

FROM PASSION TO PERFORMANCE



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DEDICATED DEMOLITION LINE DL-SERIES & DR-SERIES



IN THE END... IT'S ONLY ABOUT THE RIGHT TOOL

DEDICATED DEMOLITION LINE - DL-SERIES

The Dedicated Demolition Line consists of the DL-series and the DR-series. Both series are available as combi or demolition shear and as pulveriser. The DL-series (DLC/DLD/DLP) is equipped with the standard cylinder technics with speed valve.

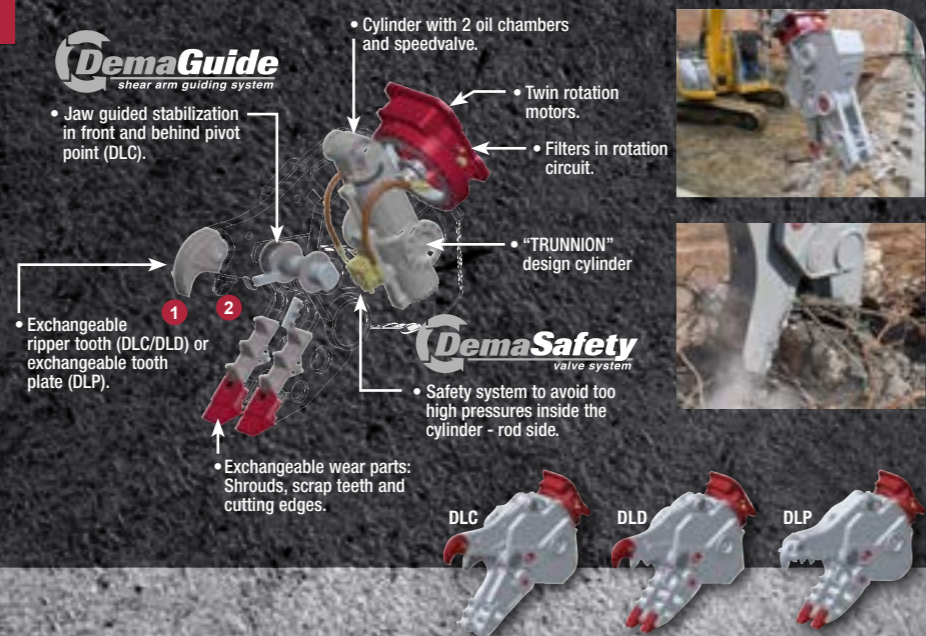
DEMAREC rotating pulverisers are fitted with twin rotation motors for extra rotation power as standard. The overpressure safety device in the rotation circuit ensures that no harmful forces are exerted on the machine. All models are also fitted with filters in the rotation circuit as standard.

Unique to DEMAREC Dedicated Demolition Line is that the lower and upper jaws are made entirely of exchangeable wear parts. This renders welding-on virtually unnecessary and prevents fatigue of the parent material. Exchanging of wearparts can be done on site. The DEMAREC Dedicated Demolition Line is therefore extremely cost-effective to use.

The DLL model is ideal for combination with full-hydraulic quick-change systems that involve (dis)coupling of the hoses.

Key features and benefits

- Very good speed & power to weight ratio
 - Exchangeable teeth, shrouds, cutting blades and tooth plate
 - Jaw guided stabilization in front and behind pivot point (DLC)
 - Twin rotation motors
 - Filters in rotation circuit
 - Rotary joint with extra channel
 - Robust pivot points of the cylinder
 - Exchanging of wearparts on site
- Optional: Dust spraying system



Technical specifications										
Type		DLC-25	DLC-30	DLC-45	DLD-25	DLD-30	DLD-45	DLP-25	DLP-30	DLP-45
Carrier weight*	ton	18 - 25	22 - 35	32 - 50	18 - 25	22 - 35	32 - 50	18 - 25	22 - 35	32 - 50
Weight**	kg	1880	2455	3085	1905	2450	3110	1920	2425	3150
Closing force 1 / 2 (approx.)	ton	70 / 100	80 / 125	110 / 150	75 / 120	85 / 135	110 / 160	70 / 100	80 / 125	110 / 150
Jaw opening	mm	785	875	980	825	870	990	790	860	980
Width upper jaw	mm	90	100	100	90	100	100	325	350	400
Width lower jaw	mm	390	455	470	390	450	470	390	450	470
Depth	mm	800	900	975	800	885	945	800	885	945
Height	mm	1995	2150	2365	2035	2155	2360	2035	2155	2360
Length of cutting blades	mm	400	400	500	200	200	200	200	200	200
Opening/Closing Pmax	bar	380	380	380	380	380	380	380	380	380
Flow	l/min	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300
Rotation Pmax	bar	140	140	140	140	140	140	140	140	140
Flow	l/min	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60
Cycle time Opening/Closing	sec	2,5 / 2,5	2,5 / 2,5	2,6 / 2,9	2,5 / 2,5	2,5 / 2,5	2,6 / 2,9	2,5 / 2,5	2,5 / 2,5	2,6 / 2,9

*Depending of capacity of carrier **Weigth excluding bracket

Subject to change without notice.

DEDICATED DEMOLITION LINE - DR-SERIES

The DR-series (DRC/DRD/DRP) is equipped with the "well known" DemaPower-System with 4 pressure chamber and double acting speed valve.

This unique cylinder technique has been developed in house at DEMAREC. The DemaPower-System has a double-action differential technique, which means the pulveriser has extremely fast cycle times. The jaw can open and close in 5 seconds. Furthermore the cylinder has 20% more power than conventionally constructed

cylinders thanks to the application of 4 pressure chambers in the cylinder. This gives an enormous increase in working capacity of as much as 30%.



Key features and benefits

- Unbeatable powerful and fast through the patented DemaPower-System
 - Impresses with its low weight, high closing force and large jaw opening
 - Jaw guided stabilization in front and behind pivot point (DRC)
 - Twin rotation motors
 - Filters in rotation circuit
 - Rotary joint with extra channel
 - Robust pivot points of the cylinder
 - Exchanging of wear parts on site
- Optional: Dust spraying system



Technical specifications											
Type		DRC-25	DRC-30	DRC-45	DRD-25	DRD-30	DRD-45	DRP-25	DRP-30	DRP-45	DRP-60
Carrier weight*	ton	18 - 25	22 - 35	32 - 50	18 - 25	22 - 35	32 - 50	18 - 25	22 - 35	32 - 50	45 - 65
Weight**	kg	1880	2440	3060	1905	2435	3085	1910	2410	3125	4100
Closing force 1 / 2 (approx.)	ton	85 / 120	100 / 150	130 / 185	90 / 145	105 / 160	130 / 195	85 / 130	100 / 150	130 / 185	150 / 205
Jaw opening	mm	785	875	980	825	870	990	790	860	980	1150
Width upper jaw	mm	90	100	100	90	100	100	325	350	400	450
Width lower jaw	mm	390	455	470	390	450	470	390	450	470	565
Depth	mm	800	900	975	800	885	945	800	885	945	1020
Height	mm	1995	2150	2365	2035	2155	2360	2035	2155	2360	2550
Length of cutting blades	mm	400	400	500	200	200	200	200	200	200	250
Opening/Closing Pmax	bar	380	380	380	380	380	380	380	380	380	380
Flow	l/min	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300	300 - 400
Rotation Pmax	bar	140	140	140	140	140	140	140	140	140	140
Flow	l/min	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60
Cycle time Opening/Closing	sec	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	2,0 / 2,8

*Depending of capacity of carrier **Weigth excluding bracket

Subject to change without notice.