The Simba H253 is an electric hydraulic top hammer long hole drill rig, designed to drill holes 51-89mm up to 30m in length. It is equipped with a console, which can be inclined 20° forward and 85° backwards in the longitudinal direction of the drill rig. The console serves as an attachment device for the feed beam, which is mounted, with the following components:

- Slidetable – for parallel re-positioning of the feed beam in the lateral plane.
- Rotary actuator – rotates the feed beam through 360° (in the lateral plane).

This configuration enables the rig to complete 360° ring drilling and parallel holes 1.5 m apart from the one set up position. The drill rig is stabilized during drilling by means of four extendable hydraulic jacks. The feed beam is fixed in the correct position by means of hydraulic stingers.

**Specifications**

- Weight 11,500 kw
- Packed up travel height 3.3m, length 7.4m, width 2.4m
- Diesel hydraulic tramming, 4 cylinder Deutz motor, Max Tramming Speed 12km/hr
- Carrier; 4 wheel drive articulated steering
  - Hydraulic oil immersed disk brakes on both axles
  - Two-circuit system Parking / Emergency brakes
- Electric hydraulic operation 1000v
  - Hydraulic pump motor 55 kw, Water booster pump 1.5 kw
- 1238 Drifter uses R32, T38 or T45 running gear with a guide tube as lead rod
- Carousel to suit 1.8m Rods
- Angle reading instrument TransTronic 6G
- Flushing water requirements at 12 bar 1.1 L/S
- Equipped with electric remote control system for drilling operations
- Segregated steel braided fuel lines
- Power to run fuel solenoids
- 45L NFP Fire suppression system
- 4.5kg Dry chemical powder fire extinguisher
- Certified F.O.P.S. Canopy

**Features**

Simba H253
Combined parallel-hole drilling (max. hole-spacing 1.5m without moving rig), 360° ring-drilling and fan drilling.
ATLAS COPCO SIMBA H253

LASER OFFSETS FOR DUMP RINGS
BACK HEIGHT

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