

DEDICATED SHEARS

CD 015 - CD 022 - CD 024 - CD 031 -
CD 040 - CD 042 - CD 045 - CD 080



Adaptability, robustness, and reliability.

The Dedicated Shears **CD 015 - CD 022 - CD 024 - CD 031 - CD 040 - CD 042 - CD 045 - CD 080** are ideal for working with 14 to 100-ton excavators.

They are primary demolition tools for the dismantling and recycling of reinforced concrete or steel structures.

However, shears equipped with BB (Concrete Crusher) jaws can also be used for secondary demolition work as a complement.

These dedicated shears meet a specific recurring need that does not require jaw changes.

They are less expensive than universal shears but equally effective in their respective tasks.



Features:

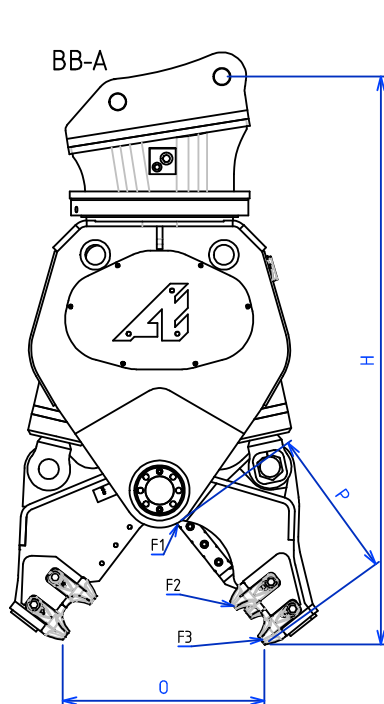
- ✓ The CB and BB concrete jaws are equipped with a rebar cutter at the back of the throat.
- ✓ The pins are High Frequency treated and the body is made of High Yield Strength (HSS) steel.
- ✓ The 360° hydraulic rotation features a slewing ring and 1 or 2 motors (depending on the model) requiring no drain line.
- ✓ The two vertical cylinders are rod-fed: they are inverted, thus protecting the rods.
- ✓ Drilled for bolted adapter plate.
- ✓ Maintenance hatch.

Options (except CD080):

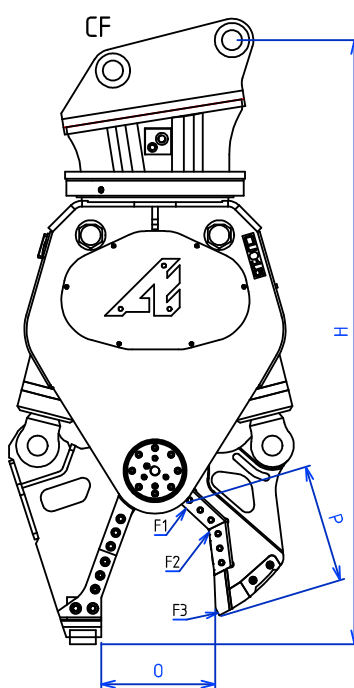
- ✓ **Arden Jet :**
Water spraying system integrated into the tool.
- ✓ **Speed Valve :**
Optimization and reduction of cycle time.



