

SILENCED SMARTRIG D7C SURFACE DRILLS

TECHNICAL SPECIFICATION



Main benefits

- Can drill closer to urban areas
- Environmental friendly
- Higher productivity

Technical specification

Recommended hole range SmartRig ROC D7C

T38, T45, T51

64-115 mm

2 1/2"-4 1/2"

Max hole depth, approx	28 m	92'
Recommended hole range SmartRig ROC D9C		
T45, T51	76-115 mm	3"-4 1/2"
Hole depth	28 m	approx. 92'
Hydraulic rock drill		
COP 1840-series		
Impact power	20 kW	26.8 hp
COP 2560 (ROC D9C)	25 kW	33.5 hp
Atlas Copco C 106 screw type compressor		
Working pressure, max.	10.5 bar	152 psi
FAD (SmartRig ROC D7C)	127 l/s	270 cfm
FAD (D9C)	136 l/s	288 cfm
Engine SmartRig ROC D7C/D9C Caterpillar water-cooled		
Diesel engine Stage 3/Tier III	CAT C7	
Rating at 2,200 rpm	168 kW	225 hp
Boom variants		
Folding boom system		
Fuel tank		
Capacity	370 l	98 US gal
Feed		
Feed length, total	7,140 mm	23'5"
Travel length	4,240 mm	15'
Feed extension	1,400 mm	4'3"
Feed rate max.	0.92 m/s	180 ft/min
Feed force, max.	20 kN	4,400 lbf
Coverage area, approx	12 m ²	130 sqft
Tramming		
Traction force	142 kN	31,920 lbf
Track oscillation	±12°	
Ground clearance	455 mm	17 1/2"
Transport dimensions		
Weight, excl. options	14,900 kg	32,850 lb
Width	2,490 mm	8'2"
Length (feed dumped back/forward)	11,200 mm /10,700 mm	36'9"/35'9"
Height (feed dumped back/forward)	3,200 mm/3,500 mm	10'2"/11'6"

