

## Concrete Crusher 14-45t / 30,800-99,000lbs

DCC

The DCC 2-cylinder concrete crushers have been especially developed for demolishing the thickest reinforced concrete, such as viaducts, quaysides and heavy foundations. The DCC concrete crusher works perfectly in combination with the latest model excavators as well as specialized „High Reach Demolition Machines“.

- ▷ **25% more power and extremely fast cycle times** because of Dema Power 2.0 System.
- ▷ Double rotator motors or single piston motor ensure a **high rotation force**.
- ▷ **Filters in rotator** protect rotation circuit. High penetrating force for cutting.
- ▷ **Robust slewing ring** ensures it will survive even the heaviest demolition work.
- ▷ **Highly durable jaws. Optimum cylinder protection.**
- ▷ **Hydraulic system completely protected** by the yoke.
- ▷ Patented safety system to prevent overpressurisation of hydraulic cylinder rod side.
- ▷ **3 versions: A, C and D** (see drawing below).



Request? exc@kinshofer.com

## Concrete Crushers DCC

Type	Operating weight* (t/lbs)	Weight** (approx.) (kg/lbs)	Jaw opening (mm/in)	Length (mm/in)	Closing force at point 1 (approx.) (t/lbs)
DCC-20-A	14 - 20 / 30,800 - 44,000	1,500 / 3,300	-	-	85 / 187,000
DCC-20-C	14 - 20 / 30,800 - 44,000	1,500 / 3,300	-	-	85 / 187,000
DCC-20-D	14 - 20 / 30,800 - 44,000	1,500 / 3,300	-	-	85 / 187,000
DCC-25-A	18 - 25 / 39,600 - 55,000	2,000 / 4,400	1,000 / 39.4	2,195 / 86.4	105 / 231,000
DCC-25-C	18 - 25 / 39,600 - 55,000	2,100 / 4,620	1,000 / 39.4	2,195 / 86.4	105 / 231,000
DCC-25-D	18 - 25 / 39,600 - 55,000	2,000 / 4,400	980 / 38.6	2,195 / 86.4	105 / 231,000
DCC-30-A	20 - 35 / 44,000 - 77,000	2,425 / 5,335	1,150 / 45.3	2,390 / 94.1	120 / 264,000
DCC-30-C	20 - 35 / 44,000 - 77,000	2,465 / 5,423	1,150 / 45.3	2,390 / 94.1	120 / 264,000
DCC-30-D	20 - 35 / 44,000 - 77,000	2,425 / 5,335	1,125 / 44.3	2,390 / 94.1	120 / 264,000
DCC-40-A	25 - 45 / 55,000 - 99,000	3,250 / 7,150	1,360 / 53.5	2,545 / 100.2	135 / 297,000
DCC-40-C	25 - 45 / 55,000 - 99,000	3,300 / 7,260	1,360 / 53.5	2,545 / 100.2	135 / 297,000
DCC-40-D	25 - 45 / 55,000 - 99,000	3,250 / 7,150	1,355 / 53.3	2,545 / 100.2	135 / 297,000

\*calculated \*\*without adapter

## Hydraulics

Typ	Open / close		Rotation		Back pressure max. (bar/psi)	Cycle times (sec)
	Pmax (bar/psi)	Flow (l/min/GPM)	Pmax (bar/psi)	Flow (l/min/GMP)		
DCC-20	-	-	-	-	-	-
DCC-25	<b>380 / 5,510</b>	150 - 250 / 40 - 66	<b>140 / 2,030</b>	40 - 60 / 10.5 - 16	-	2.3 / 3.0
DCC-30	<b>380 / 5,510</b>	200 - 300 / 53 - 79.5	<b>140 / 2,030</b>	40 - 60 / 10.5 - 16	-	2.5 / 3.4
DCC-40	<b>380 / 5,510</b>	250 - 350 / 66 - 92.5	<b>140 / 2,030</b>	40 - 60 / 10.5 - 16	-	3.3 / 3.6

## Technical drawing



**DCC-A**  
Standard



**DCC-C**  
with exchangeable tips, shrouds  
and long cutting blades



**DCC-D**  
with exchangeable wear parts  
and standard cutting blades

## Concrete Crushers 35-80t / 77,000-176,000lbs

DCC

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- ▷ **25% more power and extremely fast cycle times** because of DemaPower 2.0 System.
- ▷ Double rotator motors or single piston motor ensure a **high rotation force**.
- ▷ **Filters in rotator** protect the rotation circuit. High penetrating force for cutting.
- ▷ **Robust slewing ring** ensures it will survive even the heaviest demolition work.
- ▷ **Highly durable jaws. Optimum cylinder protection.**
- ▷ **Hydraulic system completely protected** by the yoke.
- ▷ Patented safety system to prevent overpressurisation of hydraulic cylinder rod side.
- ▷ **3 Versions: A, C and D** (see drawing below).



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## Concrete Crushers DCC

Type	Operating weight* (t/lbs)	Weight** (approx.) (kg/lbs)	Jaw opening (mm/in)	Length (mm/in)	Closing force at point 1 (approx.) (t/lbs)
DCC-50-A	35 - 55 / 77,000 - 121,000	4,200 / 9,240	1,500 / 59.1	2,845 / 112.0	155 / 341,000
DCC-50-C	35 - 55 / 77,000 - 121,000	4,320 / 9,504	1,500 / 59.1	2,845 / 112.0	155 / 341,000
DCC-50-D	35 - 55 / 77,000 - 121,000	4,200 / 9,240	1,490 / 58.7	2,845 / 112.0	155 / 341,000
DCC-65-A	50 - 70 / 110,000 - 154,000	5,300 / 11,660	1,600 / 63.0	2,995 / 117.9	180 / 396,000
DCC-65-C	50 - 70 / 110,000 - 154,000	5,440 / 11,968	1,600 / 63.0	2,995 / 117.9	180 / 396,000
DCC-65-D	50 - 70 / 110,000 - 154,000	5,300 / 11,660	1,565 / 61.6	2,995 / 117.9	180 / 396,000
DCC-75-A	60 - 80 / 132,000 - 176,000	6,300 / 13,860	1,750 / 68.9	3,225 / 127.0	200 / 440,000
DCC-75-C	60 - 80 / 132,000 - 176,000	6,300 / 13,860	1,700 / 66.9	3,225 / 127.0	200 / 440,000
DCC-75-D	60 - 80 / 132,000 - 176,000	6,300 / 13,860	1,710 / 67.3	3,225 / 127.0	200 / 440,000

\* calculated weight \*\*without adapter

## Hydraulics

Type	Open / close		Rotation		Back pressure max. (bar/psi)	Cycle times (sec)
	Pmax (bar/psi)	Flow (l/min/GPM)	Pmax (bar/psi)	Flow (l/min/GPM)		
DCC-50	<b>380 / 5,510</b>	300 - 500 / 79.5 - 132.0	<b>140 / 2,030</b>	40 - 60 / 10.5 - 16.0	-	3.2 / 3.4
DCC-65	<b>380 / 5,510</b>	400 - 600 / 105 - 158.5	<b>140 / 2,030</b>	40 - 60 / 10.5 - 16.0	-	2.8 / 3.9
DCC-75	<b>380 / 5,510</b>	500 - 700 / 132.0 - 185.0	<b>200 / 2,900</b>	60 / 16.0	<b>10 / 144</b> (drain line required)	2.8 / 3.8

\*\*\*drain line required

## Technical drawing



**DCC-A**  
Standard



**DCC-C**  
with exchangeable tips, shrouds  
and long cutting blades



**DCC-D**  
with exchangeable wear parts  
and standard cutting blades