

ROC F9 SURFACE DRILLS

TECHNICAL SPECIFICATION



Technical data ROC® F9

Recommended hole range

ROC F9	89-127 mm	3½"-5"
Hole Depth	30 m	98'

Compressor

Atlas Copco, screw type compressor		
Working pressure, max.	12 bar	175 psi
FAD	210 l/s	445 cfm

Engine

Caterpillar, water-cooled diesel engine, CAT C9Tier III/stage 3		
Rating at 2000 rpm	224 kW	304 HP

Fuel tank

Capacity	400 l	106 US gal.
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Feed

Feed length, total	8 100 mm	26'7"
Travel length	4 770 mm	15'8"
Feed extension	1 300 mm	4'3"
Feed rate, max.	0,92 m/s	180 ft/min
Feed force, max.	20 kN	4 500 lbf

Tramming

Tramming speed, max.	3,6 km/h	2.2 mph
Traction force	112 kN	25.200 lbf
Hill climbing ability	20° (30° with winch)	
Track oscillation	±10°	
Ground clearance	405 mm	16"

Hydraulic rock drill

COP 2560 / 2560EX		
Impact power, max.	25 kW	33.5 HP
Hydraulic pressure, max.	230 bar	3 335 psi
Impact rate, stroke 2/3	55/44 Hz	
Torque, max.	1810 Nm	1335 lbf/ft
Weight, approx.	195/250 kg	450/550 lb

Transport dimensions

Weight, optional equipment excluded		
ROC F9 -10	approx. 16 400 kg	36 150 lb
ROC F9 -11	approx. 16 600 kg	36 600 lb
Width	2 490 mm	8'2"
Length	13 000 mm	42'8"
Height	3 200 mm	10'6"

Standard equipment

Air conditioner
 Reduced impact pressure mechanism
 Anti-jamming system
 Automatic feed-force control
 Fuel saving device
 Two-speed traction motors
 Dust collector and pre-separator
 Double hydraulic drill-steel support
 Rod-handling system
 Feed extension
 Heavy-duty tracks
 Operator's cabin, ECM, ROPS and FOPS approved

Air-flow control switch
 Water mist system excl. tank
 Toe-hole drilling kit
 HEC 3 inclination/depth control
 Lubrication oil collection device

Selection as optional equipment

Hydraulic winch
 Hydraulic support leg
 Electric refuelling pump
 Central lubrication system
 TAC tube guides for precision drilling
 Thread-greasing device
 Built in drill steel extractor

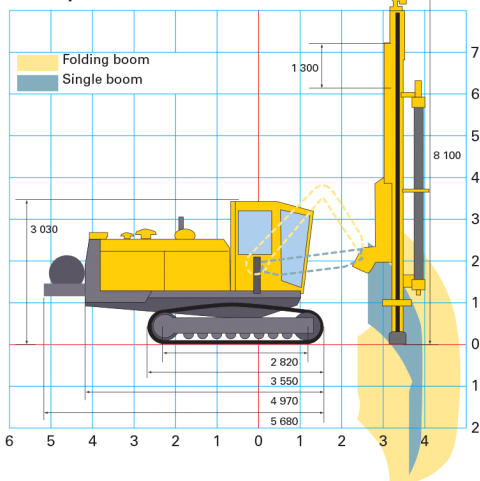


Transport position

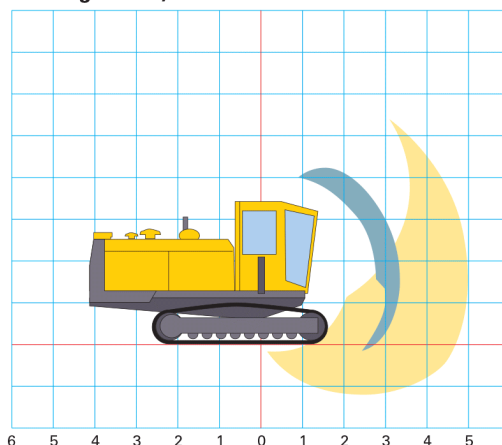
ROC F9 LM (long mast version)

Maximize drill time. Minimize inproductive rod changing time. The ROC F9 features a drill feed system for 6.1 m (20 foot) drill rods, with a maximum hole depth of 36 m (118 feet). Please contact our local Atlas Copco company for further information and technical data.

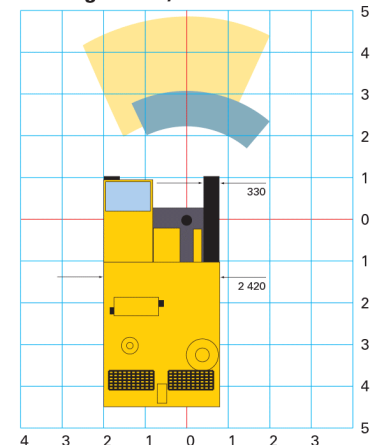
Reach, vertical



Coverage areas, with horizontal feed



Coverage areas, with vertical feed



Illustrations in this brochure may show equipment with optional extras. Specifications and equipment subject to change without prior notice. Consult your Atlas Copco sales company for specific information.