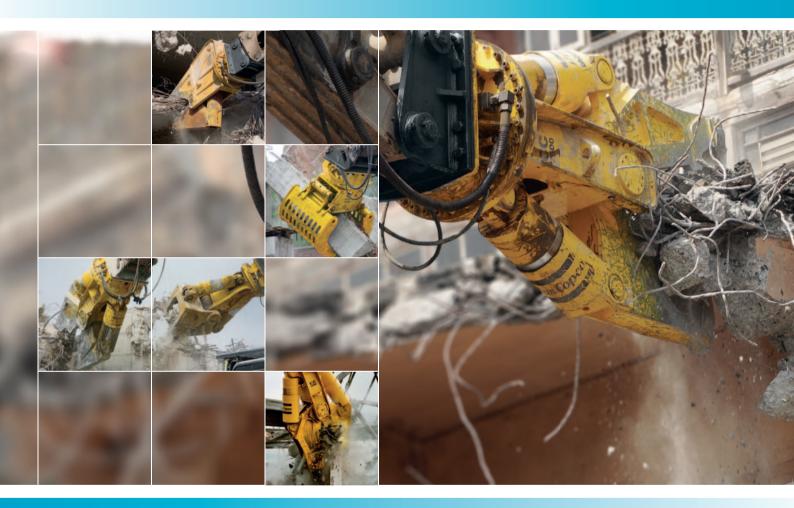
Atlas Copco silent demolition tools **Powerful, fast, cost-efficient**





Download a QR reader and scan the code for more information about Silent Demolition Tools.

Atlas Copco

Sustainable Productivity

Demolition tools for demanding jobs

Concrete production rose dramatically in the 50s and reached its high point at the start of the 70s. Based on an average service life of structures of 50 to 70 years there is a drastic increase in demolition waste in the first 20 years of this century. Sorting, loading and recycling can be an obligation but also an opportunity: with landfill costs rising, recycling building materials has become a profitable business.

EU demands for 70% recycling quota

The EU directive on waste management (Nov 2008) sets a recycling quota of 70% for construction and



demolition waste by year 2020. Take your share in this growing business with targeted machines and equipment that turn mechanised demolition into a fast, cost effective

Composition of a building depending on age

Specimen building 1900



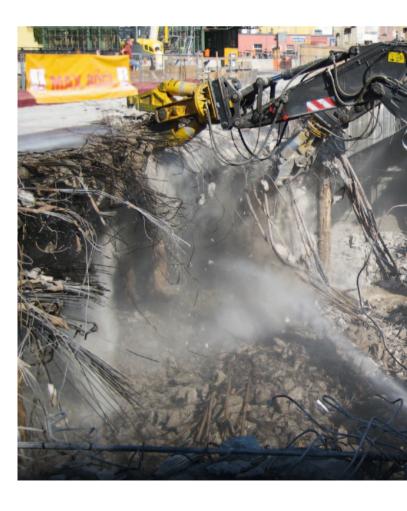
- MASONRY & BRICKWORK 60%
- SAND 18%
- WOOD 3 %

Specimen building 1970



- MASONRY & BRICKWORK 18%
- PLASTER & MORTAR 6%
- CONCRETE 67%
- W00D 1%
- STEEL 7%
- **INSULATION MATERIALS 1%**

and precision process. Wherever contractors need to minimize noise and vibration during demolition, guarantee high precision in selective demolition jobs, or deal with concrete, rebar and even steel girders in one and the same process, Atlas Copco's silent demolition tools provide the answer.



Powerful, fast and cost efficient

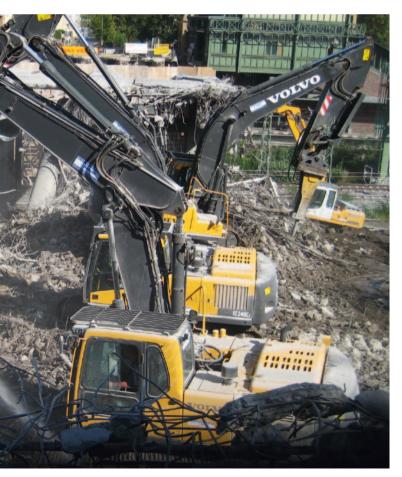
There's much to gain by breaking the material with only one bite instead of two. Atlas Copco silent demolition tools are designed for extremely high breaking force and short opening/closing time. This means: less machine-hours, less fuel consumption and less operator hours.

