

MATERIAL PROCESSORS

Demolition Multi Processors
 Recycling Multi Processors
 Secondary Pulverizers

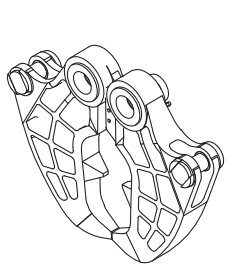
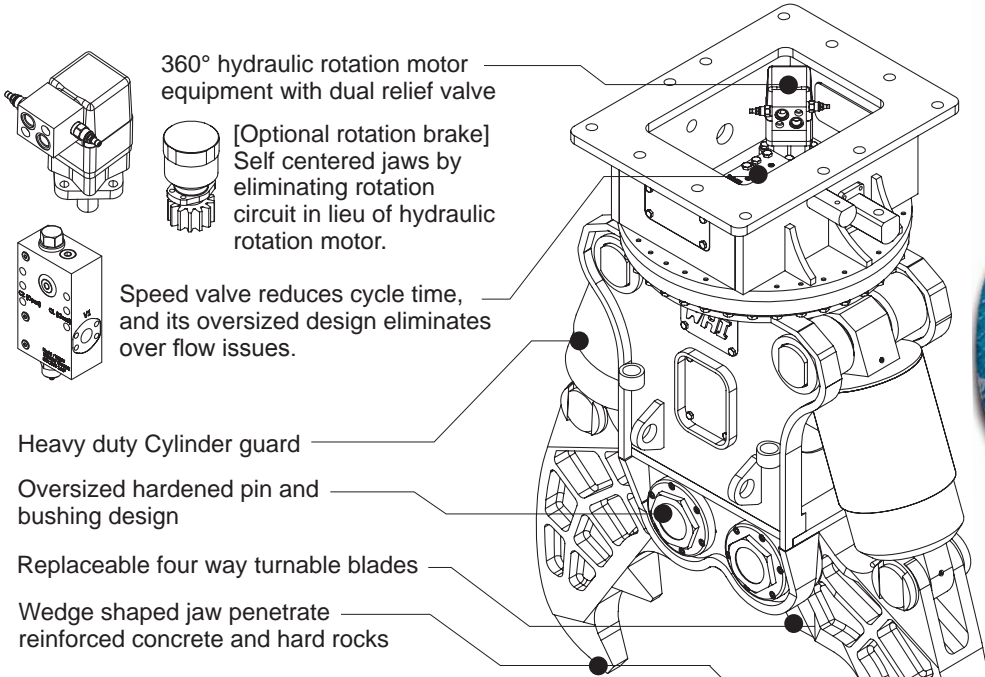
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DMC-V Series Demolition Multi Processors

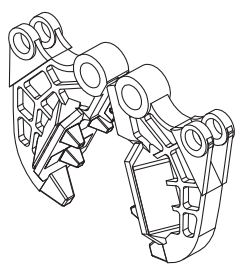
With crusher or pulverizer jaw, the DMC-V is the best solution for concrete, hard rock, and rebar processing. Unlike hydraulic breakers, the DMC-V processors provide noise-free and vibration-free solution to any demolition project. Large model selection is available for most carriers.

Dual Cylinder Dual Pin design provides

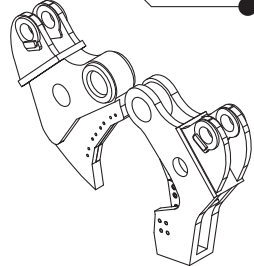
- Wide opening and tremendous initial crushing force, and optimized angle of attack.
- Asymmetric design and independent cylinder movement minimize the stress to the carrier.



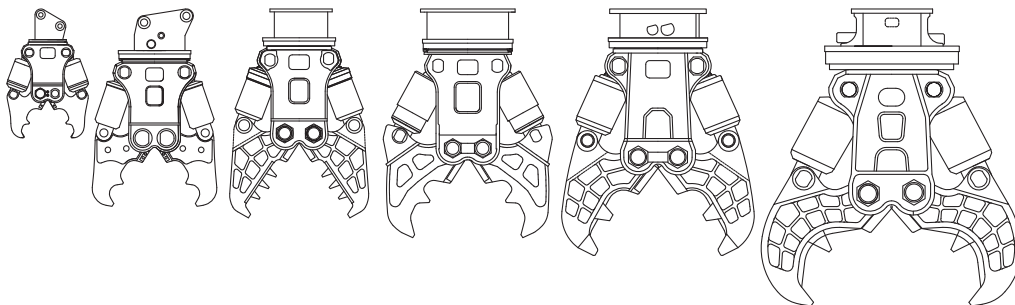
Crusher Jaw [CW Jaw]

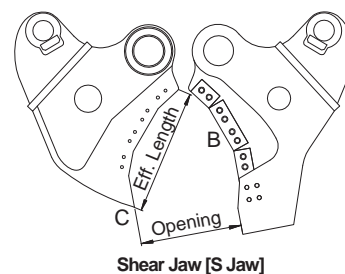
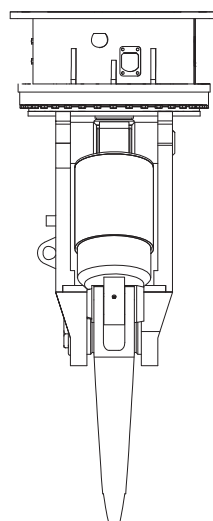
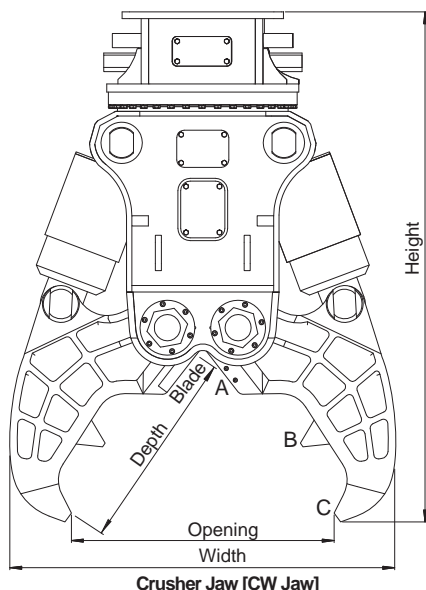


Pulverizer Jaw [PW Jaw]

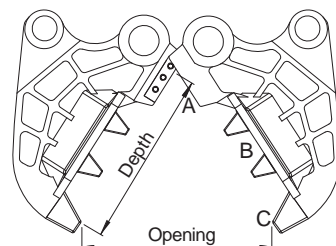


Shear Jaw [S Jaw]

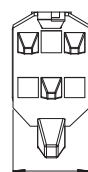




Shear Jaw [S Jaw]



Pulverizer Jaw [PW Jaw]



