

Steel Shears CC420 S / CC700 S

Maximum power for the best cut

High-quality materials and the special pressure booster system designed and developed by Darda enable the Darda Steel Shears to achieve high cutting power with minimum weight. Thanks to its large jaw opening, even large sheet metal profiles can be cut easily and safely where other shears fail.

For carriers from 3 - 15 tons.

360° Rotary Drive

For precise positioning
of the Shear

Hydraulic
rotary drive

Integrated
pressure booster

Exchangeable
cutting heads

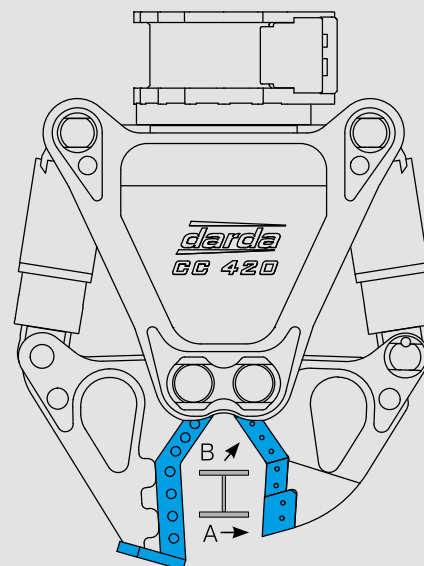
Pivot bearing for
360° rotation



CC700 S: convertible
to Concrete Crusher

Facts

- Extremely powerful even on small carriers
- Ideal for indoor use
- Exchangeable cutting heads
- Cutting power independent of carrier
- Large jaw opening for easy positioning
- Ideal for cutting large steel pipes
- 360° rotary drive for precise positioning of the shear



Specifications | Steel Shear CC420 S

Dimensions and weights		
Length x Width x Height	1058 x 794 x 340 mm	42 x 31 x 13 in
Jaw opening	145 mm	6 in
Cutting depth, approx.	279 mm	11 in
Weight ¹	275 kg	610 lb
Carriers		
Recommended carrier weight, max. ²	3 - 6 t	6610 - 33060 lb
Recommended Brokk machines	Brokk 200 / 300	
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	7 - 25 gal/min
Rotary drive connection pressure, max.	20 MPa (200 bar)	2901 psi
Rotary drive oil flow, max.	50 l/min	13 gal/min
Operating pressure	50 MPa (500 bar)	7252 psi
Power output		
Cutting force A, max.	401 kN (41 t)	90000 lbf
Cutting force B, max.	740 kN (75 t)	166000 lbf
Cutting capacity (selection of profiles)		
I	DIN 1025 - S235 - IPE 120	
U	DIN 1026 - S235 - U 140	
H	DIN 1025 - S235 - HEA 120	
L	EN 10056 - S235 - 150 x 100 x 10 mm 5.9 x 3.9 x 0.4 in	
□	EN 10219 - S235JRH - 139,4 x 8 mm 5.5 x 0.3 in	
Ordering information		
Article no. ¹	9033 0420 85	

¹ Without mounting plate

² Depending on carrier lifting capacity

Mounting plates for various carriers on request.



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Typical applications and possibilities of use

Whether as an attachment on an excavator, truck crane or Brokk demolition robot: This strong and rugged Steel Shears can master many different tasks – even the exceptional ones! Anything is possible: like the scrapping of plane wrecks at an air base as seen here.



Risk of explosion in an underground cavern storage facility – how can the aboveground pipe system be safely and quickly dismantled? The Darda CC700 S Steel Shear makes this type of work possible.

Concrete Crushers are frequently used in all types of demolition work and often need to be supported by cutting tools that can be flexibly equipped or exchanged. The CC700 S Steel Shear can be converted to a Concrete Crusher and vice versa.