High availability, shift after shift after shift ...

The design of the entire product range is intended for intense and long-term use with high throughput performance and loads. Modular concepts, like the combi cutter concept, allow a usage as a general-purpose tool. Tailor-made maintenance kits help to keep service and maintenance times on a low level.

Give your productivity a strong power boost

Atlas Copco's combi cutters, pulverizers and grapples offer a great combination of high and constant crushing forces, short cycle times and high availability. For high precision in selective demolition and stripping out jobs they are fitted



as standard with 360° hydraulic rotary drives with overload protection. Their slim, application oriented design is as light as possible, but as robust as needed for rough and tough jobs.

Lowest cost of ownership

Total cost of ownership is the sum of all costs generated by a piece of equipment throughout its lifetime. They can normally be divided into investment costs and operating costs. Investment costs are fixed costs that normally represent a smaller part of the total cost involved. Operating costs are variable, they are directly related to the length of the equipment's lifetime and may vary depending on local conditions. The pie chart shows the average over the economic lifetime.

Atlas Copco always strives to use the required resources, like energy and manpower, in the most effective way. Our highly efficient and productive equipment contributes to profitable business.

COST OF OWNERSHIP



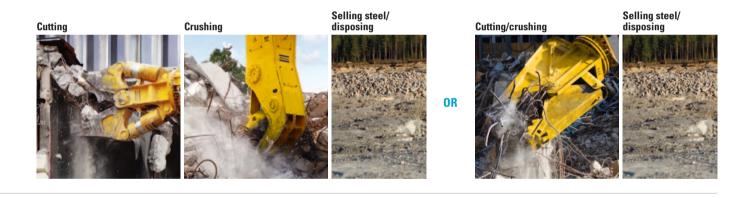
Example: CC 2500 on a 33 ton carrier in Germany, figures may vary depending on cutter and excavator type and country.

The right tool for every step of the process.

When it comes to demolishing buildings, there are two basic approaches: demolition with steel separation and waste disposal, or deconstruction with re-use of material. Demolition tools from Atlas Copco can be used in both methods, either on their own or in tandem.

Demolition - the conventional way with steel separation and disposal

In demolition with only partly separation of materials, the fabric of the building is destroyed and broken down into transportable sizes. The demolition rubble is a mixture of many materials which makes profitable recycling difficult. Companies benefit from selling steel but disposal cost is increasing and economic demolition calls for secondary reduction and separation of material for recycling and re-use.



Deconstruction - the competence process from demolition to recycling and re-use of material

All construction material is dismantled and sorted in accordance with their material composition. The main objective of this selective approach is to maximize the recyclability of the demolished materials. Since EU directives set a recycling quota of 70% for construction and demolition waste until 2020, it is evident to have a thorough process knowledge.



SELECTION GUIDE

Find the demolition tool that suits you

Atlas Copco's full range of hydraulic demolition tools covers the whole process from breaking and crushing to downsizing, sorting and loading.

