



Dedicated Shear



Believed to be most powerful shear in its class, now you can experience ultimate power and staggering efficiency with our range of 4TÉ dedicated shears, born out of years of research, development & trialling! Using unique engineering technologies, its superior strength is celebrated in this professional range of distinguished shears which master and conquer their tasks with rare and thrilling ability.

These attachments are made in Germany - widely acclaimed as the champion of the global industry of high performance products due to its culture of innovation and collaboration. Meticulously engineered, with the benefit of years of experience and testing, this distinguished shear is built to ensure long product life and sound investment. Previously inconceivable deadlines and targets will now be reached with ease due to its evident capacity and might. The German designer's extraordinary level of commitment to innovation has resulted in an attachment which outperforms all others in today's demolition world!

What does 'Made in Germany' mean to you?
...to us it means;

- superb quality,
- built to perform,
- built to last,
- and the pinnacle of innovation

resulting in this great product we have to offer you.

Improvement of Cutting Forces

Such intricate care and attention to detail has been expended that even the geometry of the construction has been carefully calculated. The cutting force is optimized by creating maximum

leverage power at the point where the most force is required. The point where the most force is required for cutting metal is hugely different to that point when crushing concrete. This is why a shear and a pulveriser cannot be incorporated into the same attachment and achieve optimum performance in both.

The 4TÉ CapStone Dedicated Shear has:

- tremendously high cutting force!
- optimized cutting force through the geometry of the construction
- increased power to weight ratio, more power / reduced weight

Short Cycle Time

Along with an optimum cutting force comes the much desired benefit of speed. All flow restrictions have been eliminated right from the excavator to the ram producing a remarkably fast cycle time for a dedicated shear. Check out the features below:

- extremely large ports through rotary coupling with significantly less resistance to achieve higher flow
- special bespoke speed valve installed
- large internal bore hydraulic piping through to ram
- oil circuit without backpressure



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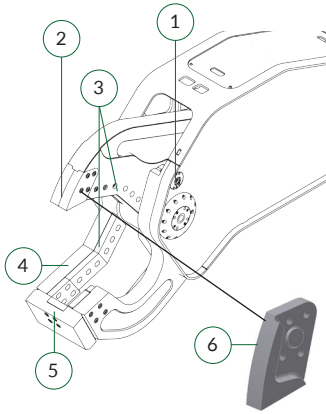
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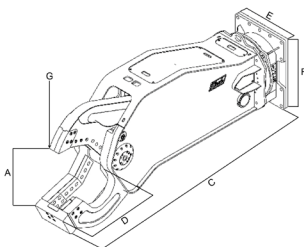


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Key

1. Alignment adjuster
2. Piercing tip
3. Cutting blades
4. Leading cutting blades on both sides
5. Base cutting blade
6. New piercing tip seat for increased strength and stability



Easy & Low Cost Maintenance

Maintenance plays a crucial part in demolition efficiency - all our 4TE CapStone series attachments are designed with ease of maintenance in mind, reducing downtime and ensuring the product works harder for you.

- replaceable cutting blades which can also be rotated to gain maximum use
- improved piercing tip mounting, unscrewable (not welded)
- alignment adjuster fitted to tighten up the tolerance of the flex of the moving jaw as it wears over time as required
- no ram bleeding required

Easy Handling

Included in the design of this attachment are many little details, each contributing big benefits to

the easy handling of this attachment. The saddle mounting has been placed at an angle for versatility whilst working at height or on the floor.

- reduced net weight
- optimized load centre
- bevelled saddle mounting for kinematics

Long Lasting Product

Our products are not just designed to perform brilliantly, but are also build to last.

- wear parts made of highly wear resistant casting
- special wide pivot bearing to reduce flex between jaws
- inverted ram to reduce vulnerability of chrome
- harder rod chrome
- better designed locking mechanism for wear parts
- ram rod and eye are one piece for strength

	FDS1401	FDS2201	FDS3001	FDS4001	FDS5001	FDS6001	FDS8001	FDS9001	FDS12001	FDS15001
Technical details										
Excavator Weight Range - Dipper Mounted (T)	6-14	12-22	16-30	25-40	35-50	42-60	60-80	70-90	80-120	120-150
Excavator Weight Range - Boom Mounted (T)	4-6	6-12	10-15	15-22	21-30	24-34	34-50	45-55	50-60	60-80
Self Weight excl saddle	625	1070	2000	2870	4180	4400	6400	7630	8653	12440
A - Jaw Opening (mm)	292	424	581	626	707	730	820	908	1085	1172
C - Overall Height (mm)	1735	2003	2590	2980	3370	3370	4000	4166	4615	4760
D - Jaw Depth (mm)	292	390	580	590	750	750	872	958	1049	1110
Cutting Length (mm)	292	390	580	590	750	750	872	958	1049	1110
Closing Force at 'G' (kN)	1177	2560	5256	7022	8532	10317	12827	15259	15887	17770
Closing Force at 'G' (T)	120	261	536	716	870	1052	1308	1556	1620	1812
Cycle Time (seconds)	18/27	11/13.5	6/7	4.5/5.0	4.8/5.0	4.5/4.9	4.5/5.0	4.0/5.0	4.0/5.0	2.7/3.5
Open/Close Max Pressure (bar)	250	350	380	380	380	380	380	380	380	380
Rotation Max Pressure (bar)	100-110	100-110	100-110	100-110	100-110	100-110	100-110	100-110	100-110	100-110
Rotation Flow (l/min)	25	25	25	25	25	25	25	25	25	25
Open/Close Flow (l/min)	100-150	150-180	150-180	200-250	250-300	300-350	350-400	350-400	350-400	350-400
Cutting Performance										
• Profile (mm)	40	60	65	75	77	85	90	100	149	155
O Profile (mm)	130	150	165	260	310	406	505	600	590	770
⊥ Profile (mm)	240	260	280	340	400	457	600	640	678	815
H Profile (mm)	82.5	110	145	250	280	305	380	470		
- Profile (mm)	7	11	14	16	15	19	22	28	30	35

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