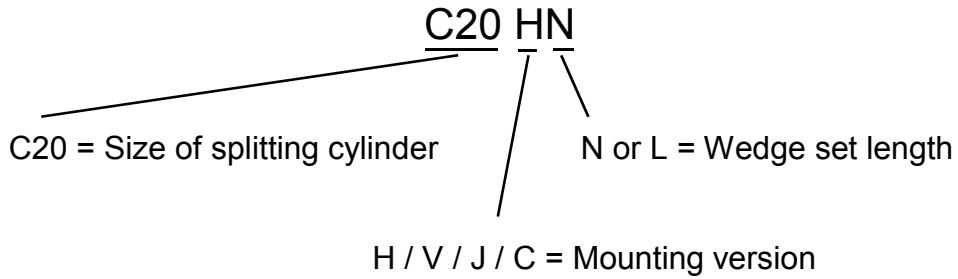


Splitting cylinder C20



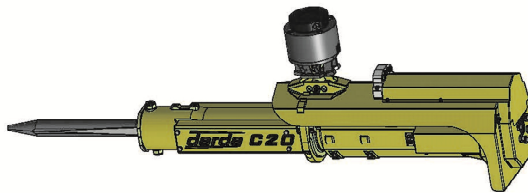
Product abbreviation



Purpose of application

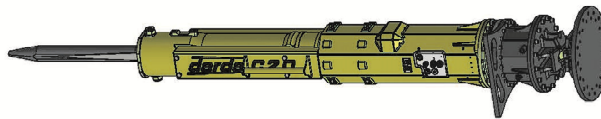
Horizontal splitting
(+/- 45° to the horizontal)

C20 H (horizontal)



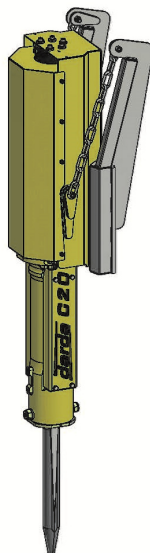
Horizontal and vertical
splitting

C20 J (joint)



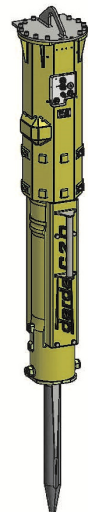
Vertical splitting
(+/- 20° to the vertical)

C20 V (vertical)



Vertical splitting
(+/- 20° to the vertical)

C20 C (chain)



Recommended carrier weight: B260, B400, 5 – 7 t excavator

Splitting cylinder C20 in general

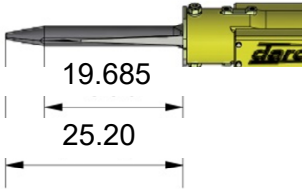
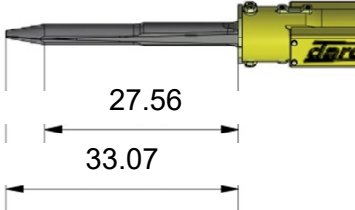


All versions with automatic sliding surface lubrication.

- Sliding surface is lubricated while retracting the wedge.
- Up to 180 splits possible.
- With a nearly empty lubricant container the wedge extends slower.
- An empty lubricant container prevents extending the wedge.
- The wedge can always retract also with an empty lubricant container.
- The lubricant container in the cylinder can only be filled from a 18 kg container.

Splitting direction

- C20 H / C20 J / C20 V adjust the splitting direction with a hydraulic function.
- Advantage: The splitting force can work to an open area.

