

Demolition Shear DS Series

Tight and Light – the All-Rounder.

Designed for very difficult and at the same time very accurate demolition, the compact and light DS Series makes demolishing reinforced concrete and other materials, easy. It is especially suitable for demolition of buildings and bridges or for use with a »long front« excavator (the DS 130 LF was developed especially for use with a »long front« as it is very light but also powerful)



The very well-designed layout enables the shears to function even under the most difficult conditions. It is equipped with serrated blades for cutting reinforced steel and with exchangeable teeth for easy maintenance.



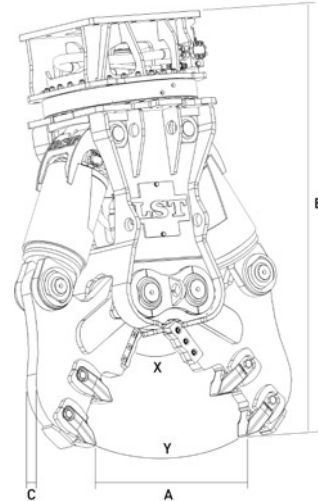
Quick and Agile

With its two cylinders the DS Series demolition shears can provide great cutting and breaking force rapidly. Its lightweight and slim construction has been specially designed for small, narrow demolition sites, which require perfect vision and maximum mobility. The DS Series provides very safe and efficient working conditions.



A special speed-valve enables the shears to open and close very quickly. The LST HWRI continuous 360° rotation drive with its regulation valve for constant and optimum rotating speed ensures easy and accurate positioning. The DS Series is mounted onto the carrier via an adapter plate.

Demolition Shear DS Series

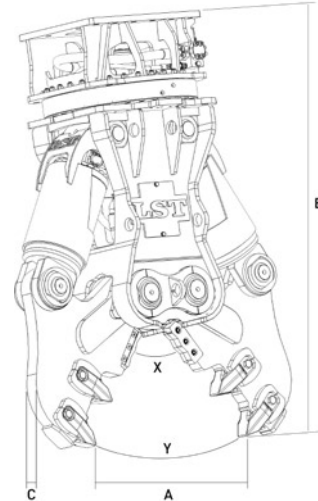


Model		DS 20	DS 50	DS 100	DS 130 LF	DS 160
Carrier weight	[t]	2 - 5	5 - 12	9 - 17	10 - 60	15 - 22
Weight	[kg]	200	600	1100	1400	1800
Cylinder		1	2	2	1	2
Cylinder power	[t]	20	40	80	60	100
max. Cutting performance	[mm]	15	20	25	30	30
max. Operating pressure	[bar]	220	260	320	320	320
Oil flow	[l/min]	35 - 65	55 - 160	140 - 260	170 - 260	170 - 260
Interchangeable teeth		no	yes	yes	no	yes
Dimensions	[mm]					
- A (Opening width)		280	480	685	610	820
- B (Height)		1000	1250	1500	1700	1750
- C (Material thickness)		25	50	60	60	70
- Blade length		90	140	140	180	180
Breaking power	[t]					
- X (Blade)		65	90	175	195	185
- Y (Tip-of-jaw)		20	22	50	50	65
Rotation						
- 360° Rotation *		MWR	HWRI	HWRI	HWRI	HWRI
- max. Operating pressure	[bar]	/	120	140	140	140
- max. Oil flow	[l/min]	/	10	10	10	10
Leak oil line required		/	/	/	/	/

* MWR - Mechanically driven fifth wheel

HWRI - Double bearing fifth wheel driven by an internal hydraulic motor protected by shock valves.

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Model		DS 230	DS 280	DS 400	DS 600	DS 1100
Carrier weight	[t]	20 - 30	26 - 38	36 - 65	60 - 90	85 - 130
Weight	[kg]	2300	2800	4050	6900	11400
Cylinder		2	2	2	2	2
Cylinder power	[t]	115	125	155	260	395
max. Cutting performance	[mm]	40	40	50	70	90
max. Operating pressure	[bar]	320	320	320	350	350
Oil flow	[l/min]	190 - 315	240 - 365	285 - 420	380 - 525	475 - 840
Interchangeable teeth		yes	yes	no	no	no
Dimensions	[mm]					
- A (Opening width)		890	1090	1370	1680	2050
- B (Height)		1850	2050	2450	2900	3250
- C (Material thickness)		70	80	90	100	120
- Blade length		180	220	260	325	400
Breaking power	[t]					
- X (Blade)		225	240	395	640	760
- Y (Tip-of-jaw)		80	85	95	160	240
Rotation						
- 360° Rotation *		HWRI	HWRI	HWRI	HWRI	HWRI
- max. Operating pressure	[bar]	140	140	140	140	140
- max. Oil flow	[l/min]	10	10	10	30	30
Leak oil line required		/	/	/	yes	yes

* MWR - Mechanically driven fifth wheel

HWRI - Double bearing fifth wheel driven by an internal hydraulic motor protected by shock valves.