

HYDRAULIC ROCK SPLITTER S950 BACKHOE MOUNTED

Revolutionizing excavation with precision-engineered backhoe-mounted S950 Hydraulic Rock Splitter



| Model | Drill Hole Diameter mm | Drill Hole Depth mm | Splitting Force kn\ton | Wedge Diameter Mm | Wedge Length mm | Length of Splitter mm | Cylinder Length mm | Hydraulic Pressure bar min/max | Weight Kg |
|-------|------------------------------|---------------------------|------------------------------|-------------------------|-----------------------|-----------------------------|--------------------------|---|--------------|
| S950 | 76 | 1400-1600 | 36866/3700 | 74-76 | 986 | 2320-2450 | 1320-1450 | 350/500 | 540-520 |

WORKING OF S-950

- Insert the wedge set into a pre-drilled hole with a diameter of 76 mm and a depth of 1400-1600 mm.
- The S950 cylinder pushes the center wedge between two counter-wedges.
- The S950 applies a 3700-ton splitting force on the sidewall of the hole in the rock.
- The splitting force results in rock splitting without vibration or noise.
- The splitting time for a single hole is 180 seconds.
- The open-face-to-hole distance should be 500mm.
- The hole-to-hole distance should be 500mm, depending on the strata.
- The splitter can be mounted on a backhoe loader.



USE:

The S950 Hydraulic Rock Splitter can be used for open trenching, building construction, tunnel excavations, foundation blocks, open pits, shafts, micro tunneling, and mining especially in areas with limited open space.

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