Thickness

Model		Unit	DMC 15(R)V	DMC 25(R)V	DMC 30(R)V	DMC 45(R)V	Unit	DMC 15(R)V	DMC 25(R)V	DMC 30(R)V	DMC 45(R)V
Carrier Weight		M/T	13~20	20~40	29~45	45~65	M/T	13~20	20~40	29~45	45~65
Weight with CW Jaw		kg	1,365	2,100	2,750	5,350	lb	3,000	4,620	6,050	11,770
Weight with P Jaw			1,332	2,220	2,910	5,610		2,930	4,880	6,400	12,340
Weight with S Jaw			1,347	2,010	2,875	5,960		2,960	4,420	6,330	13,110
Crusher Dimensions [CW Jaw]	Height	mm	2,030	2,180	2,450	2,850	inch	80	86	96	112
	Width		1,250	1,450	1,720	2,350		49	57	68	93
	Opening		805	980	1,100	1,400		32	39	43	55
	Depth		610	820	945	1,100		24	32	37	43
	Blade Length		140	220	250	250		6	9	10	10
Pulverizer Dimensions [PW Jaw]	Height	mm	1,620	2,280	2,450	2,850	inch	64	90	96	112
	Width		1,120	1,450	1,720	2,350		44	57	68	93
	Opening		750	980	1,080	1,400		30	39	43	55
	Thickness		250	340	370	415		10	13	15	16
	Blade Length		140	220	250	250		6	9	10	10
Shear Dimensions [S Jaw]	Height	mm	1,650	2,150	2,280	2,840	inch	65	85	90	112
	Width		1,050	1,450	1,640	1,820		41	57	65	72
	Opening		390	514	520	820		15	20	20	32
	Depth		415	545	595	955		16	21	23	38
	Eff. Length		354	450	470	780		14	18	19	31
Cutting Force [A, Throat]		M/T (Metric Ton)	526	1,141	1,729	2,558	lb (X1000)	1,157	2,510	3,804	5,627
Crushing Force [CW/PW Jaw]	[B] Middle		128	254	326	482		281	558	718	1,061
	[C] Tip		82	143	180	266		181	314	396	586
Shearing Force [S Jaw]	[B] Apex		243	381	507	588		535	839	1,116	1,294
	[C] Tip		104	188	231	273		229	413	508	600
Rated Pressure		bar	320				psi	4,600			
Rated Oil Flow		lpm	210	280	280	390	gpm	55	74	74	103
Hyd. Rotation	Pressure	bar	210				psi	3,000			
	Oil Flow	lpm	28~32	32~45	32~45	75~105	gpm	7~8	8~12	8~12	20~27
	Speed	RPM	10~15				RPM	10~15			
Cycle time	Open	sec	1.5	2.5	3.2	4.2	sec	1.5	2.5	3.2	4.2
	Close		1.4	2.3	3.8	5.4		1.4	2.3	3.8	5.4

Specifications subject to change without notice.

- R model comes with continuous 360degree hydraulic rotation.
- Height Dim. : Flat top mounting. Measured jaw fully closed.

- Width Dim. : Measured jaw wide open.
- Cutting Force [A] : At rebar blade bender
- Cycle time : Measured at rated flow under no load.

DMS-V Series Recycling Multi Processors

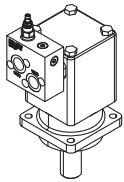
With shear jaw set, this third member primary shear is powerful tool for steel structure demolition and steel recycling facilities.

Unlike bulky second member shear, DMS-V shear provides high maneuverability and production for scrap yard.

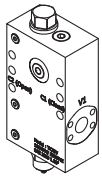
Interchangeable jaws are optional for those who need versatile tools; Cutter jaw is specially effective cutting tank and wide plate.

Single Pin dual cylinder design provides

- Optimized shearing/ cutting angle and continuous force through the cycle.
- Zero slip between two jaws.
- Asymmetric design and independent cylinders movement minimize the stress to the carrier.



360° hydraulic rotation motor equipment with dual relief valve



Speed valve reduces cycle time, and its oversized design eliminates over flow issues.

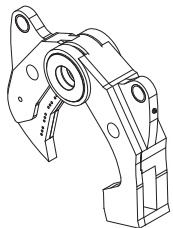
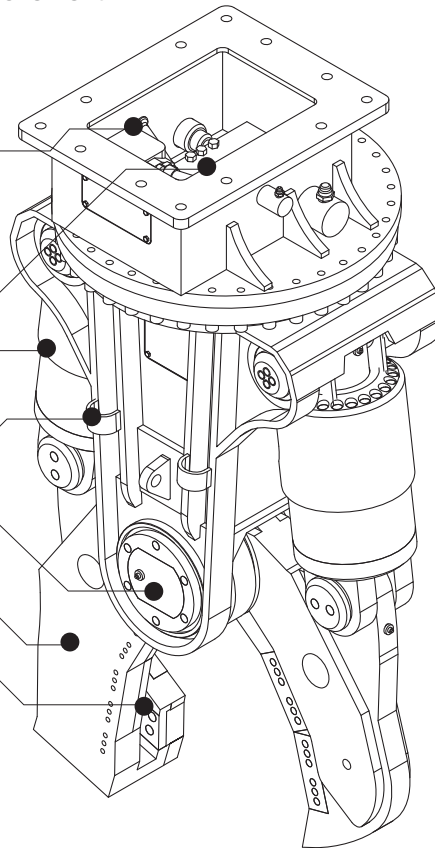
Heavy duty Cylinder guard

Hose Storage

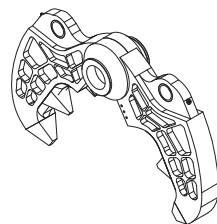
Oversized hardened pin and bronze bushing design

Abrasion-resistant steel

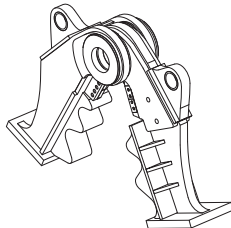
Replaceable four way turnable blades



Shear Jaw [S Jaw]



Crusher Jaw [CW Jaw]



Pulverizer Jaw [PW Jaw]

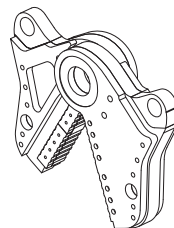
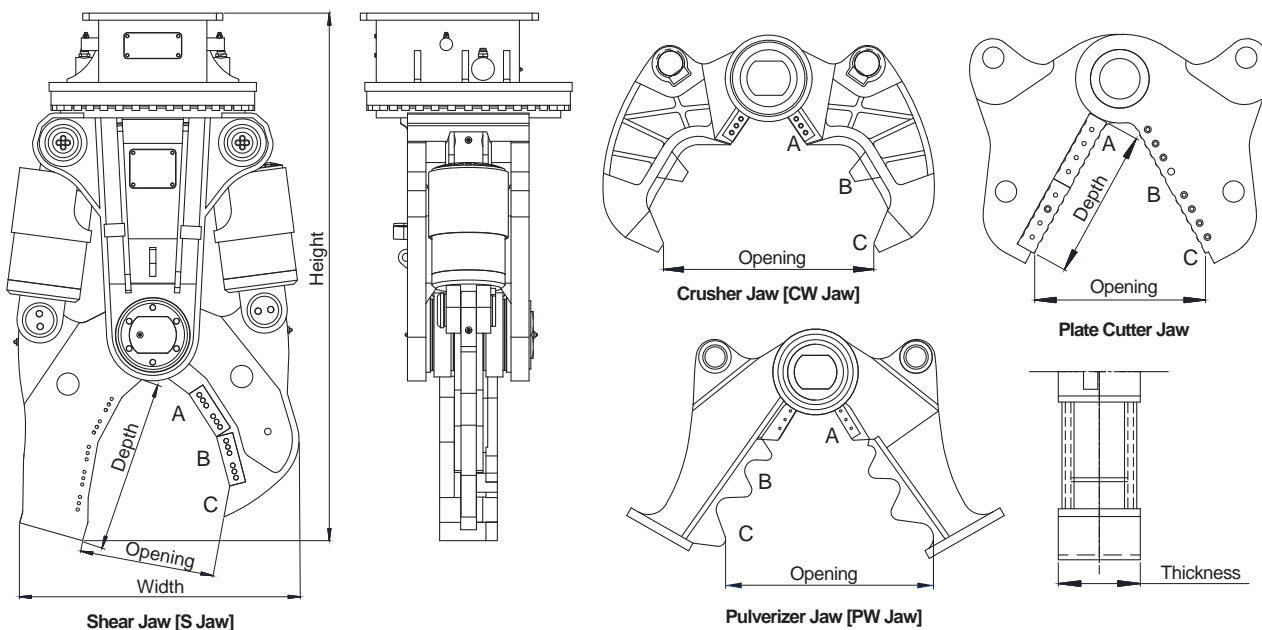


