DC122R

SURFACE DRILLS

TECHNICAL SPECIFICATION



Sandvik DC122R is a fully remote controlled, hydraulic and self-propelled drilling unit on a 4-wheel drive carrier.

Typical applications for DC122R are foundation drilling, road cutting, trenching, bolting, line drilling in dimensional stone quarries, and other special drilling applications. Therefore DC122R is most often used by construction contractors, mines and quarries, and the municipal sector. Due to its versatility DC122R is often included in the equipment fleet of rental houses as well.

Hole Diameter:	22 - 45 mm ($^{7}/_{8}$" - 1 $^{3}/_{4}$")
Rock Tools:	19, 22 or 25 mm ($^{3}/_{4}$", $^{7}/_{8}$" or 1") rods
Rock Drill:	5,5 kW
Engine Output:	37 kW
Flushing Air:	1,2 m^3/min, up to 8 bar
Production Capacity:	300 - 540 m^3/8h
Total Weight	2 850 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	TA132E/120, radio remote
Dust collector	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)

THE JAWS FOR DRILL STEELS

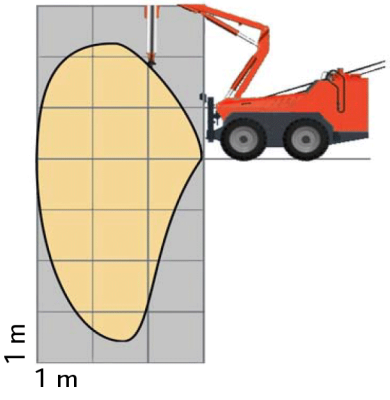
Drill steel type	*Drill steel diameter*	*Recommended hole diameter*
Hexagonal steels	19 mm $^{3}/_{4}$"	22 - 27 mm $^{7}/_{8}$" - 1 $^{1}/_{16}$"
Hexagonal steels	22 mm $^{7}/_{8}$"	28 - 45 mm 1 $^{7}/_{64}$" - 1 $^{3}/_{4}$"
Hexagonal steels	25 mm 1"	35 - 45 mm 1 $^{3}/_{8}$" - 1 $^{3}/_{4}$"
MF rods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

If several jaws selected please specify jaws assembled

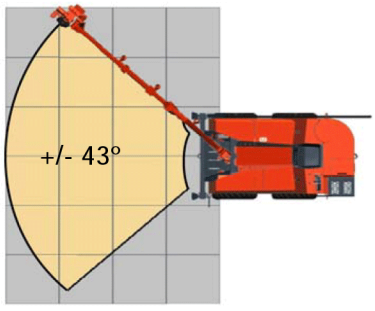
SELECTION OF OPTIONS

1.	Hydraulic winch (1 ton)
2.	Chain tracks
3.	Hydraulic drill steel grinder, Dynaset
4.	Hydraulic drill steel grinder for hexagonal steels, Sanroc ILH
5.	TIM 1402 feed angle measuring system
6.	TIM 1403 feed angle and hole depth measuring system
7.	TIM 1404 feed angle measuring and adjusting system
8.	Spirit level angle indicator
9.	Water flushing kit without water pump
10	Shut down of suction for water holes
11.	Manual fuel filling pump
12.	Electric fuel filling pump
13.	Electric engine heater
14.	Extra manuals
15.	First service kit for DC122R
16.	Special tools for HEX 1, complete set ID 550 259 07
17.	Biodegradeable hydraulic oil, Shell Naturelle HFE 46 or HFE 68 (synthetic ester)
18.	PTX exhaust gas purifier
19.	Central lubrication system

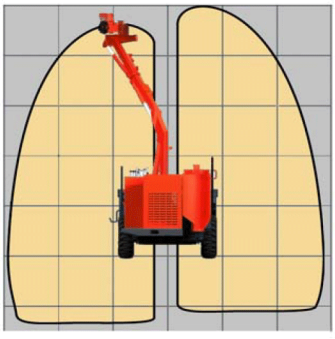
Vertical drilling



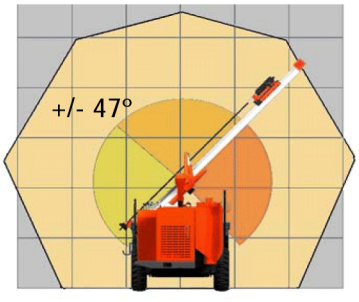
Vertical drilling



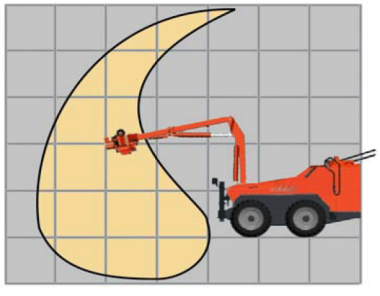
Horizontal drilling, forwards



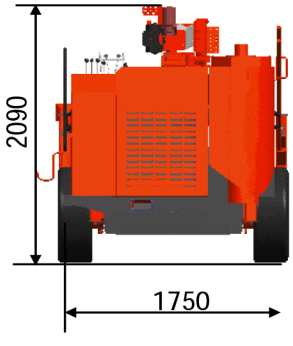
Horizontal drilling, sidewards
With manual roll-over

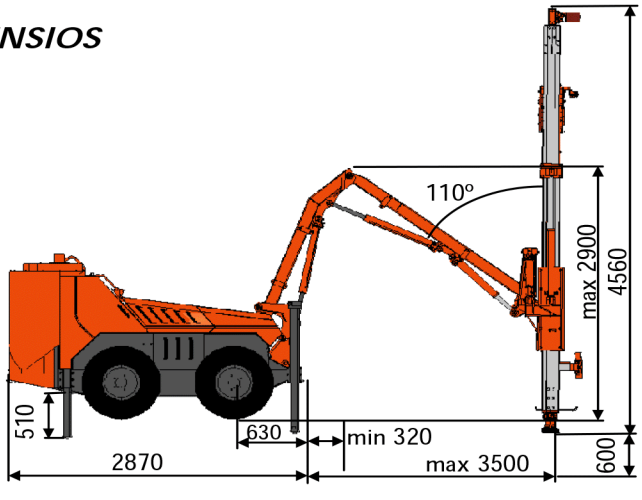


Horizontal drilling, sidewards



TRAMMING AND TRANSPORT DIMENSIOS





Weight (without options)	2 850 kg
Width	1.8 m
Height	2.1 m
Total length	4.6 m