

## ATLAS COPCO SIMBA E7 C



### Features

Hydraulic long hole production drill rig for medium to large size drives, with excellent cover area and flexibility. Hole range from 51mm up to 127mm. The Simba E-Series is equipped with a boom-mounted drilling unit for improved versatility, adaptable to any challenge for example drilling parallel holes upward and downward up to 4.5m spacing.

### Specifications

- Weight 27,300 kg
- Width 2550mm
- Height: 3100mm with cabin
- Length for transport: 12,748mm
- Deutz TCD 2013 L04 ZV Stage III Atier 3 (120kW)
- Max tramming speed on flat: 15km/h
- Max tramming speed on incline 1:8: 5km/h
- Carrier, 4 wheel drive, articulated steering (41°), automatic differential, back on front axel, limited slip
- Certified FOPS/ROPS approved cabin, noise level <80dB
- 1000 volt electric hydraulic operation. Total installed power 158kW (main motors 2x75kw)
- Low voltage system 24v
- Four mounted stingers for a rock solid drilling set up

- Atlas Copco Rig Control System (RCS)
- 1838VS and 2550VS drifters using T38, T45, T51 running gear
- 4050 drifter with ST58 and ST68 available
- Mechanised drilling up to 51m
- Sandvik 65L M-Series fire suppression
- Hydraulic water booster pump. Capacity at 15 bar 250L/min, min inlet pressure 2 bar
- Laser offsets (with boom flat at min reach):

	0°	5°	10°	15°	20°
4.5m	6.0m	6.2m	6.4m	6.7m	6.9m
5.0m	6.0m	6.2m	6.5m	6.8m	7.1m
5.5m	6.0m	6.3m	6.6m	6.9m	7.3m

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DIMENSIONS	Simba ME7	Simba E7	Simba E7-IH
Measurement			
Width	2 515 mm	2 550 mm	2 550 mm
Length, tramming	12 270 mm	12 748 mm	13 700 mm
Height with cabin	3 100 mm	3 100 mm	3 100 mm
Height roof up/down	2 494 / 2 594 mm	2 578 / 3 078 mm	2 578 / 3 078 mm
Ground clearance	265 mm	300 mm	300 mm
Weight (max. load)		7 625 / 4 750 mm	8 300 / 4 700 mm

### TRAMMING SPEED

Chitral ground (Rolling resistance 0.05)	>16
Chitraline 18	>6

### GROSS WEIGHT (DEPENDENT ON CONFIGURATION)

Rig type	Total	Boomside	Engine side
Simba ME7	27 000 kg	18 000 kg	9 000 kg
Simba E7	27 300 kg	18 300 kg	9 000 kg
Simba E7-IH	27 500 kg	17 500 kg	10 000 kg