Plate Cutter Jaw





Model		Unit	DMS500RV	DMS600RV	Unit	DMS500RV	DMS600RV
Carrier Weight		M/T	20~30	28~45	M/T	20~30	28~45
Weight with S Jaw		kg	2,085	3,295	lb	4,600	7,265
Weight with CW Jaw			2,200	3,100		4,840	6,820
Weight with P Jaw			2,200	3,240		4,840	7,140
Weight with Cutter Jaw			2,500	3,310		5,510	7,230
Shear Dimesions [S Jaw]	Opening	mm	490	530	inch	19	21
	Depth		585	680		23	27
Crusher Dimesions [CW Jaw]	Opening	mm	950	1,050	inch	37	41
	Blade Length		220	250		9	10
Pulverizer Dimesions [PW Jaw]	Opening	mm	850	950	inch	33	37
	Thickness		270	290		11	11
	Blade Length		220	250		9	10
Cutter Dimesions	Opening	mm	710	760	inch	28	30
	Eff. Length		625	690		25	27
Cutting/ Crushing Force	[A] Throat	M/T (Metric Ton)	996	1,360	lb (X1000)	2,190	2,990
	[B] Middle		269	413		590	910
Cutting/ Crushing Force [C] Tip			156	244		340	540
Rated Pressure		bar	320		psi	4,600	
Rated Oil Flow		lpm	280		gpm	74	
DIM with Crusher jaw	Height	mm	2,070	2,390	inch	81	94
	Width		1,150	1,350		45	53
Hyd. Rotation	Pressure	bar	210		psi	3,000	
	Oil Flow	lpm	32~45		gpm	8~12	
	Speed	RPM	10~15		RPM	10~15	
Cycle time ****	Open	sec	2.5	3.2	sec	2.8	3.2
	Close		2.3	3.8		2.6	3.8

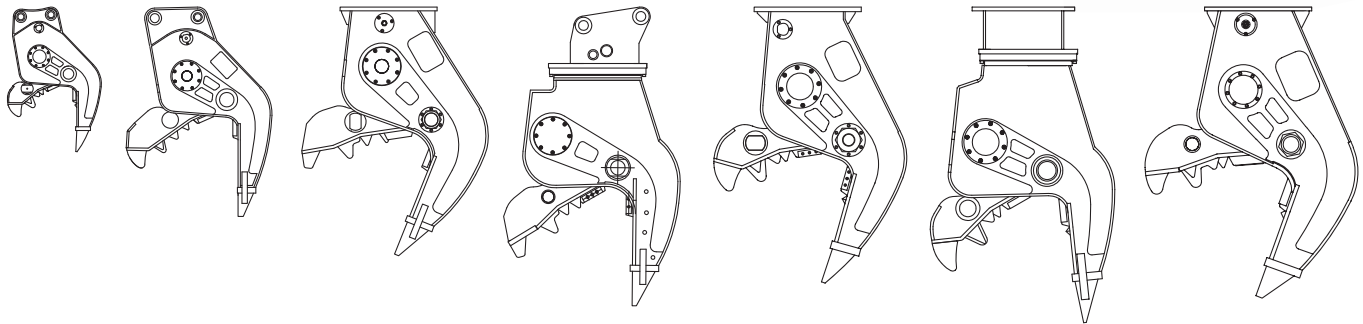
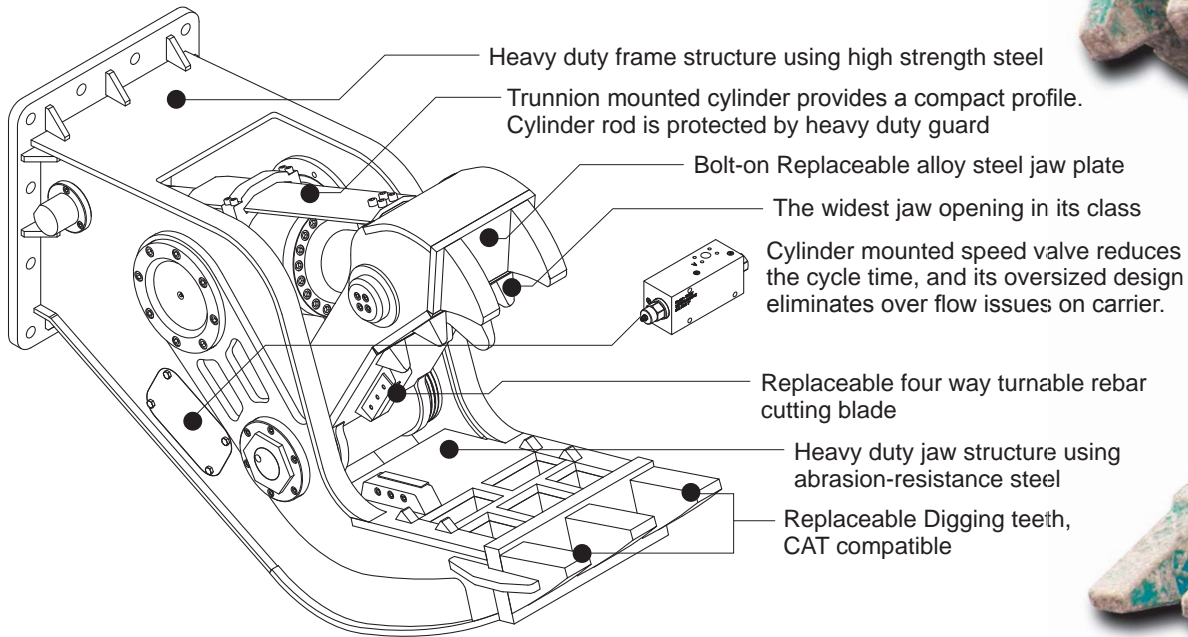
Specifications subject to change without notice.

- R model comes with continuous 360degree hydraulic rotation.
- Height Dim. : Flat top mounting. Measured jaw fully closed.

- Width Dim. : Measured jaw wide open.
- Cutting Force [A] : At rebar blade benter
- Cycle time : Measured at rated flow under no load.