Wedge set		
Type	N (normal)	L (long)
Wedge set length (in.)		
Order no. counter wedge	3390 2400 00	3390 2402 00
Order no. wedge	3390 2401 00	3390 2403 00
Required drill hole diameter	Ø3 in	Ø3 in
Required drill hole depth	29.5 in	37.5 in
Splitting distance	.87 in	1.0 in (two steps) First step Insert the half length of the wedge set into the hole, split and retract the wedge. Second step Insert the complete wedge set, split and retract the wedge.
Splitting force (theoretical)	1,500 tons	1,800 tons
		Order no.
Darda special lubricant 18 kg (40 pound)		3391 0980 20

Splitting cylinder C20 H

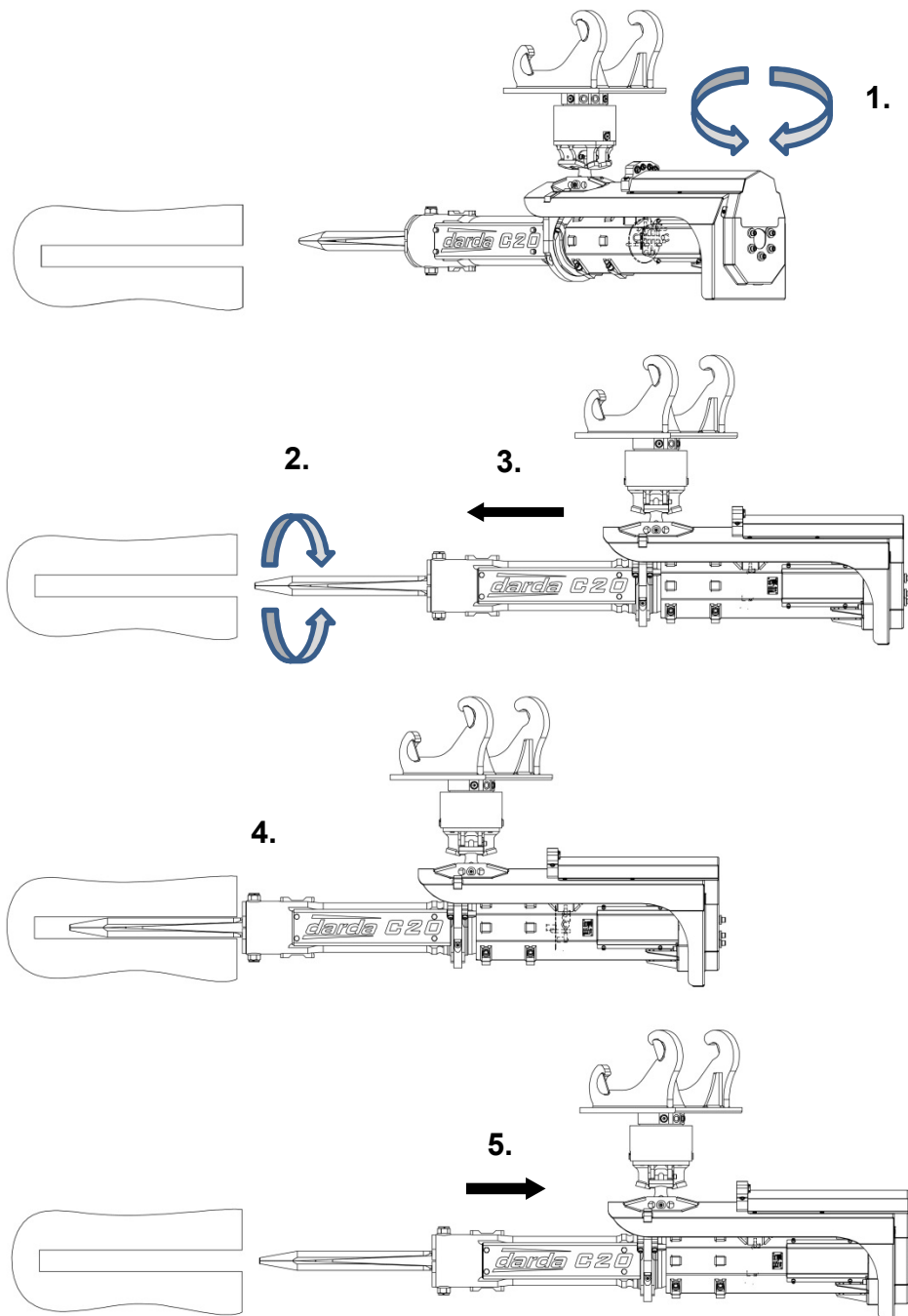


		Order no.
<p>C20 HN approx. 870 pounds</p>		8381 0421 82
<p>C20 HL approx. 900 pounds</p>		8381 0421 85

