

FROM PASSION TO PERFORMANCE



Demolition and Recycling Equipment B.V.

De Hork 32
5431 NS Cuijk
The Netherlands
☎ +31 (0)485 442300
info@demarec.com

Dealer:

Trendsetter in Demolition and Recycling Equipment

demarec.com

10-2017 ©



DEMAREC 2-CYLINDER CONCRETE CRUSHER

DCC-20, DCC-25, DCC-30, DCC-40,
DCC-50, DCC-65, DCC-75

**BREAKING
NEWS!**



THE NEW DCC; COMBINATION OF TECHNOLOGY AND MARKET KNOWLEDGE

The DEMAREC 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'.

The shears have two pivot points, which ensures that the jaws have more torque to generate the maximum closing force. In combination with the newly developed DemaPower 2.0 cylinder and perfectly tailored jaw geometry, the DCC concrete shears produce 25% more force on average than similar shears. The DemaPower 2.0 system also ensures faster cycle times.



The hydraulic system is completely built into the frame and the cylinders are protected by very robust cylinder guards, so the hydraulics cannot be damaged during the work. A perfect jaw design ensures an optimal force closing curve so that the DCC always has enough strength until the jaw is completely closed. The DCC also has an extra-wide and deep jaw mouth.

In the end... It's only about the right tool

CRUSHING
INNOVATION!

Key features and benefits

- 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
- Optimal force closing curve
- 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
- Produce 25% more force on average than similar shears
- Patented safety system to prevent overpressurisation of hydraulic cylinder - rod side



Technical specifications

Type	DCC-20	DCC-25	DCC-30	DCC-40	DCC-50	DCC-65	DCC-75
Carrier weight*	ton 14 - 20	18 - 25	20 - 35	25 - 45	35 - 55	50 - 70	60 - 80
Weight (approx.)**	kg 1500	1900	2400	3250	4250	5250	6250
Closing force (approx.)	ton 85	100	120	130	150	175	200
Jaw opening	mm 900	1000	1150	1350	1500	1600	1750
Jaw depth	mm -	835	915	995	1110	1200	1300
Width upper jaw	mm -	60	70	80	90	100	100
Height	mm -	2200	2400	2550	2850	2990	3220
Length of cutting blades	mm -	200	250	300	300	300	400
Opening/Closing Pmax	bar -	380	380	380	380	380	380
Flow	l/min -	200 - 300	200 - 300	250 - 350	300 - 500	400 - 600	500 - 700
Rotation Pmax	bar -	140	140	140	140	140	200
Flow	l/min -	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	60
Back pressure max.	bar -	-	-	-	-	-	10***
Cycle time Opening/Closing	sec -	1,8 / 2,4	2,5 / 3,4	3,3 / 3,6	3,2 / 3,4	2,8 / 3,9	2,8 / 3,8

*Depending on lifting capacity of carrier **Weight excluding bracket ***Drain line required

Subject to change without notice.