

Revolutionizing excavation with precision- engineered backhoe loader
-mounted S750 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
S750	76	1200-1400	28895/2900	74-76	786	2100-2200	1320-1450	350/500	400-470

WORKING OF S-750

- Insert the wedge set into a pre-drilled hole with a diameter of 76 mm and a depth of 1200-1400 mm.
- The S750 cylinder pushes the center wedge between two counter-wedges.
- The S750 applies a 2900 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 S750 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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