Hydraulic connection max.		
Splitting	2,600 to 3,900 psi	21-27 gpm
Splitting direction	2,600 to 3,900 psi	8 gpm
Rotation	2,600 to 3,900 psi	8 gpm

Mounting kit (with 3 hydraulic circuits)	Order no.
B260 – C20 H	3390 2218 80
B400 – C20 H	3390 2219 80

Splitting cylinder C20 H



1. Rotat the cylinder the hole.
2. Adjust splitting direction.
3. Insert wedge set into the hole.
4. Split and retract the wedge.
5. Retract the wedge set out of the hole (pulled out in alignment of the cylinder).

Splitting cylinder C20 J

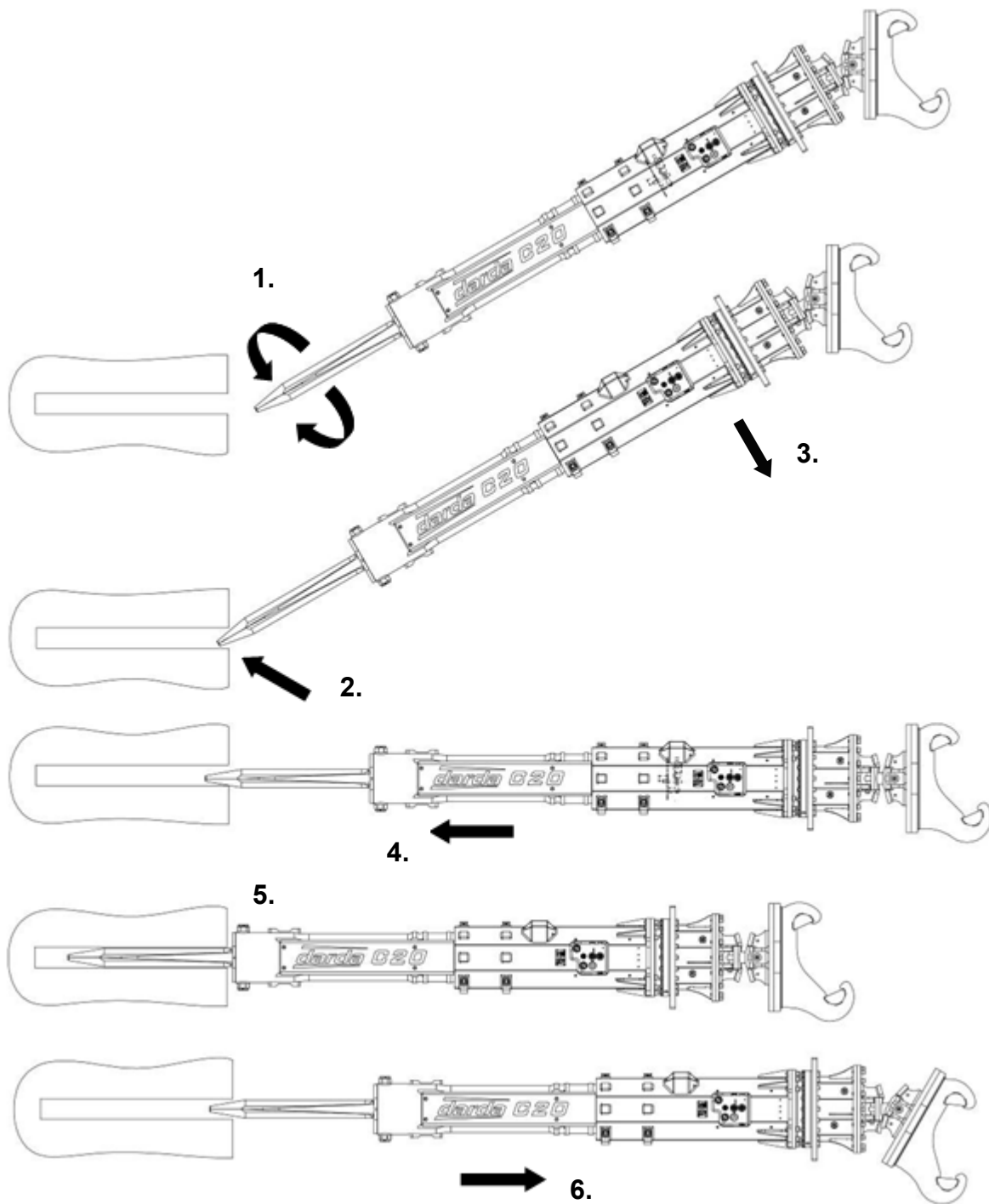


		Order no.
C20 JN approx. 830 pounds		8381 0423 82