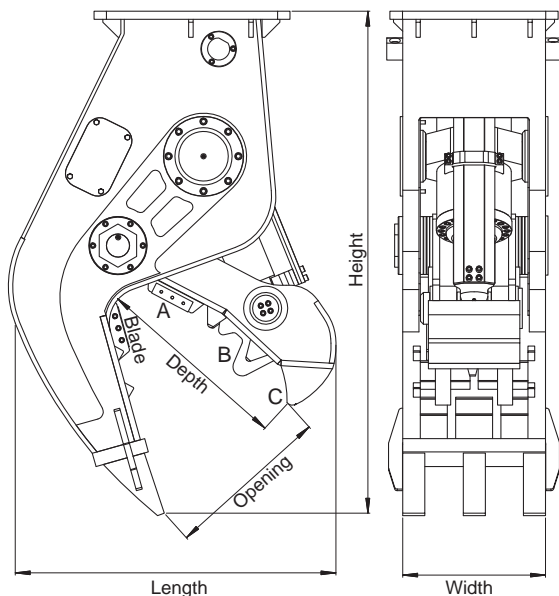
DMP-V Series Secondary Pulverizers

Designed for secondary processing to remove rebar and size concrete.
 Rotation model, 360 degree hydraulic, increases productivity.
 Large model selection is available for most carriers.

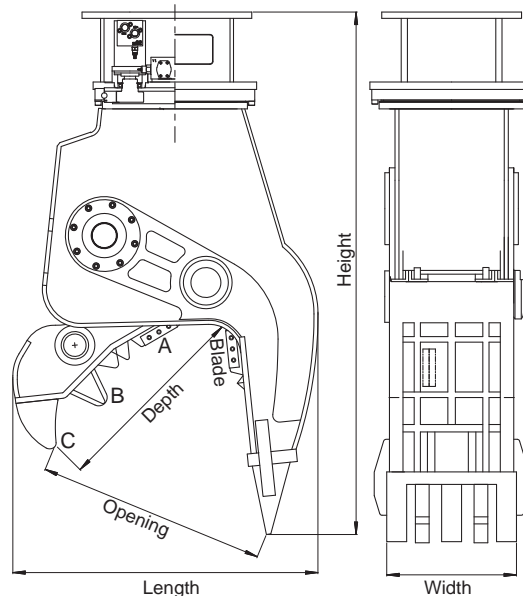




DMP-V Series



DMP-RV Series



Model	Unit	DMP 05V	DMP 10V	DMP 15V	DMP 15RV	DMP 20V	DMP 20RV	DMP 30V	DMP 35V	Unit	DMP 05V	DMP 10V	DMP 15V	DMP 15RV	DMP 20V	DMP 20RV	DMP 30V	DMP 35V		
Carrier Weight	M/T	2~5	7~12	10~20	12~20	17~25	20~30	24~40	35~45	M/T	2~5	7~12	10~20	12~20	17~25	20~30	24~40	35~45		
Operating Weight	kg	250	620	950	1,150	1,500	1,850	2,450	3,600	lb	550	1,364	2,090	2,530	3,300	4,070	5,390	7,920		
DIM	Height									inch	40	54	65	73	72	82	87	102		
	Length										24	38	48	46	49	49	64	87		
	Width										10	14	17	20	20	20	24	33		
Jaw Opening	mm	440	700	790	790	850	920	1,100	1,280	inch	17	28	31	31	33	36	43	50		
Jaw Depth		395	680	820	820	825	865	990	1,100		16	27	32	32	32	34	39	43		
Blade Length		75	102	140	140	150	150	200	250		3.0	4.0	5.5	5.5	6.0	6.0	8	9.8		
Cutting Force [A]	M/T (Metric Ton)	37	87	163	163	191	186	257	306	lb (X1000)	80	192	359	359	420	409	566	672		
Crushing Force		[B] Mid	17	34	67	67	91	84	121		132	37	74	147	147	200	185	266	291	
		[C] Tip	11	21	42	42	60	54	79		98	24	46	93	93	132	119	174	216	
Rated Pressure	bar	250			320						psi	3,600			4,600					
Rated Oil Flow	lpm	45	80	160			280			360	gpm	12	21	42			74			95
Hyd. Rotation	Pressure	bar	-	-	-	210	-	210	-	-	psi	-	-	-	3,000	-	3,000	-	-	
	Oil Flow	lpm	-	-	-	28~32	-	40~45	-	-	gpm	-	-	-	7~8	-	10~14	-	-	
	Speed	RPM	-	-	-	10~15	-	10~15	-	-	RPM	-	-	-	10~15	-	-	-	-	
Cycle time	Open	sec	1.3	2.0	2.1	1.9	2.9	2.9	2.4	3.0	sec	1.3	2.0	2.1	1.9	2.9	2.9	2.4	3.0	
	Close		1.3	2.6	1.9	1.8	3.0	3.0	3.1	3.1		1.3	2.6	1.9	1.8	3.0	3.0	3.1	3.1	

Specifications subject to change without notice.

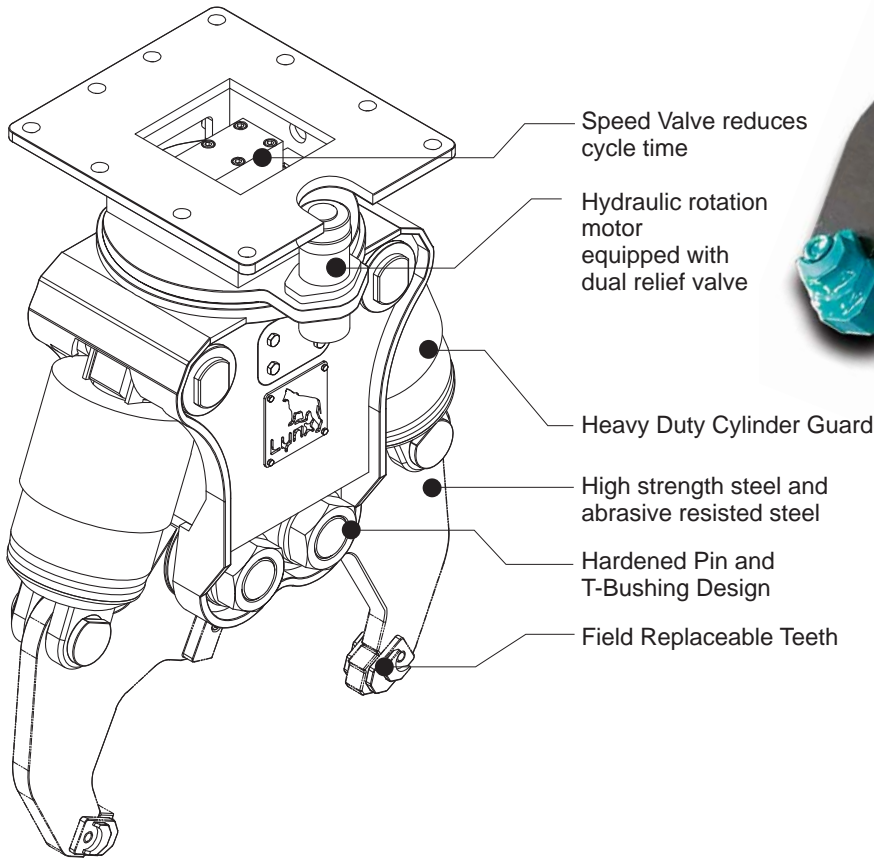
- R model comes with continuous 360degree hydraulic rotation.
- Height : Flat Top Mounting
- Cycle Time : Measured at rated flow under no load.

