

Concrete Crushers

DRC

KINSHOFER concrete crushers of the DRC-series for excavators up to 15t / 33000 lbs operating weight are extremely productive and strong.

Able to crush concrete and cut through steel reinforcements, the DRC crushers can be used for both, primary and secondary demolition.

- Most appropriate for interior demolition jobs.
- Crushes concrete of 600 mm / 23.6 in thickness.
- Cuts steel reinforcements of 28 mm / 1.1 in diameter.
- Stable steel flanks.
- Optional: additional breaking teeth for thinner walls.
- Replaceable breaker tips and reinforcement cutting blades made of high tensile steel HB 500.
- Crushing force independent of excavator's hydraulic pressure by means of hydraulic booster.
- Pivot bearing for 360° endless rotation.
- DRC420 and DRC700 optionally available with 360°-rotation and also as steel cutting version.



DRC520

Concrete Crushers DRC260D / DRC340 / DRC420 / DRC520 / DRC700

Type	Operating weight excavator (t/lbs)	Weight w/o / with adapter plate (kg/lbs)	Breaking force (of breaking tips at opened crusher) (kN/lbf)	Cutting force (of reinforcement cutters) (kN/lbf)	Cutting capacity 0 max. (mm/in)	Breaking capacity concrete max. (mm/in)
DRC260D	1,2 / 2640	74 / 82 / 163 - 180	220 / 48400	420 / 92400	16 / 0.63	260 / 10.2
DRC340	1,5 - 2,7 / 3300 - 5940	150 / 160 / 330 / 352	360 / 79200	950 / 209000	28 / 1.1	340 / 13.4
DRC420*	2,5 - 4,8 / 5500 - 10560	240 / 265 / 528 / 583	382 / 84040	1215 / 267300	28 / 1.1	400 / 15.7
DRC520	4,2 - 9 / 9240 - 19800	350 / 407 / 770 / 895	466 / 102520	1659 / 364980	28 / 1.1	540 / 21.3
DRC700*	7 - 15 / 15400 - 33000	535 / 610 / 1177 / 1342	680 / 149600	2174 / 478280	28 / 1.1	600 / 23.6

* Optionally available with rotation and/or as steel cutting versions: DRC420S and DRC700S

Dimensions

Type	Height (w/o adapter plate) (mm/in)	Height (w/o adapter plate, with rotation) (mm/in)	Width (open) (mm/in)	Depth (mm/in)	Jaw opening (mm/in)
DRC260D	700 / 27.6	---	550 / 21.7	200 / 7.9	250 / 9.8
DRC340	877 / 34.6	---	715 / 28.1	334 / 13.1	343 / 13.5
DRC420	874 / 34.4	1049 / 45.2	843 / 33.2	330 / 13.0	420 / 16.5
DRC520	959 / 37.8	---	924 / 36.4	400 / 15.8	540 / 21.3
DRC700	1126 / 44.3	1445 / 56.9	1140 / 44.9	300 / 11.8	650 / 25.6

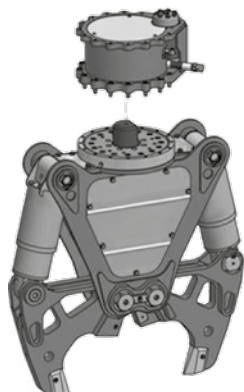
Hydraulics

Type	Release pressure min. - max. (MPa/psi)	Open/Close Operating pressure (MPa/psi)	Flow rate max. (l/min / GPM)	Cycle times (at max. l/min / GPM) open (approx. sec)	close (approx. sec)
DRC260D	15,5 - 27 (155 - 270 bar) / 2232 - 3888	50 (500 bar) / 7200	30 / 7.9	2.5	3
DRC340	16,5 - 27 (165 - 270 bar) / 2376 - 3888	47 (470 bar) / 6768	100 / 26.4	2	2.5
DRC420	17,5 - 27 (175 - 270 bar) / 2520 - 3888	50 (500 bar) / 7200	100 / 26.4	1.8	2.3
DRC520	17,5 - 27 (175 - 270 bar) / 2520 - 3888	50 (500 bar) / 7200	100 / 26.4	2.1	2.5
DRC700	17,5 - 27 (175 - 270 bar) / 2520 - 3888	50 (500 bar) / 7200	150 / 39.6	2.5	3

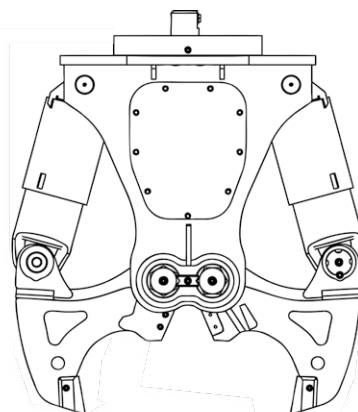
Accessories

Type	Description
CR420	rotation 360° for DRC420
CR700	rotation 360° for DRC700
CP420	additional breaking teeth for DRC420 (2 pieces)
CP520	additional breaking teeth for DRC520 (2 pieces)
CP700	additional breaking teeth for DRC700(2 pieces)

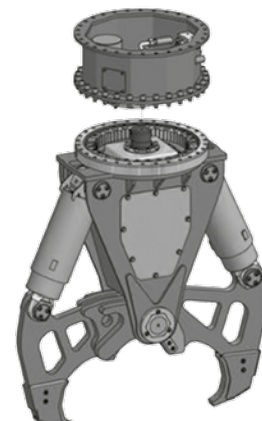
Technical Drawings



DRC420 with optional rotation



DRC520



DRC700 with optional rotation