C20 JL approx. 870 pounds		8381 0423 85

Hydraulic connection max.		
Splitting	2,600 to 3,900 psi	21 to 27 gpm
Splitting direction	2,600 to 3,900 psi	8 gpm

Mounting kit (with 2 hydraulic circuits)	Order no.
B260 – C20 J	3390 2508 80
B400 – C20 J	3390 2509 80

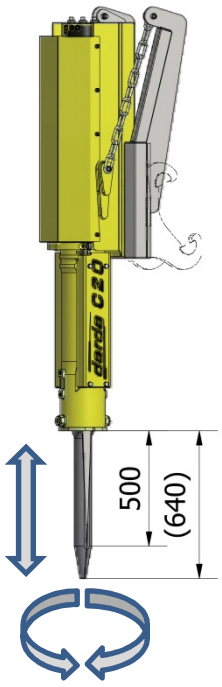
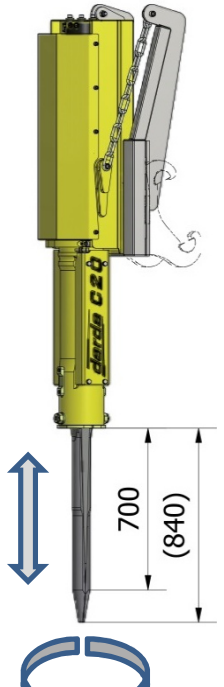
Splitting cylinder C20 J



1. Adjust splitting direction.
2. Insert wedge set head into the hole.
3. Align cylinder to the hole.
4. Insert wedge set into the hole.
5. Split and retract the wedge.
6. Retract the wedge set out of the hole (pulled out in alignment of the cylinder).

