



SAR100

Innovative, compact yet robust, the SAR100 gets into small spaces.

The SAR100 uses 3m drill rods



Pick your colour!



Perfect for urban drilling



The SAR100 truck (5 ton) drill rig was designed to have the power of a big rig but compact enough to be perfect for urban and village drilling and to be easily manoeuvred into tight spaces.

Technical Data & Specification

Rotation Head:

Gearbox drive, 2 x Eaton hydraulic motor drive with variable rotation speed.

40 mm ID 110 mm OD main through shaft 3.5" API Reg

Rotational speed: 0—70 RPM

Application:

Urban drilling

DTH & mud rotary

Diameter: 125—216 mm

Depth: 200m

Feed System:

Hydraulic cylinder 90mm barrel
60mm shaft

Head travelling stroke: 3.6 m

Pull up capacity: 9,000 kg

Drill Pipe:

3 m 60—114 mm

Recommended:

3m 89mm 2 3/8"

API IF

Hydraulic Power Pack:

Engine: 44.0 kW at 2,150 RPM, 4 cylinder, air-cooled
F4L912 diesel engine with electric start

Hydraulic system: triplex bushing gear pump (60 cc,
50 cc, 25 cc), system pressure 180 bar max

Truck:

FAW 8.140 FL

Mast/Tower:

Extruded steel, break out table to open 260 mm diameter.

Mast raised to vertical from storage position by a hydraulic cylinder through hydraulic cylinder.

4 LED flood lights for night time operation

Dimensions:

Overall length: 6.91 m

Overall width: 2.1 m

Overall height: 2.53 m

Weight: 6,920 kg

