

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.