

# Sandvik DC120

## Surface Top Hammer Drills



Sandvik DC120 is a hydraulic, self-propelled drilling unit on a 4-wheel drive carrier.

Typical applications for DC120 are foundation drilling, road cutting, trenching, bolting, line drilling in dimensional stone quarries and other special drilling applications. Therefore DC120 is most often used by construction contractors, mines and quarries, and the municipal sector. Thanks to its versatility DC120 is often included in the equipment fleet of rental houses as well.

Hole Diameter:	22 - 45 mm ( $\frac{1}{8}$ " - $1\frac{3}{4}$ " )
Rock Tools:	19, 22 or 25 mm ( $\frac{3}{4}$ ", $\frac{7}{8}$ " or 1") rods
Rock Drill:	5,5 kW
Engine Output:	37 kW
Flushing Air:	1,2 m <sup>3</sup> /min, up to 8 bar
Production Capacity:	300 - 540 m <sup>3</sup> /8h
Total Weight	2 710 kg

## STANDARD COMPONENTS

Rock drill	HEX 1, hydraulic
Chain feed	CF 100 x 32 / HEX 1, incl. one set of jaws
Rod rack	On the carrier
Boom	DB 120, articulated
Carrier	Rubber-tyred
Powerpack	Diesel driven, hydraulic pumps and on-board compressor
Hydraulic system	Open center
Control system	TA 132/120, manual
Dust collector system	DC 120, hydraulic
Working lights	4 pcs
Hydraulic jacks	4 pcs
Manuals	Service and spare parts manuals: 1 x paper copy 1 x CD-ROM (Toolman)

## SELECTION OF OPTIONS

1.	Hydraulic winch (1 ton)
2.	Chain tracks
3.	Hydraulic drill steel grinder, Dynaset
4.	Hydraulic drill steel grinder for hexagonal steels, Sanroc RG100H
5.	TIM 1402 feed angle measuring system
6.	TIM 1403 feed angle and hole depth measuring system
7.	Spirit level angle indicator
8.	Water flushing kit without water pump
9.	Shut down of suction for water holes
10.	Manual fuel filling pump

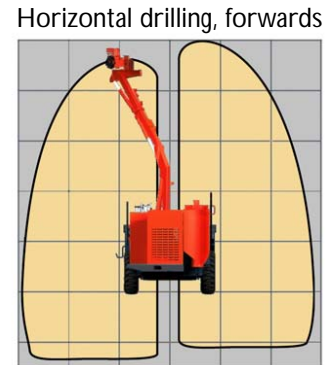
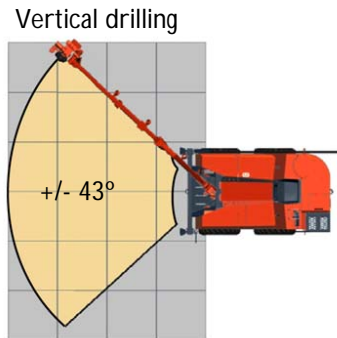
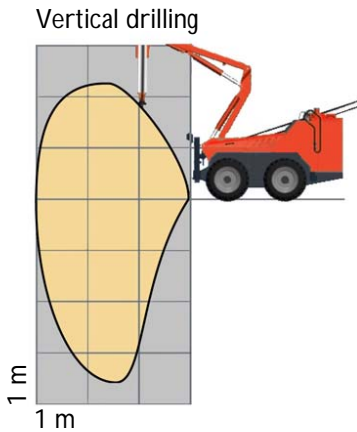
## THE JAWS FOR DRILL STEELS

Drill steel type	Drill steel diameter	Recommended hole diameter
Hexagonal steels	19 mm $\frac{3}{4}$ "	22 - 27 mm $\frac{7}{8}$ " - $1\frac{1}{16}$ "
Hexagonal steels	22 mm $\frac{7}{8}$ "	28 - 45 mm $1\frac{7}{64}$ " - $1\frac{3}{4}$ "
Hexagonal steels	25 mm 1"	35 - 45 mm $1\frac{3}{8}$ " - $1\frac{3}{4}$ "
MF rods	R23	33 - 45 mm $1\frac{5}{16}$ " - $1\frac{3}{4}$ "
Shank adapter/ Shank rod	R23	33 - 45 mm $1\frac{5}{16}$ " - $1\frac{3}{4}$ "
Shank rod Alpha 250	25 mm 1"	35 - 45 mm $1\frac{3}{8}$ " - $1\frac{3}{4}$ "

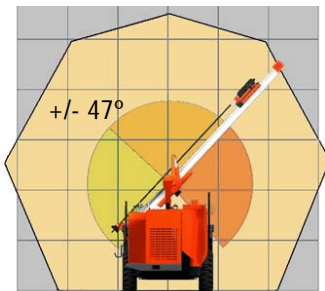
If several jaws selected please specify jaws assembled

11.	Electric fuel filling pump
12.	Electric engine heater
13.	Extra manuals
14.	First service kit for DC120
15.	Special tools for HEX 1, complete set ID 550 259 07
16.	Biodegradable hydraulic oil, Shell Naturelle HFE 46 or HFE 68 (synthetic ester)
17.	PTX exhaust gas purifier
18.	Central lubrication system

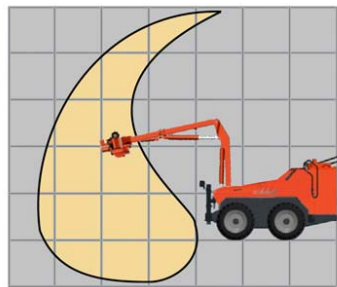
**COVERAGE AREA**



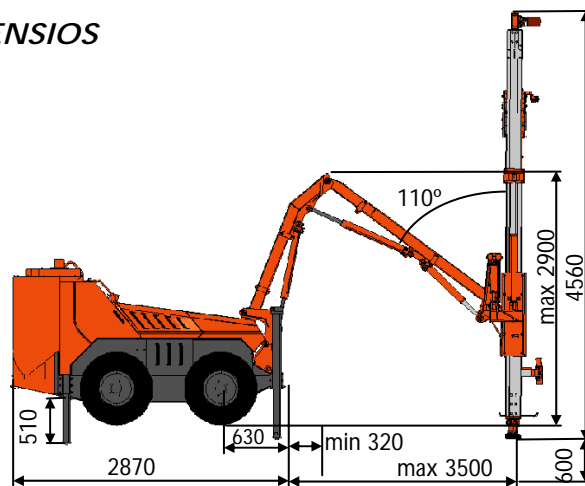
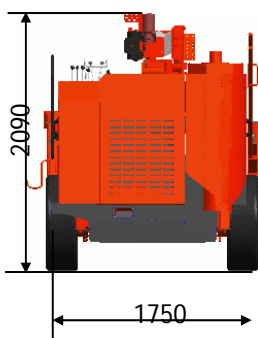
Horizontal drilling, sideways  
 With manual roll-over



Horizontal drilling, sideways



**TRAMMING AND TRANSPORT DIMENSIONS**



Weight (without options)	2 710 kg
Width	1.8 m
Height	2.2 m
Total length	4.5 m