



Groundwork

HYDRAULIC ROCK SPLITTER





DEMOLISHES ROCK AND CONCRETE ECONOMICALLY AND REDUCES IMPACT ON THE ENVIRONMENT:

Hydraulic rock and concrete splitters provide a powerful and extremely cost effective alternative to other conventional demolition techniques.

Hydraulic splitting means controlled splitting, and this method eliminates shock waves, vibrations, dust and noise that large impact tools usually produce.

SPLITS QUIET AND SAFE:

Hydraulic splitting means controlled demolition. Holes are drilled into the rock of a specific diameter then the Groundwork Rock Splitter is positioned in the hole. The rock splitter pushes up in one direction, quickly & efficiently splitting the rock. The entire force developed is always under full control.

The Groundwork Rock Splitter with its fool-proof operation, simple structure and low maintenance cost is superior among all other demolition equipment.

Suitable for most rock and concrete demolition

- Building Foundation
- City Rock Demolition
- Concrete Demolition
- Quarry
- Tunnelling
- Underwater Rock Demolition
- Core Drill Demolition

SPECIFICATIONS

Item	Unit	PRS-80	PRS-85	PRS-95	PRS-95C	PRS-125	PRS-150	PRS-200A	PRS-200B
Material		Rock Concrete	Rock Concrete	Hard Concrete	Rock Concrete	Rock Concrete	Rock Concrete	Rock Concrete	Rock Concrete
Cylinder Weight	kg	27	33	37	33	20	28	45	48
Cylinder Length	mm	665	670	635	590	315	345	275	210
Cylinder Diameter	mm	80	85	95	95	97	118	165	200
Piston Diameter	mm	45	50	60	55	60	65	115	145
Piston Max Stroke	mm	29	29	27	27	30	45	45	45
Piston Qty of Cylinder	each	11	10	8	8	4	4	2	1
Force of Cylinder	ton	193	216	249	209	125	146	229	125
Cylinder Qty Per Rock Splitter	each	4	4	4	4	3	3	2	2
Working Oil Pressure	kg/cm ²	1100	1100	1100	1100	1100	1100	1100	1100
Rock Splitter Force	ton	772	864	996	836	375	438	458	250
Core Drilling Diameter	mm	85	90	105	105	130	150	203	203

Power Supply - 3 Phase/415V (Custom power supply by request)