

# Steel Shear 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 Shear 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 carries from 7 - 15 tons.

## 360° Rotary Drive

For precise positioning  
of the Shear

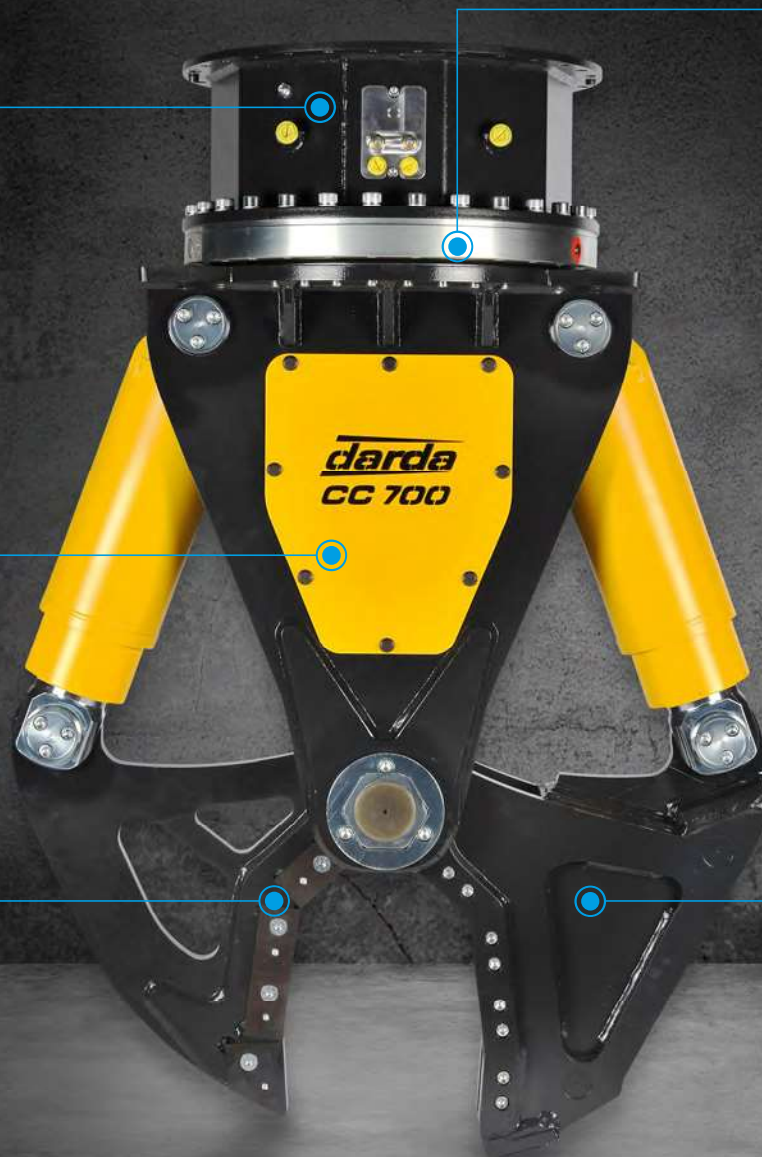
Hydraulic  
rotary drive

Integrated  
pressure booster

Exchangeable  
cutting heads

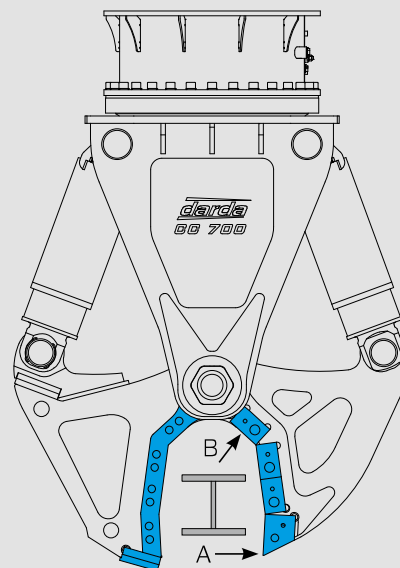
Pivot bearing for  
360° rotation

Can be converted 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 CC700 S

Dimensions and weights		
Length <sup>1,2</sup> x Width <sup>1</sup> x Height	1475 x 1037 x 300 mm	58 x 41 x 12 in
Jaw opening	268 mm	11 in
Cutting depth, approx.	359 mm	14 in
Total weight incl. hydraulic rotary drive and support plate	695 kg	1532 lb
Total weight incl. hydraulic rotary drive without support plate	625 kg	1378 lb
Carriers		
Recommended carrier weight, max. <sup>3</sup>	7 - 15 t	15428 - 33060 lb
Recommended Brokk machines	Brokk 500 / 520D / 800	
Hydraulic connection		
Connection pressure, min.	17.5 MPa (175 bar)	2538 psi
Connection pressure, max.	25 MPa (250 bar)	3916 psi
Operating pressure	50 MPa (500 bar)	7252 psi
Oil flow, max.	100 l/min	27 gal/min
Power output		
Cutting force A, max. <sup>4</sup>	647 kN (66 t)	145000 lbf
Cutting force B, max. <sup>5</sup>	1840 kN (188 t)	410000 lbf
Cutting capacity (selection of max. profile cross-sections)		
I-profile DIN 1025 - S235 - IPE 200		
I-profile DIN 1026 - S235 - U 200		
H-profile DIN 1025 - S235 - HEA 180		
L-profile EN 10056 - S235 - 160 x 80 x 12 mm   6 1/4 x 3 1/4 x 1/2 in		
Pipe EN10216 - X5CrNi18-10 - 168 x 7 mm (stainless steel)   6 1/2 x 1/4 in		
Hollow profile DIN EN 10219 - S235JR - 140 x 80 x 8 mm   5 1/2 x 3 1/4 x 5/16 in		
Ordering information		
Article no. <sup>2</sup>	9033 0700 82	

<sup>1</sup> With full jaw opening

<sup>2</sup> Without attachment, incl. hydraulic rotary drive

<sup>3</sup> Depending on the load-bearing capacity table of the carrier manufacturer

<sup>4</sup> At the tips with the jaw open

<sup>5</sup> At the rebar blades

**Support plates for various carrier devices on request.**

# Steel Shear CC700 S

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Typical applications and possibilities of use

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



Whether as an attachment on an excavator, truck crane or Brokk demolition robot: This strong and rugged Steel Shear 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.

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.



