



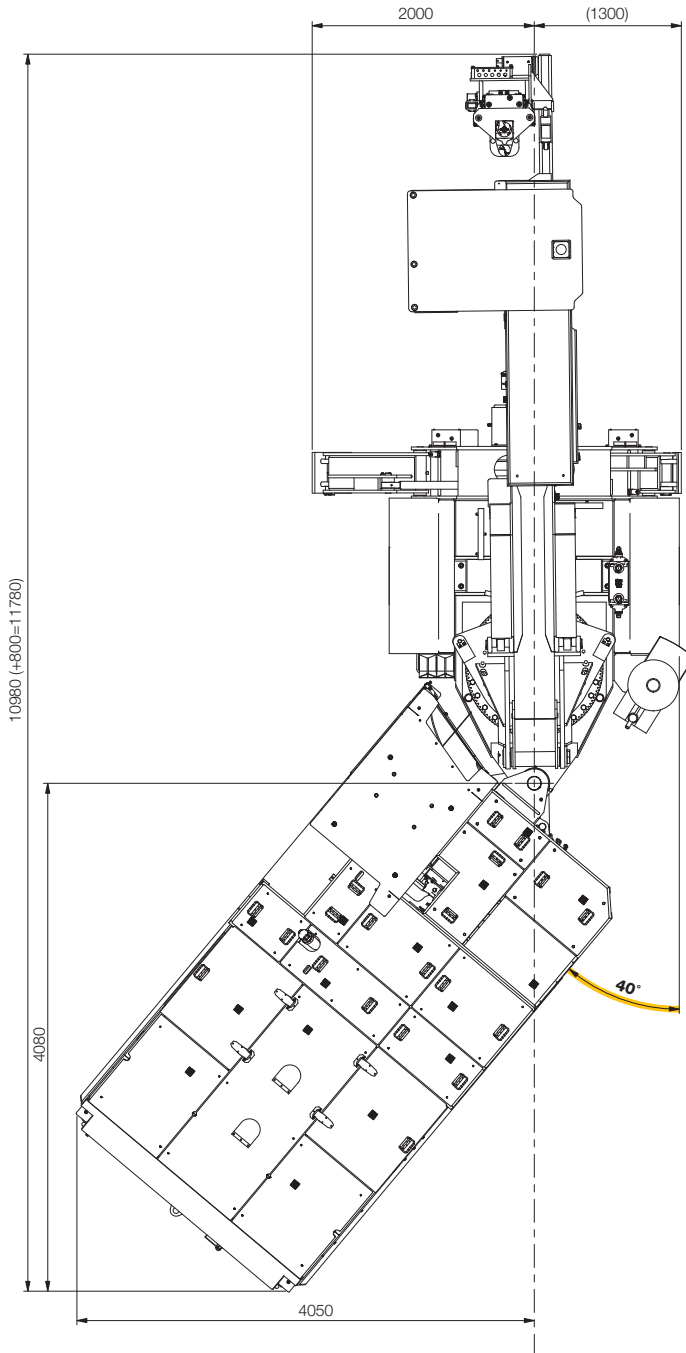
Roof Master 2.3

High reach roof bolter with mesh handler

- Drilling system enables holes of between 25 to 38 mm dia. to be drilled to up to 15.0m depth (depending on drilling and strata conditions). 6.0 m straight line drill coverage.
- **Man in Position** drilling system – locates the operator close to the drilling and bolting operations and his protected by an MSHA. Doubled full control system to drill from Driving cabin.
- Certified closed, air conditioned driving cabin, where operator will have the possibility to drill bolting holes. Bolt installation has to be done from operator basked, located at the end of boom.
- Capable of bolting in height of from 4,0 m up to 7,0 m
- Machine ready to install mechanic expansion shell bolts, resin bolts and cement grouted bolts as well as wire mesh, prepared in rolls 2,5 m x 25 m.
- Minimum tramming height: 2.3 m.
- Ergonomic, fully adjustable, operator seat with suspension. Operator's driving cabin conforming to FOPS & ROPS regulations.
- Reliable hydraulic controls – ensuring low operating costs and high performance.
- Diesel powered articulated chassis with permanent 4-wheel drive.
- Fail-safe, wet multi-disc service brakes with additional fail-safe emergency-parking brake.
- Inch tramming – slow driving of the machine from one to another bolting row, controlled from operator's stand, located at the end of working boom.
- Steel grid side protection of operator's stand.
- Mesh handler with wire mesh in roll, prepared for roof as well as side bolting.

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Main components

- Telescopic AR D/E boom with **Roof referenced** type mast
- Deutz diesel engine
- Tyres 14.00 x 20
- Fletcher Heavy duty rotary percussive HV32 rock drill
- Roof referenced mast with hydraulic drill guide
- Typical installed electric power – 55 kW
- Hydraulic axial piston pump with load sensing and gear
- Mesh handler with wire mesh in roll prepared for side bolting
- Closed air-conditioned cabin
- Concrete injection system

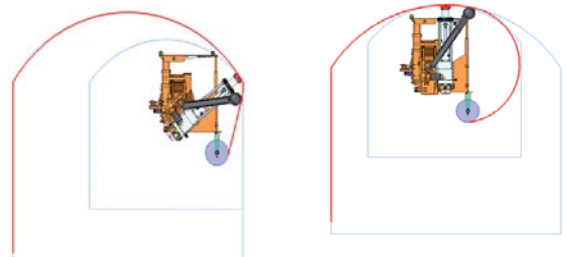
Options

- Fire suppression system with flame detection
- Air-conditioning for bolting operation
- By-pass filtration
- Hand pump to release emergency/parking brakes

Weight and dimensions

Weight	28 500 kg
Length with ready for bolting mesh handler	12 250 mm
Width	2 600 mm
Height	2 300 mm
Turning radius	Ri = 3 500 mm Ro = 6 300 mm

Mesh handler with wire mesh in roll, with roll mesh on hooks (preparation step).



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