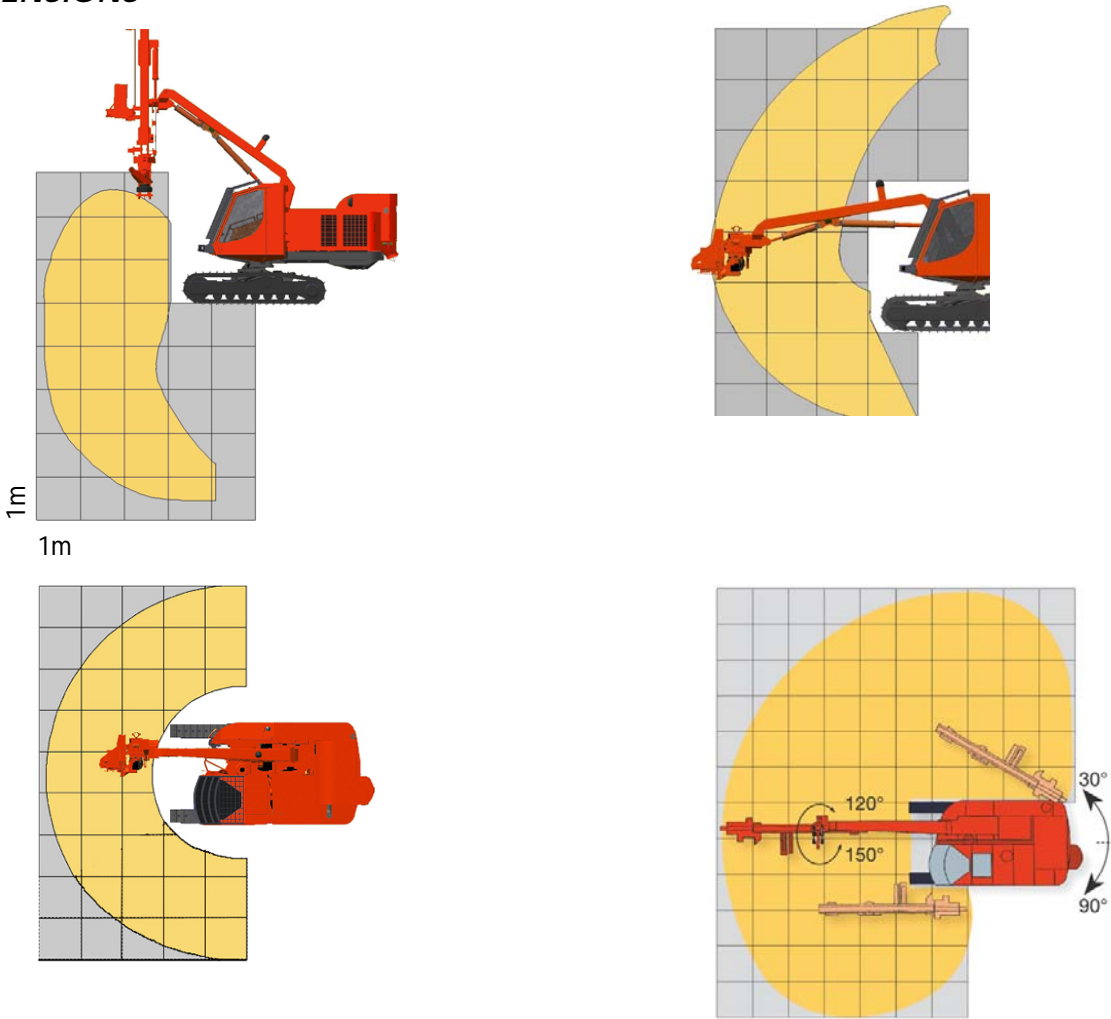
THE JAWS FOR DRILL STEELS

<i>Drill steel type</i>	<i>Drill steel diameter</i>	<i>Recommended hole diameter</i>
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"

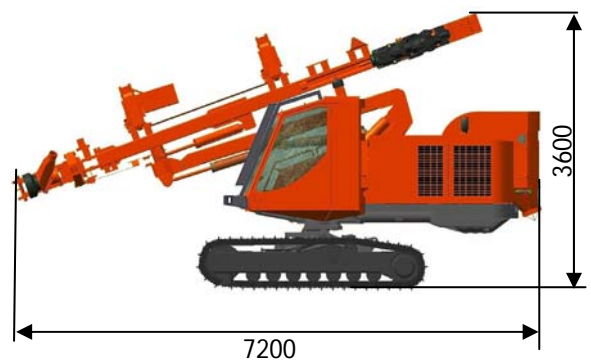
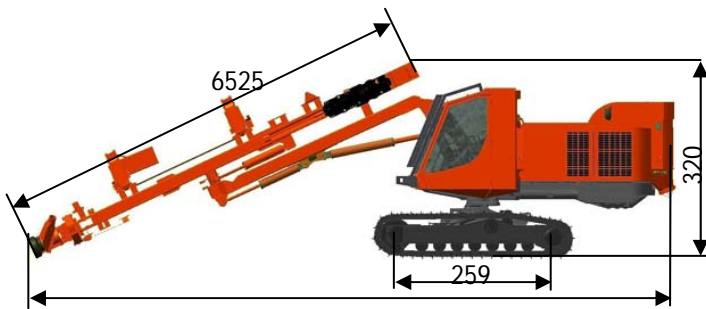
Note: not with 10' MF-rods. If several jaws selected please specify jaws assembled

16.	Shut down of suction for water holes
17.	Sanrock Mini H hydraulic bit grinder
18.	Primary separator PE 50
19.	Radio with CD player
20.	Central lubrication system
21.	Kit for alternative steels
22.	Water injection system with tank
23.	Water injection system w/o tank
24.	Biodegradable hydraulic oil, Shell naturelle HFE 46 or HFE 68 (synthetic ester)
25.	Extra manuals
26.	First service kit for DQ500
27.	Special tools for HL 510, field kit ID 880 817 19
28.	Special tools for HL 510, complete set ID 152 257 68
29.	Antifreeze for air lines
30.	Dustmizer system

DIMENSIONS



TRANSPORT DIMENSIONS AND COVERAGE AREA



Weight (without options)	14 800 kg
Width	2.5 m
Height	3.6 m / 3.2 m
Total length	7.2 m / 10.7 m