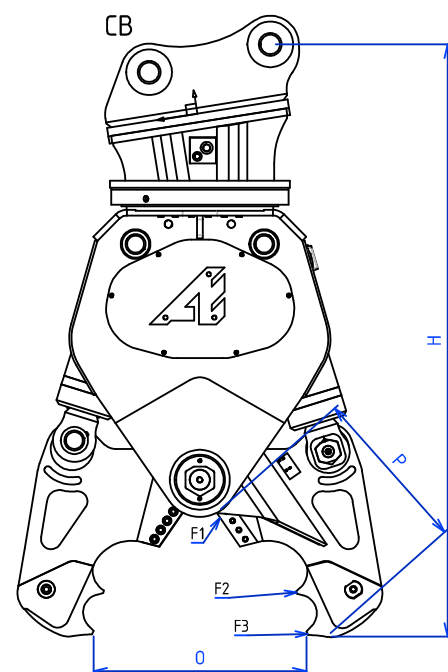
Technical drawings



BB: Concrete Crusher



CF: Scrap Shear



CB: Concrete Shear

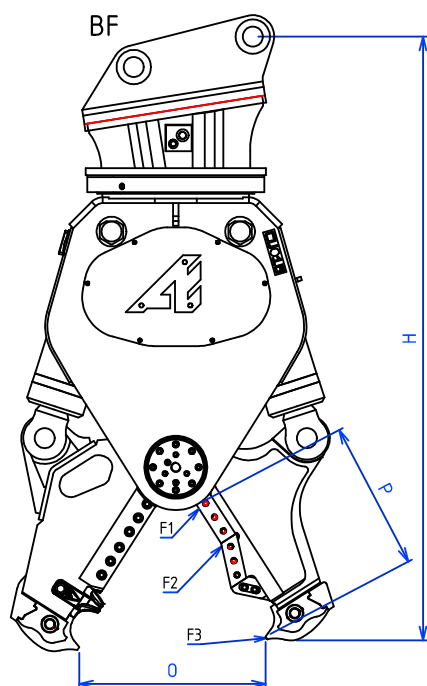
Technical specifications

				H	O	P	L	F1	F2	F3							Cycle time**			
t			kg	mm	mm	mm	mm	t	t	t	mm	mm	mm	mm	mm	bar	l/min	s	bar	l/min
14/19	CD015	BB	1440	2050	710	530	400	232	80	61	-	-	-	-	40	380	200	3/4.6	140	14/20
		CF	1450	2110	400	400	290	205	119	58	-	220	160	8	50					
		CB	1350	2060	720	520	65	240	90	65	-	-	-	-	40					
		BF	1490	2140	650	510	330	220	150	60	-	200	140	-	50					
		BV	1440	2080	482	491	375	216	116	61	-	-	-	-	40					
18/25	CD022	BB	2100	2300	810	650	500	376	110	83	-	-	-	-	60	380	250	3.8/6	140	24/30
		CF	2080	2400	450	450	300	292	215	92	-	300	200	10	60					
		CB	2020	2400	800	650	70	400	117	90	-	-	-	-	60					
		BF	1960	2530	810	610	330	266	158	72	-	260	180	-	60					
		BV	2150	2350	540	590	490	266	158	72	-	-	-	-	60					
24/30	CD024	BB	2230	2350	810	650	500	376	110	83	-	-	-	-	60	380	250	3.8/6	140	28/40
		CF	2210	2450	450	450	300	292	215	92	-	300	200	10	60					
		CB	2150	2450	800	650	70	400	117	90	-	-	-	-	60					
		BF	2090	2580	810	610	330	266	158	72	-	260	180	-	60					
		BV	2280	2400	540	590	490	266	158	72	-	-	-	-	60					
28/37	CD031	BB	2920	2510	928	731	572	470	134	105	-	-	-	-	60	380	400	3,4/5,30	140	28/40
		CF	3100	2650	520	530	310	404	214	105	-	340	220	12	70					
		CB	2870	2700	950	800	90	460	140	108	-	-	-	-	70					
		BF	3050	2430	960	790	310	350	216	92	-	300	200	-	60					
		BV	2680	2700	600	740	540	350	175	108	-	-	-	-	70					

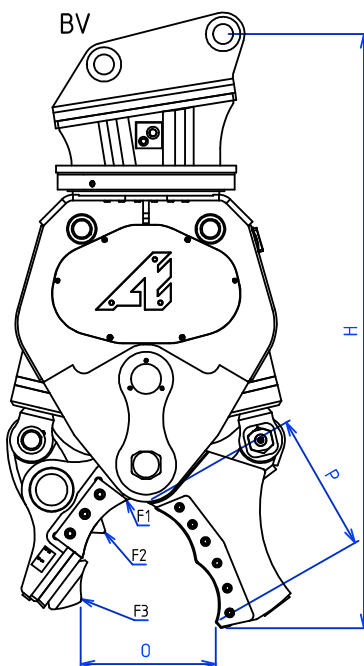
* Weight with adapter plate (± 3%)