DMC MINI Multi Processor

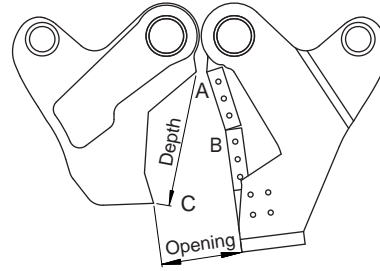
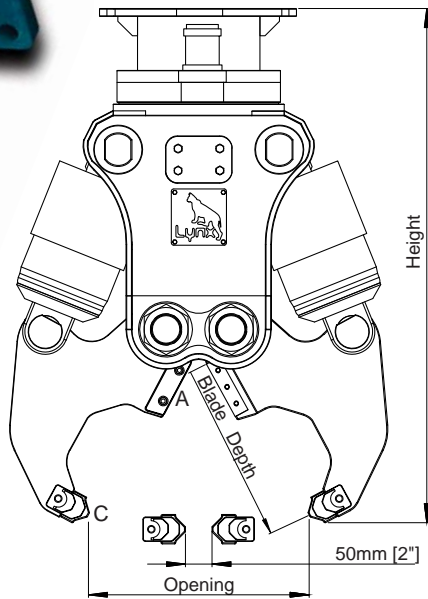
Unlike hydraulic breakers, Mini Processors with Crusher jaw will provides noise-free and vibration-free solution to any demolition project.

- Unlike single cylinder design, dual cylinder design provides
- Wide opening, powerful initial force and optimized angle of attack.
 - Independent cylinder movement minimizes the stress to the carrier.

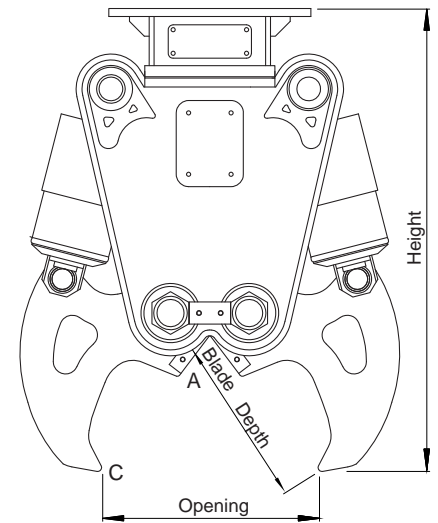
With versatile interchangeable jaw and tooth design [DMC05(R)W model only], Mini Processors provide the simple but powerful tool for demolition and recycling contractors.



DMC-RW Series



DMC-V Series



Modell	Unit	DMC01V	DMC03V	DMC05 RW-C	DMC05 RW-S	DMC08RV	Unit	DMC01V	DMC03V	DMC05 RW-C	DMC05 RW-S	DMC08RV	
Carrier Weight	M/T	1-2	2-3	4-7		7-12	M/T	1-2	2-3	4-7		7-12	
Operating Weight	kg	180	280	410	438	680	lb	396	616	902	964	1,496	
	Weight	25	35	45	80	89		55	77	99	176	196	
Jaw	Opening	mm	370	430	50-450	160	620	inch	14.6	17.3	2-17	6.3	24.4
	Depth		287	345	370	270	580		11.3	13.6	14.6	10.6	22.8
Force	[A] Throat	M/T (Metric Ton)	148	188	220	288	347	lb (X1000)	325	414	484	634	763
	[B] Mid		-	-	-	157	100		-	-	-	345	220
	[C] Tip		23	37	47	59	63		51	82	103	130	139
Rated Pressure	bar	250				320	psi	3,600				4,600	
Rated Oil Flow	lpm	45	60	75		140	gpm	12	16	20		37	
Overall Dimension	Height	mm	870	940	1,080	1,100	1,370	inch	34	37	43	43	54
	Width		660	730	770	740	985		26	29	30	29	39
Hyd. Rotation	Pressure	bar	Free Rotation		120	170	psi	Free Rotation		1,740		2,500	
	Oil Flow	lpm	Free Rotation		13	32	gpm	Free Rotation		3.4		8	
	Speed	RPM	Free Rotation		20	15	RPM	Free Rotation		20		15	
Cycle time	Open	sec	1.4	2.0	1.8	1.3	sec	1.4	2.0	1.8	1.3	1.3	
	Close		1.1	1.3	1.0	1.5		1.1	1.3	1.0	1.5		

Specifications subject to change without notice.

- R model comes with continuous 360degree hydraulic rotation.
- Height Dim. : Flat top mounting. Measured jaw fully closed.
- Width Dim. : Measured jaw wide open.
- Cutting Force [A] : At rebar blade bender
- Cycle time : Measured at rated flow under no load.

DMC-W Series Demolition Multi Processors

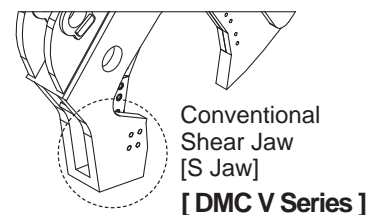
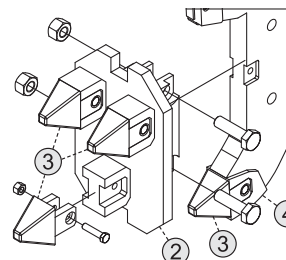
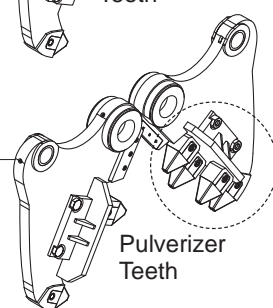
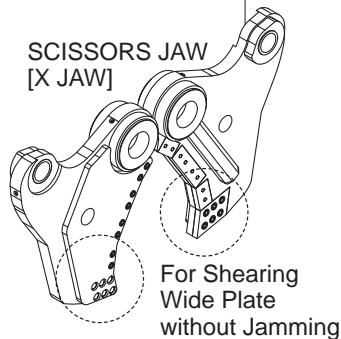
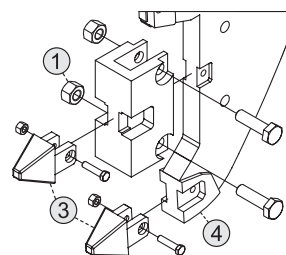
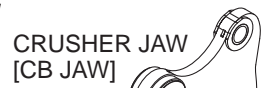
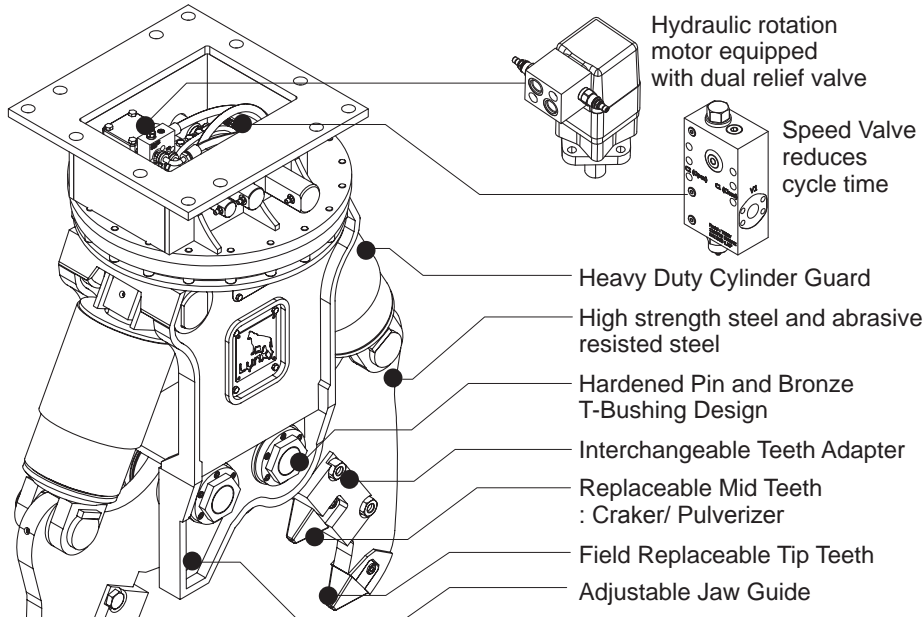
With versatile interchangeable jaw and tooth design, DMC-W provides the simple but powerful tool for demolition and recycling contractors.

