

# PERSEVERANCE

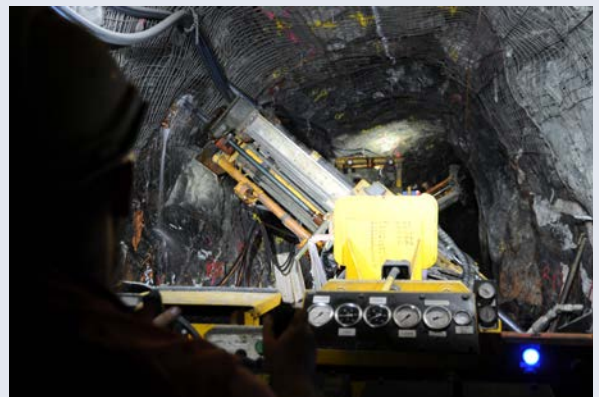
DRILLING UNDERGROUND

## SIMBA H1357



### Features

The Simba H1357 is a very versatile boom mounted top hammer long hole drill rig. This rig is designed to drill holes from 51mm in diameter to 89mm. Drilling with an 18kw drifter gives it lots of punch. The rig is capable of drilling up to 33m. The boom mounted rail allows it to drill 360° ring drilling with a dump angle from 10° backwards to 90° forward. The rig has a vertical reach of 6.1m and can drill parallel holes up to 5.9m apart. The rig has an articulated carrier powered with diesel hydraulic traction and 4WD providing good traction and manoeuvrability. Lasers are used to position the rig onto a ring. Once in position the carrier is supported by 4 jacks for stability whilst drilling. The operator's controls are mounted on the rig, which provides excellent overview of the drilling.



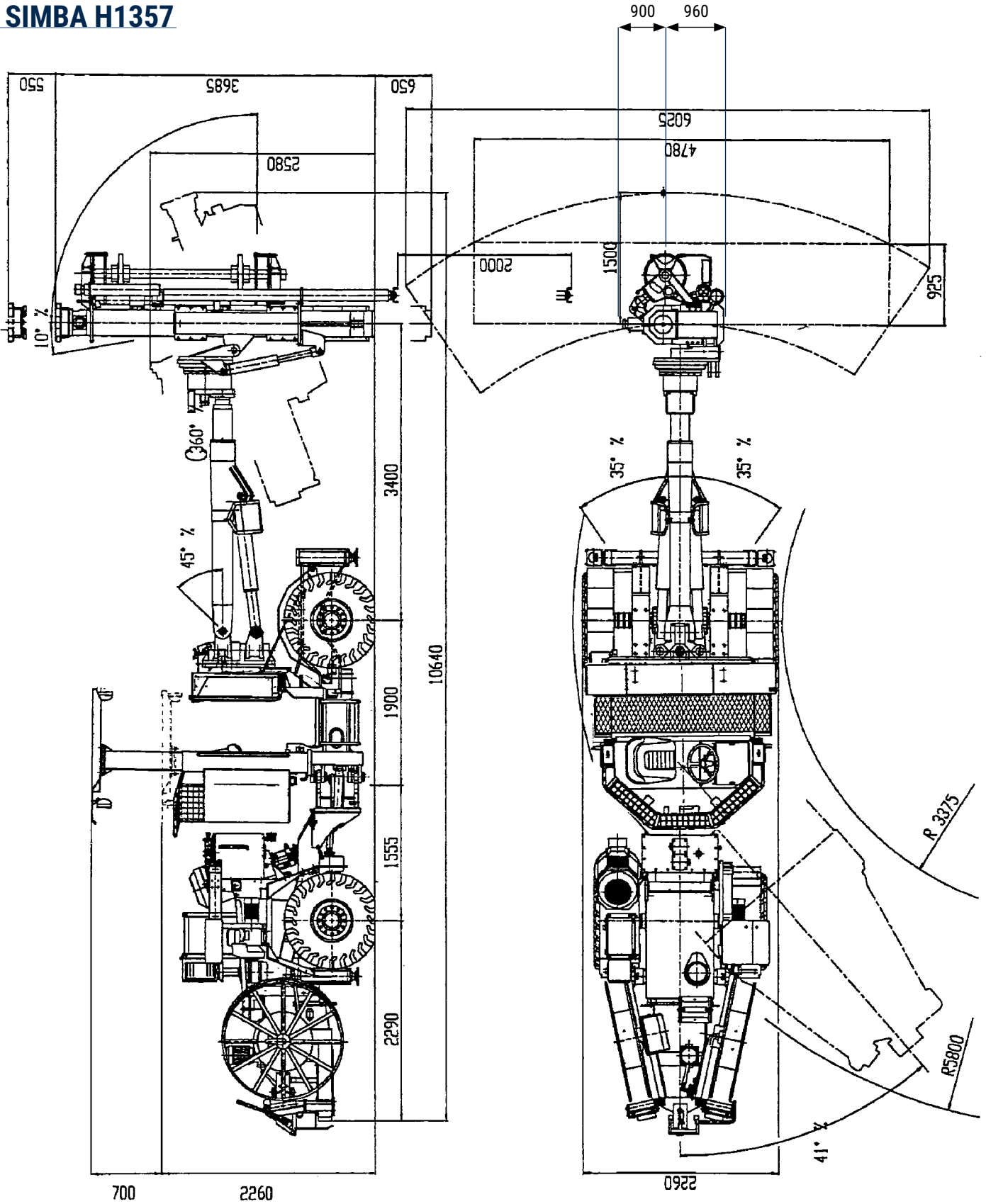
### Specifications

- Weight 16,300kg
- Length 11.6m
- Height 2.26m – 2.96m
- Width 2.26m
- Diesel hydraulic tramping, max tramping speed 13km/hr
- Carrier; 4 wheel drive articulated steering  
Automatic diff lock on both axels  
Fail safe parking brake, dual circuit braking system
- Electric Hydraulic operation 1000v  
Hydraulic pump motor 55kw  
Water Booster pump 2.5kw  
Compressor 5kw
- Drifter uses T38 and T45 running gear
- Air-watermist flushing system powered by CAT piston pump.
- Angle reading system ARI 357
- Atlas Copco LE55 Compressor
- Power greaser fitted
- 4 extendable outrigger jacks
- Front and rear hydraulic stingers to ensure stable set up of the feed rail.
- Certified Atlas Copco F.O.P.S. canopy
- 65L AFFF fire suppression system
- 9kg Dry Chemical fire extinguisher
- Lasers for rig positioning at 6m offset from drill ring

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