



Made In Japan

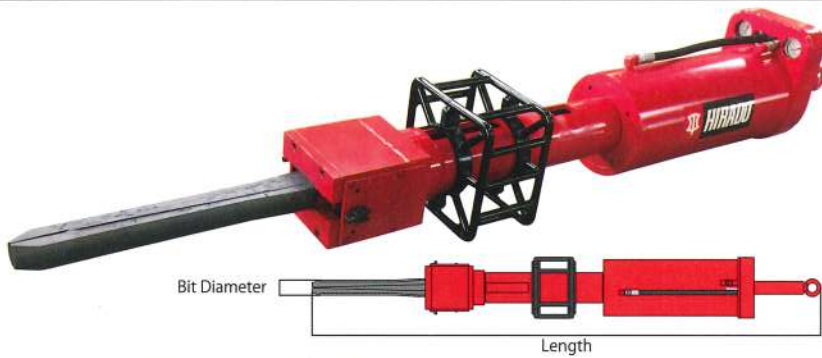
Powerful Rock Splitter



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Powerful Rock Splitter Series



The Powerful Rock Splitter is a larger, more powerful version of Hirado's renowned Rock Splitter for breaking large volumes of hard rock and concrete foundations in quarries, open pit construction sites and mining.

Restrictions for blasting are getting stricter worldwide, prompting users to find a safer solution. Although rock breakers can be a solution, noise, vibration and dust regulations may prevent the use of them for a long period of them. Or the use of rock breakers may simply not be viable due to the hardness of the rocks.

Hirado's Powerful Rock Splitter is the solution to all of these problems as it is efficient, fast, safe, vibration free, dust free and extremely powerful.

The wedges of the Powerful Rock Splitter are specially designed to endure extreme power and last long. Operation of the Powerful Rock Splitter is simple and it can be attached to a majority of excavators (depending on the model, 25 or 35Mpa Hydraulic pressure is required).

Features

Extreme Splitting Power

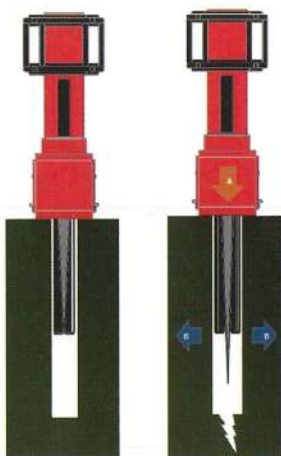
Low Noise Emission

Dust Free

Safe

Powerful Rock Splitter Series Model Selection Chart

Models	Wedge			Length	Weight	Drilling Bit Diameter	Drilling Depth	Splitting Power	Hydraulic Pressure
	Diameter	Effective Length	Splitting Distance						
N50W72A600	72mm	600mm	25mm	3105mm	700kg	76mm	1,300mm	26MN/2,651ton	25MPa/250bar
N50W85A700	85mm	700mm	25mm	3205mm	700kg	89mm	1,300mm	26MN/2,651ton	25MPa/250bar
N50W95A700	95mm	700mm	25mm	3205mm	700kg	102mm	1,300mm	26MN/2,651ton	25MPa/250bar
N50W72A1000	72mm	1000mm	25mm	3505mm	750kg	79mm	1,600mm	26MN/2,651ton	25MPa/250bar
N50W95A1000	95mm	1000mm	25mm	3505mm	770kg	102mm	1,600mm	26MN/2,651ton	25MPa/250bar
R50W135A1000	135mm	1000mm	25mm	3675mm	1400kg	140mm	1,600mm	36MN/2,651ton	35MPa/350bar



wedge Principle

The wedge principle has been proven throughout time and is used in various ways. By adding power to the A direction, the power transferred to the B direction(s) becomes even larger. The eventual direction power and splitting distance of B are decided by the wedge angle. Hirado's Rock Splitter and Powerful Rock Splitter make full use of this principle by using hydraulic pressure to push into the A direction and generate splitting powers ranging from 3.3mn/300ton to over 36mn/3600ton



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