Unlike conventional shears, DMC-W with Shear jaw provides clean cut to wide plates and beams without jamming.

Replaceable teeth reduce maintenance time and cost.

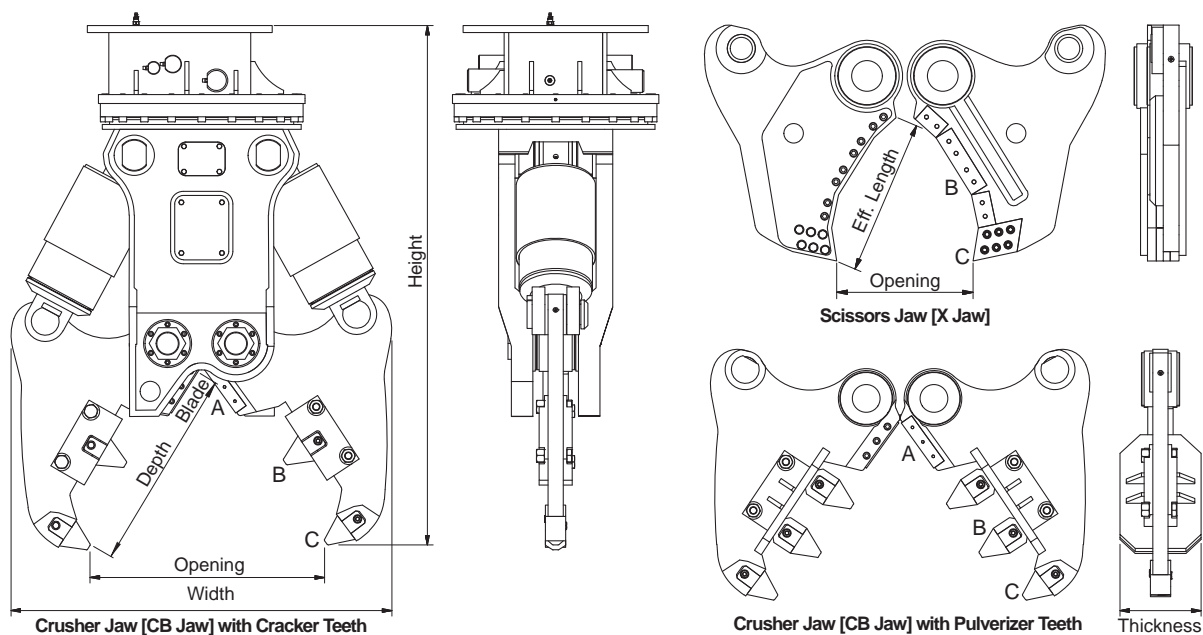
Dual Cylinder Dual Pin design provides

- Wide opening and tremendous initial crushing force, and optimized angle of attack.
- Asymmetric design and independent cylinder movement minimize the stress to the carrier.



- ① Bolt-on Interchangeable Cracker Teeth Adapter
- ② Bolt-on Interchangeable Pulverizer Teeth Adapter
- ③ Bolt-on Replaceable Teeth
- ④ Welded Teeth Adapter





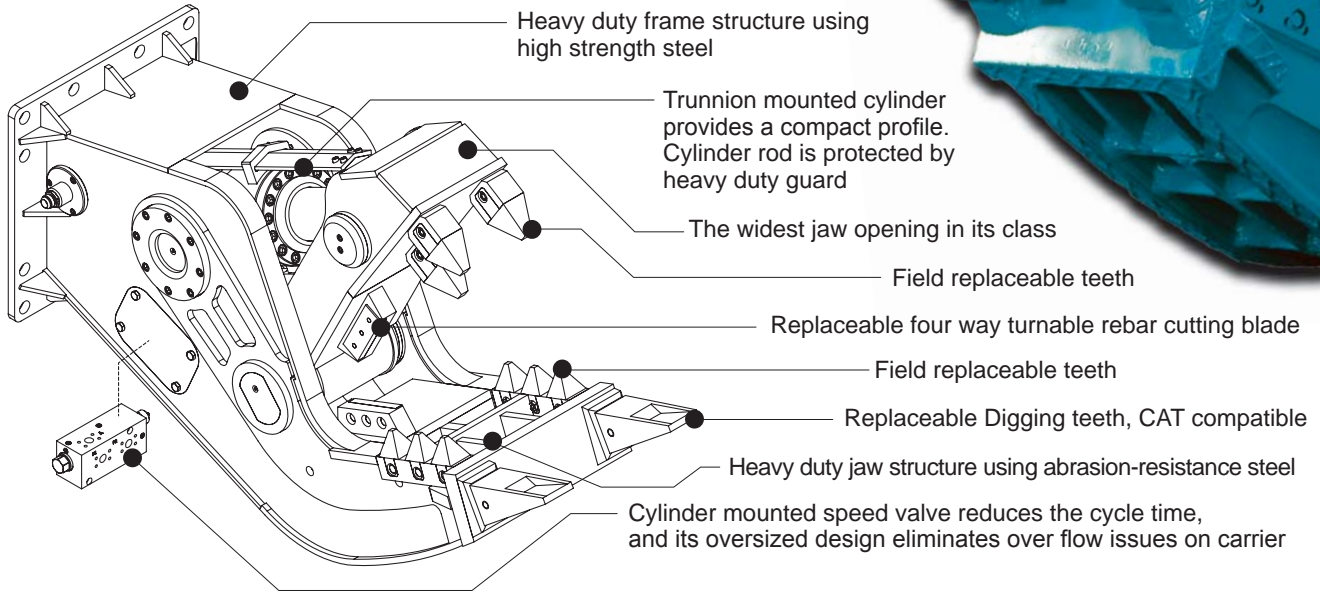
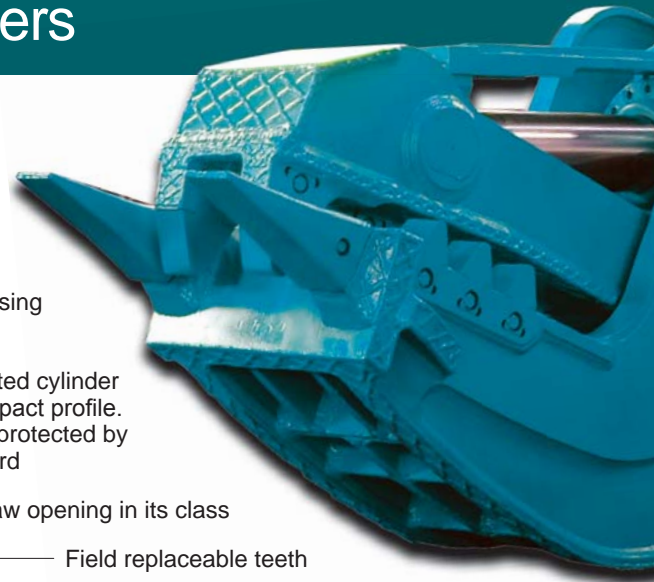
Model		Unit	DMC 15(R)W	DMC 25(R)W	DMC 45(R)W	Unit	DMC 15(R)W	DMC 25(R)W	DMC 45(R)W
Carrier Weight		M/T	13~20	20~40	45~65	M/T	13~20	20~40	45~65
Weight with CB Jaw		kg	1,430	2,210	5,480	lb	3,150	4,860	12,060
Weight with X Jaw			1,380	2,190	6,050		3,040	4,820	13,310
Crusher Jaw [CB Jaw]	Height	mm	1,610	2,180	2,810	inch	63	86	111
	Width		1,120	1,440	2,350		44	57	93
	Opening		750	955	1,340		30	38	53
	Depth		610	820	1,100		24	32	43
	Blade Length		140	220	250		5.5	8.7	9.8
Scissors Jaw [X Jaw]	Height	mm	1,580	1,930	2,760	inch	62	76	109
	Width		1,050	1,500	1,850		41	59	73
	Opening		380	505	800		15.0	19.9	31.5
	Depth		415	545	955		16.3	21.5	37.6
	Eff. Length		354	450	780		13.9	17.7	30.7
Cutting Force [A, Throat]		M/T (Metric Ton)	526	1,604	3,597	lb (x1000)	1,157	3,529	7,912
Crushing Force CB Jaw	[B] Middle		142	357	678		313	784	1,492
	[C] Tip		82	201	374		181	441	823
Shearing Force X Jaw	[B] Apex		243	536	827		535	1,180	1,820
	[C] Tip	104	264	384	229	580	844		
Rated Pressure		bar		320	psi		4,600		
Rated Oil Flow		lpm	210	280	390	gpm	55	74	103
Hyd. Rotation	Pressure	bar		210		psi		3,000	
	Oil Flow	lpm	28~32	32~45	75~105	gpm	7~8	8~12	20~27
	Speed	RPM		10~15		RPM		10~15	
Cycle time	Open	sec	1.5	2.5	4.2	sec	1.5	2.5	4.2
	Close		1.4	2.3	5.4		1.4	2.3	5.4

