

ROCK SPLITTERS

C20

Carrier-operated splitting –
safe and highly productive

The Hydraulic Rock Splitters convince with their high productivity and safety in operation. With a high splitting force that is independent of the input pressure and a slim yet rugged design, they are designed for a wide range of rock demolition applications. The Rock Splitters are also ideal for use in confined conditions, such as tunnel, trench or foundation work.

Depending on type and composition of the rock, there are two possible lengths of wedge set to choose from. For horizontal and vertical use with diverse and special splitting requirements. And best of all: Due to the automatic lubrication system, no manual greasing of the wedge set is necessary.

For carriers from 5 - 7 tons.

With optional 360° rotary drive

Integrated pressure booster



**Up to 1800 t
splitting force**

Three different
mounting options

Integrated automatic
wedge lubrication system

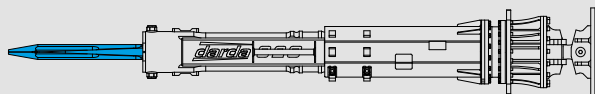
Wedge set in two sizes



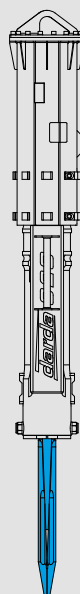
Facts

- Easy replacement of wear parts
- Rotatable and very maneuverable
- Automatic wedge lubrication
- Multiple mounting options
- Lowest power-to-weight ratio on the market

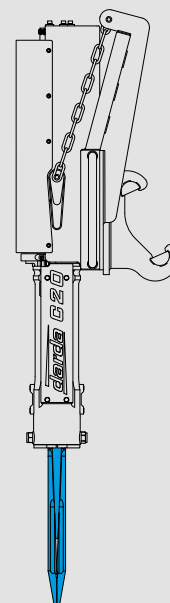
C20 J



C20 C



C20 V



Specifications | Rock Splitters C20

Dimensions and weight	Vertical				Horizontal	
	C20 C		C20 V		C20 J	
Length ¹ x Width x Height	1720 x 305 x 394 mm 68 x 12 x 16 in		1833 x 721 x 557 mm 72 x 28 x 22 in		2153 x 450 x 420 mm 85 x 18 x 17 in	
Weight with N-wedge set ²	300 kg	660 lb	405 kg	890 lb	390 kg	860 lb
Carriers						
Recommended carrier weight ³	5 - 7 t				11000 - 16000 lb	
Recommended Brokk machines	Brokk 300 / 500 / 520D					
Hydraulic connection						
Connection pressure, min.	17.5 MPa (175 bar)				2538 psi	
Connection pressure, max.	25 MPa (250 bar)				3626 psi	
Oil flow, min. - max.	25 - 100 l/min				27 gal/min	
Operating pressure	50 MPa (500 bar)				7250 psi	
Wedge set						
Wedge set length N / L	640 / 840 mm				25 / 33 in	
Drillhole diameter	76 mm				3 in	
Drillhole depth N / L, min.	750 / 950 mm				29 / 37 in	
Splitting distance N / L	22 / 25 mm				7/8 / 1 in	
Theoretical splitting force N / L	1500 / 1800 t				3300 lbf / 4000 lbf	
Consumables						
Darda Special Lubricant						

¹ Without wedge set ² Without mounting plate ³ Depending on carrier lifting capacity