Splitting cylinder C20 V

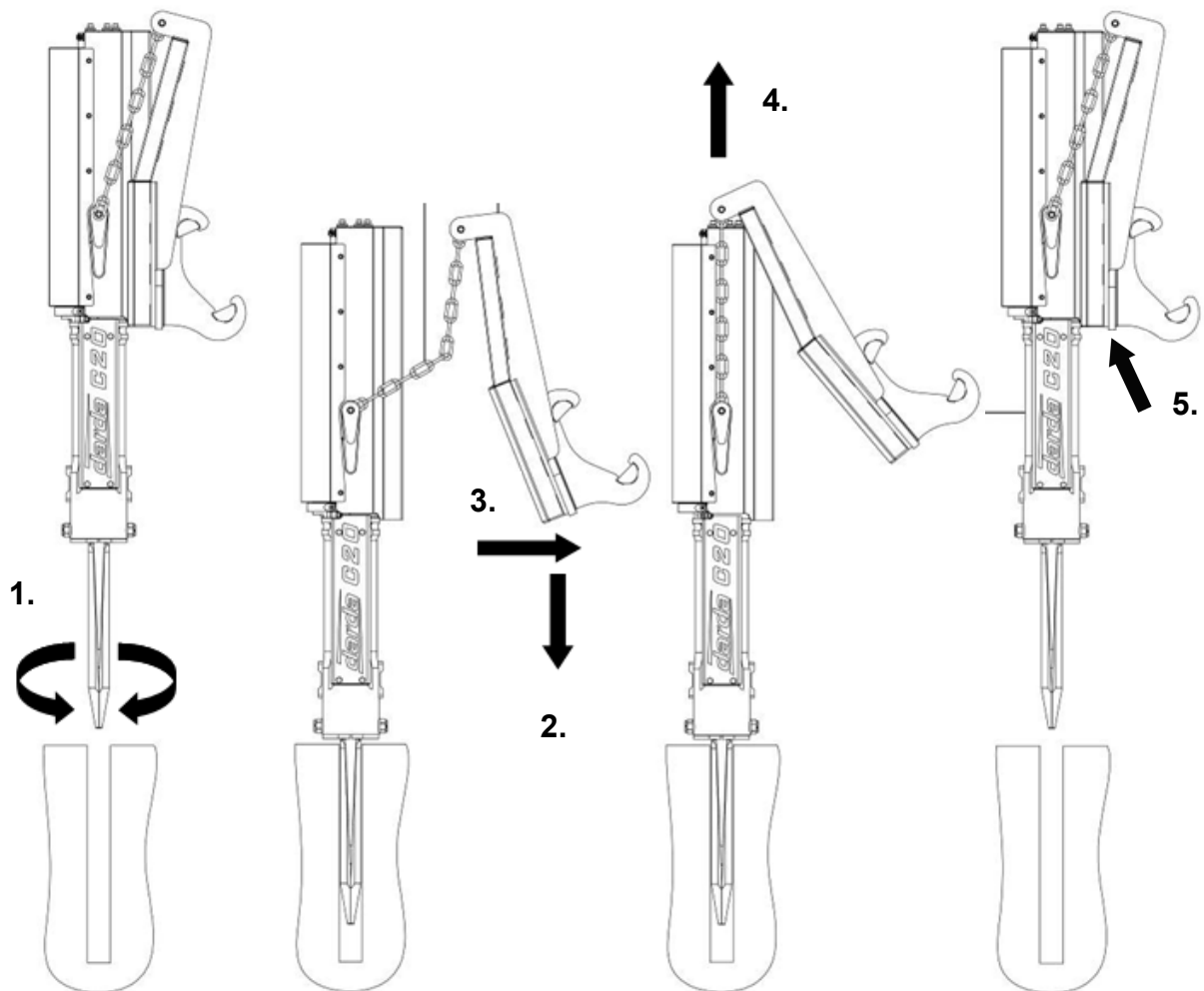


<p align="center">C20 VN approx. 860 pounds</p>	<p align="center">C20 VL approx. 900 pounds</p>
	
<p align="center">Order no. 8381 0422 82</p>	<p align="center">Order no. 8381 0422 85</p>

Hydraulic connection max.		
Splitting	2,600 to 3,900 psi	21 to 27 gpm
Splitting direction	2,600 to 3,900 psi	8 gpm

Mounting kit (with 2 hydraulic circuits)	Order no.
B260 – C20 V	3390 2305 80
B400 – C20 V	3390 2306 80


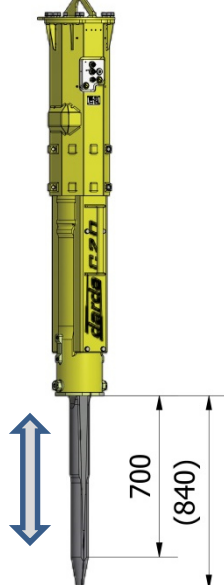
Splitting cylinder C20 V



1. Adjust splitting direction.
2. Insert wedge set into the hole. (Cylinder drops down through his own weight).
3. Retract the arm (cylinder stands free), split and retract the wedge.
4. Retract the wedge set out of the hole (pulled out in alignment of the cylinder).
5. Bring cylinder in basic position.

Splitting cylinder C20 C



<p align="center">C20 CN</p> <p align="center">approx. 630 pounds</p>	<p align="center">C20 CL</p> <p align="center">approx. 675 pounds</p>
	
<p align="center">Order no. 8381 0420 80</p>	<p align="center">Order no. 8381 0420 81</p>

Hydraulic connection max.		
Splitting	2,600 to 3,900 psi	21 to 27 gpm

1. Mount the cylinder with a chain on an excavator.
2. Adjust splitting direction by hand.
3. Insert wedge set into the hole.
4. Split and retract the wedge.
5. Retract the wedge set out of the hole (pulled out in alignment of the cylinder).