Specifications subject to change without notice.

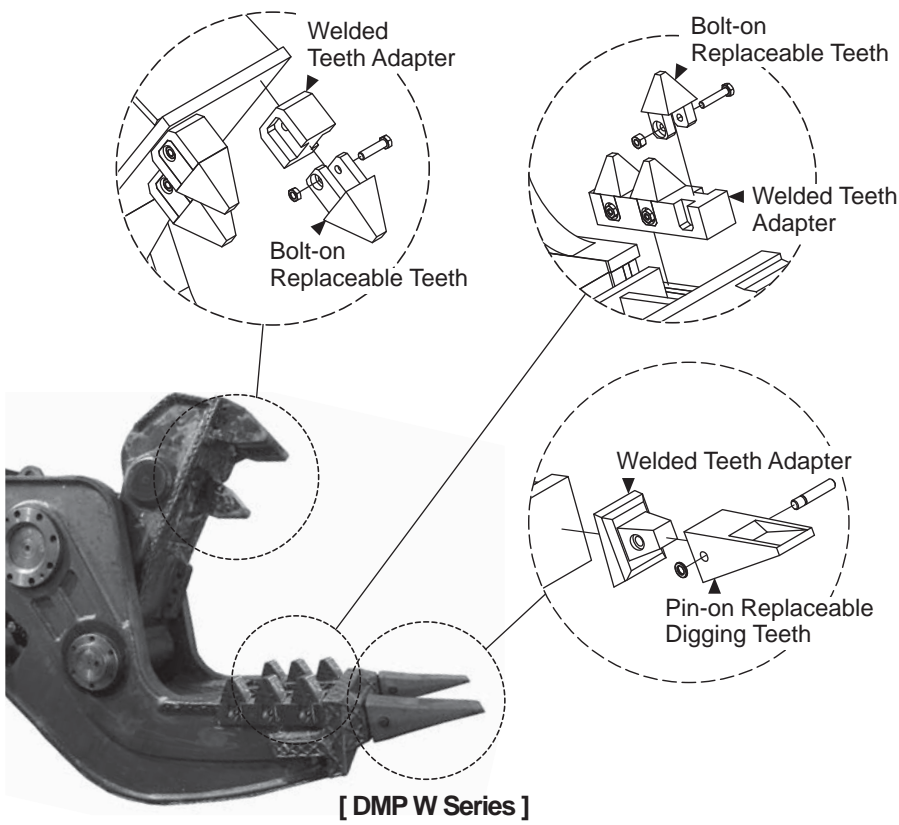
- R model comes with continuous 360degree hydraulic rotation.
- Height Dim. : Flat top mounting. Measured jaw fully closed.
- Width Dim. : Measured jaw wide open.
- Cutting Force [A] : At rebar blade benter
- Cycle time : Measured at rated flow under no load.

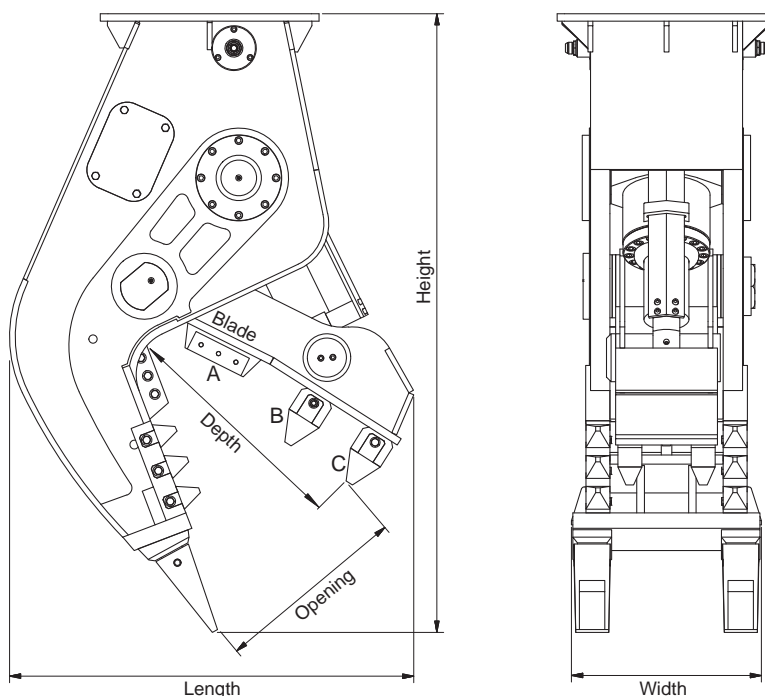
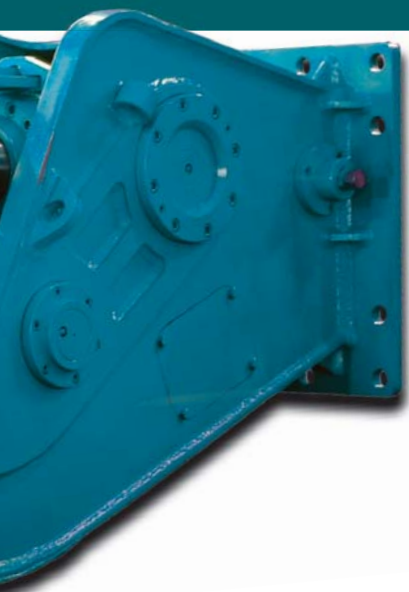
DMP-W Series Secondary Pulverizers

Designed secondary processing to remove rebar and size concrete.
 Rotation model, 360 degree hydraulic, increases productivity.
 Replaceable teeth reduce maintenance time and cost.



