

# Soilmec SM8G

Track Mounted Rotary Drilling Rig



## DIMENSIONS

	Travelling	Working
Length:	8295mm	5300mm
Width:	1900mm	2500mm
Height:	2450mm	8295mm
Weight:	1000kg	

## CAPABILITY

- 102mm dia 'Geobor S' core to 200m
- 112mm dia 'SWF' core to 100m
- 92mm "PQ" wireline to 250m
- 92mm dia 'PWF' core to 130m
- 72mm dia 'HWF' core to 150m
- Tri-cone O/H 216mm dia to 120m

Double clamps with breakout diameter of up to 260mm

## DRILL HEAD

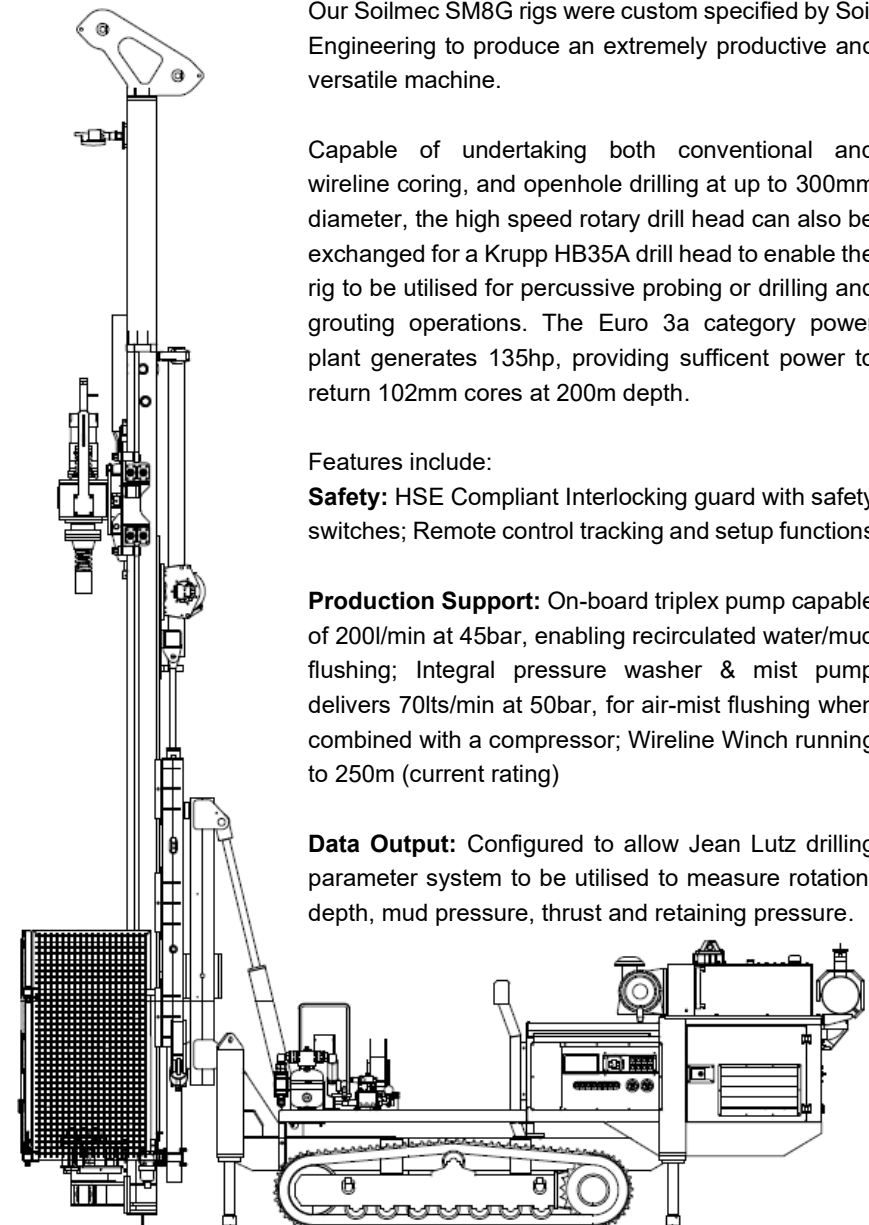
6 Speed Head

Torque / Speed range:

	Gear 1	Gear 6
Torque	820 daN	45 daN
Speed	50 rpm	920 rpm

## COMPANY HOLDING

2No.



Our Soilmec SM8G rigs were custom specified by Soil Engineering to produce an extremely productive and versatile machine.

Capable of undertaking both conventional and wireline coring, and openhole drilling at up to 300mm diameter, the high speed rotary drill head can also be exchanged for a Krupp HB35A drill head to enable the rig to be utilised for percussive probing or drilling and grouting operations. The Euro 3a category power plant generates 135hp, providing sufficient power to return 102mm cores at 200m depth.

Features include:

**Safety:** HSE Compliant Interlocking guard with safety switches; Remote control tracking and setup functions

**Production Support:** On-board triplex pump capable of 200l/min at 45bar, enabling recirculated water/mud flushing; Integral pressure washer & mist pump delivers 70lts/min at 50bar, for air-mist flushing when combined with a compressor; Wireline Winch running to 250m (current rating)

**Data Output:** Configured to allow Jean Lutz drilling parameter system to be utilised to measure rotation, depth, mud pressure, thrust and retaining pressure.