** Cycle time with/without speed valve

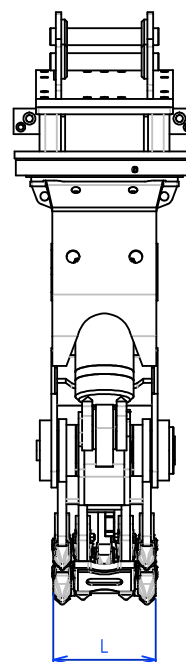
*** Shearing capacities are given for S235JR (E24-2) steel



BF: Concrete/Scrap



BV: Perimeter Cutting



Jaw width

		 KG *	H	O	P	L	F1	F2	F3	 IPE ***	 IPN ***	 HEA ***	 ***	 ***		Cycle time**				
t		kg	mm	mm	mm	mm	t	t	t	mm	mm	mm	mm	mm	bar	l/min	s	bar	l/min	
CD040		BB	Contact us																	
		CF																		
		CB																		
		BF																		
		BV																		
38/50	CD042	BB	4170	2990	1100	830	620	520	157	127	-	-	-	-	80	350	400	5.1/7.9	140	30/42
		CF	3940	3000	690	680	520	520	235	130	-	380	280	15	80					
		CB	3760	3000	1130	880	100	520	170	130	-	-	-	-	80					
		BF	4220	3030	1100	900	550	520	260	120	-	360	260	-	80					
		BV	4190	3000	780	830	550	520	245	130	-	-	-	-	80					
48/70	CD045	BB	4440	3040	1100	830	620	520	157	127	-	-	-	-	80	350	400	5.1/7.9	140	35/45
		CF	4190	3050	690	680	520	520	235	130	-	380	280	15	80					
		CB	4040	3050	1130	880	100	520	170	130	-	-	-	-	80					
		BF	4400	3080	1100	900	550	520	260	120	-	360	260	-	80					
		BV	4460	3050	780	830	550	520	245	130	-	-	-	-	80					
80/100	CD080	CB	8000	3500	1858	1149	110	977	320	223	-	-	-	-	100	350	600	8,6/13,3	140	30/45

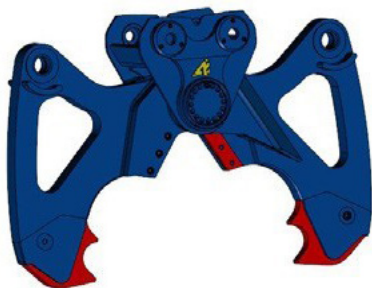
* Weight with adapter plate (± 3%) ** Cycle time with/without speed valve ***Shearing capacities are given for S235JR (E24-2) steel

Technical data and visuals are non-contractual and subject to change without prior notice.

Different jaw types

The jaw kinematics are adapted to their function.
Jaw sets are delivered on an individual stand.

CB Jaw



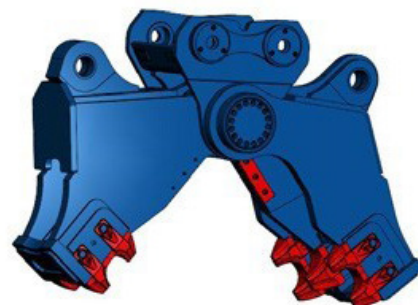
- ✓ To cut the concrete structure during primary demolition
- ✓ HB450 steel
- ✓ Easily replaceable wear parts
- ✓ Rebar cutter blade

CF Jaw



- ✓ To cut the steel structure during primary demolition
- ✓ HB450 steel
- ✓ Easily replaceable wear parts
- ✓ Nitrogen-shrunk pivot pin
- ✓ Possible play recovery on the central pivot pin

BB Jaw



- ✓ For crushing concrete structures during primary and secondary demolition, it can also be used on recycling sites.
- ✓ HB450 steel
- ✓ Easily replaceable wear parts
- ✓ Rebar cutter blade

BV Jaw



- ✓ Perimeter cut to burst concrete structures during primary demolition
- ✓ HB450 steel
- ✓ Easily replaceable wear parts

BF Jaw



- ✓ To cut steel and concrete structure during primary demolition
- ✓ HB450 steel
- ✓ Easily replaceable wear parts
- ✓ Nitrogen-shrunk pivot pin
- ✓ Possible play recovery on the central pivot pin

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