Teeth Comparison with DMP V Series





Model	Unit	DMP 10W	DMP 15W	DMP 15RW*	DMP 20RW*	DMP 25W	DMP 35W	Unit	DMP 10W	DMP 15W	DMP 15RW*	DMP 20RW*	DMP 25W	DMP 35W	
Carrier Weight	MT	7~12	10~20	12~20	20~30	23~40	35~45	M/T	7~12	10~20	12~20	20~30	23~40	35~45	
Operating Weight	kg	650	1,020	1,190	1,910	2,040	3,600	lb	1,430	2,240	2,620	4,200	4,490	7,920	
Jaw Opening	mm	660	780	780	910	925	1,190	inch	26	31	31	36	36	47	
Jaw Depth		680	820	820	865	870	1,100		27	32	32	34	34	43	
Blade Length		102	140	140	150	200	250		4.0	5.5	5.5	5.9	7.9	9.8	
Cutting Force [A]	MT (Metric Ton)	87	163	163	186	202	306	lb (X1000)	192	359	359	409	445	672	
Crushing Force		[B] Mid	34	67	67	84	95		132	74	147	147	185	209	291
		[C] Tip	21	42	42	54	62		98	46	93	93	119	137	216
Rated Pressure	bar	250	320					psi	3,600	4,600					
Rated Oil Flow	lpm	80	160		240		360	gpm	21	42		74		95	
DIM	Height	1,380 1,650 1,850 2,090 1,960 2,600						inch	54 65 73 82 77 102						
	Length	960 1,230 1,170 1,250 1,420 2,200							38 48 46 49 56 87						
	Width	355 436 520 520 540 830							14 17 20 20 21 33						
Hyd. Rotation	Pressure	bar	-	-	210	210	-	-	psi	-	-	3,000	3,000	-	-
	Oil Flow	lpm	-	-	28~32	40~45	-	-	gpm	-	-	7~8	10~14	-	-
	Speed	RPM	-	-	10~15	10~15	-	-	RPM	-	-	10~15	10~15	-	-
Cycle time	Open	sec	2.0	2.1	1.9	2.9	2.2	3.0	sec	2.0	2.1	1.9	2.9	2.2	3.0
	Close		2.6	1.9	1.8	3.0	1.9	3.1		2.6	1.9	1.8	3.0	1.9	3.1

Specifications subject to change without notice.

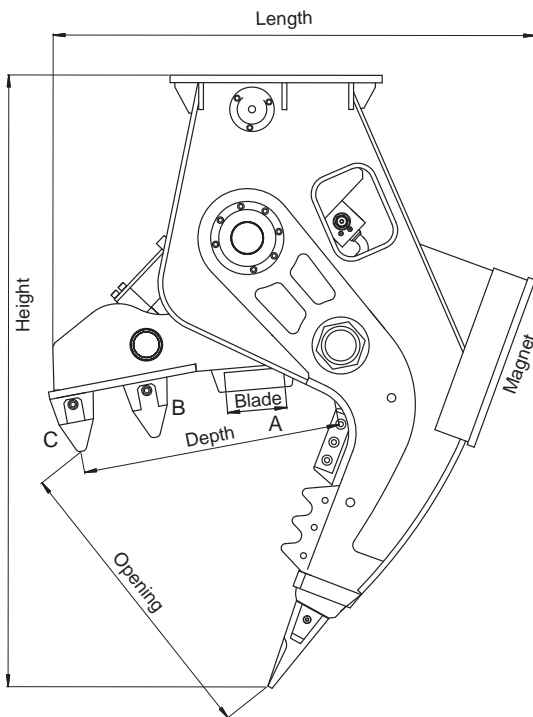
- R model comes come with continuous 360degree hydraulic rotation.
- Height : Flat Top Mounting
- Cycle Time : Measured at rated flow under no load.



Equipped with magnet, this perfect tool is designed to recycle concrete on site and separate rebar and light steel. Eliminates hand picking costs and makes for a safer work environment.

The electromagnet is powered by 24V DC from the carrier, and no additional power generator is required. (230V, 39A for generator is available)

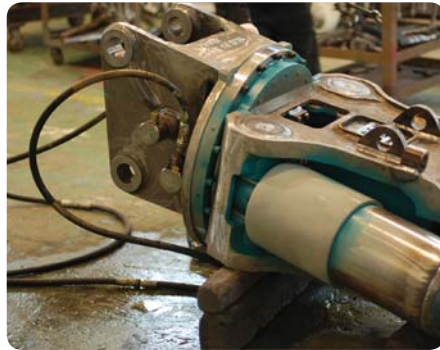
- Heavy duty compact design using high strength steel and high abrasion-resistant steel.
- Trunnion mounted cylinder provides a compact profile.
- Oversized speed valve reduces the cycle time and eliminates over flow issues.
- The widest jaw opening in its class.
- Replaceable four way turnable cutter blades.
- Replaceable bolt-on teeth and Replaceable digging teeth.



Specifications subject to change without notice.

- Height : Flat Top Mounting
- Cycle Time : Measured at rated flow under no load.
- Capacity : Tested with a block with no airgap.

Model	Unit	DMPI 15W	DMPI 25W	Unit	DMPI 15W	DMPI 25W
Carrier Weight	M/T	12~20	25~36	M/T	12~20	25~36
Operating Weight	kg	1,250	2,270	lb	2,750	4,990
Jaw Opening		780	925		30.7	36.4
Jaw Depth	mm	820	870	inch	32.3	34.3
Blade Length		140	200		5.5	7.9
Cutting Force [A]		163	202		359	445
Crushing Force	[B] Mid	67	95	lb (x1000)	147	209
	[C] Tip	42	62		93	137
Rated Pressure	bar	320		psi	4,600	
Rated Oil Flow	lpm	240	480	gpm	63	126
DIM	Height	1,650	1,960		65	77
	Length	1,390	1,580	inch	55	62
	Width	436	540		17	21
Cycle time	Open	1.4	1.3	sec	1.4	1.3
	Close	1.3	1.1		1.3	1.1
Magnet	Size	mm	500x500 or Ø600	inch	20x20 or Ø23	
	Voltage	V	24.0 ~ 28.0	V	24.0 ~ 28.0	
	Amp	A	34.0	A	34.0	
	Duty Ratio	%	Continuous	%	Continuous	
	Capacity	kg	1,150	lb	2,530	



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