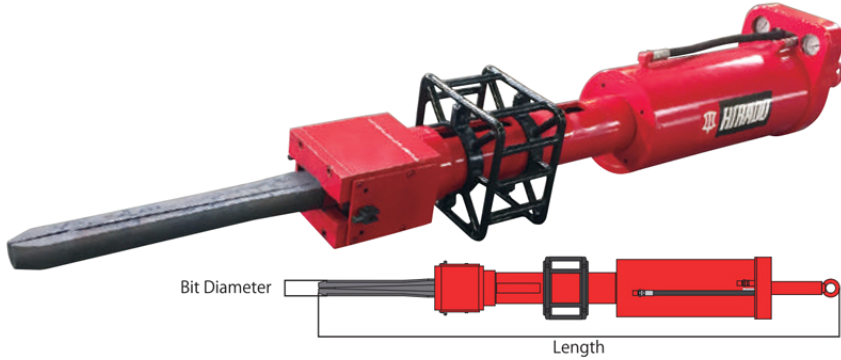


Powerful Rock Splitter Series



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

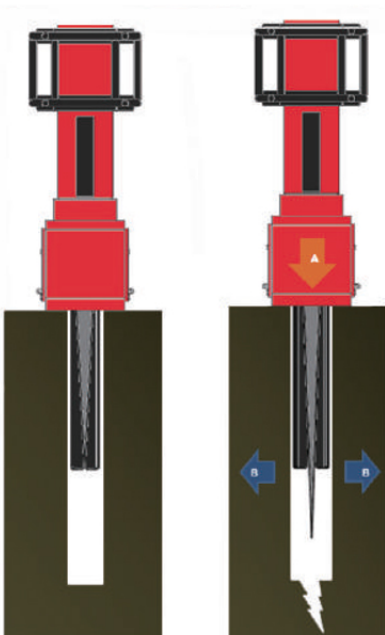
Low Noise Emission

Dust Free

Safe

Powerful Rock Splitter Series Model Selection Chart

Models	Wedges			Full Length (mm)	Weight (kg)	Bit Diameter (mm)	Drilling Depth (mm)	Breaking Power (mn / ton)	Required Hydraulic Pressure (MPa)
	Diameter A (mm)	Effective Length(mm)	Splitting Distance(mm)						
N50W95A700	95	700	25	3205	700	102	1,300	26 / 2,651	25
N50W95A1100	95	1,100	25	3605	720	102	1,700	26 / 2,651	25
R50W120A900	120	900	25	3610	1300	127	1,500	36 / 3,670	35
R50W135A1000	135	1,000	25	3675	1400	140	1,600	36 / 3,670	35



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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Equipment used in over 30 countries



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