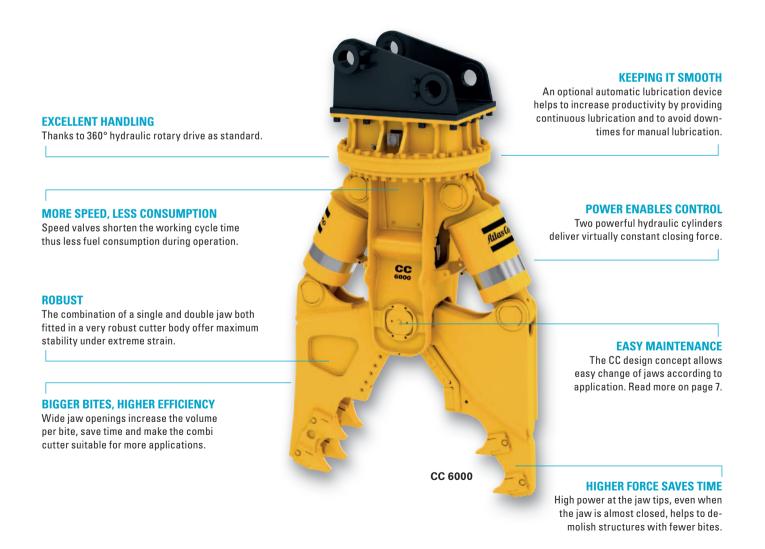
Reinforced concrete			CC U	CC S	CC MS	DP	BP	MG
	Primary demolition	Heavy foundations Prefabricated elements Floors	•	-	-	•		-
Stat!	Secondary demolition	Pillars Struts	•	-	-	•	•	-
	Separating rebars		-	-	-	•	•	-
Non-reinforced concrete								
	Primary demolition	Light foundations Bases Wall elements	•	-	-	•	-	-
	Wall elements	Plaster Flagstones	•	-	-	•	-	0
	Secondary demolition		•	-	-	•	•	-
Steel structures								
	Cutting steel profiles Cutting steel girders/beams	Double T-profile U-profile L-profile	-	•	•	-	-	-
		Tubes	-	•	•	-	-	-
	Cutting reinforcement		-	•	•	-	-	-
Light demolition								
	Soft buildings	Brickwork Autoclaved aerated concrete	•	-	-	-	-	•
A PART	Masonry	Natural stone Beams Timber	•	-	-	-	-	•
	Beams	Planks	•	-	-	-	-	
	Inside renovation		•	-	-	-	-	
Sorting & loading								
	Sorting	Bulk material	-	-	-	-	-	•
aren er	Waste handling		-	-	-	-	-	•
	Cleaning sites		-	-	-	-	-	•
	Loading		-	-	-	- iitable	-	• uitable

COMBI CUTTERS

Concrete and steel are no longer a challenge

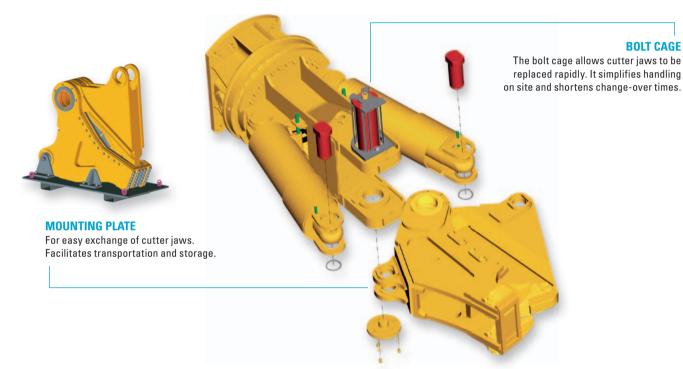
With the design of the new generation of combi cutters, the engineers have succeeded in developing a remarkable combination of high crushing force, short cycle times and a high dependability.

The CC combi cutters of the new generation are extremely productive and efficient attachments. They can be used for practically any kind of demolition work, from stripping demolition and reconstructing interior to heavy-duty industrial demolition and cutting steel profiles. Cutting jaws and wear parts are quickly and easily replaced on site.



Changing the jaws - a piece of cake

Thanks to CAPS, Coupling and Positioning System, the two cutter jaws can be fitted and removed as a modular unit. CAPS connects the jaws even after they have been removed and facilitates refitting through a special guide system. This means that it is possible to replace the cutter jaws quickly and easily on site, avoiding the need for time-consuming and costly transportation to a workshop.



APPLICATIONS FOR: THE U-VERSION (UNIVERSAL)

- Light- to medium-duty building demolition
- Heavy-duty industrial demolition (heavily reinforced concrete)
- Cutting steel profiles (general structural steels)
- Secondary reduction
- Material separation



Combi cutter U-version

THE S-VERSION (STEEL-CUTTING)

- Demolition of steel structures (general structural steels)
- Secondary reductionMaterial separation
- waterial separation

THE B-VERSION (BOX, ONLY FOR CC 3300)

- Light- to medium-duty building demolition
- Heavy-duty industrial demolition
 Laminary cutting of reinforced
- Laminary cutting of reinfol concrete

THE MS-VERSION (MOBILE SHEAR)

- Primary cutting of steel structures
- Cutting and sizing profiles, beams, frames & rebar



Combi cutter S-version



Combi cutter B-version



Combi cutter MS-version

MAINTENANCE

Keep your machines performing

An Atlas Copco silent demolition tool is more than just a tool - it's an overall concept which includes a full line of aftermarket products and services. Each product fits to the demolition tool perfectly and keeps it chewing and chewing.

Light-duty CCs.

The simple, solid design of our CC 350, CC 650 and CC 950 models makes them not only very light, but also extremely rugged and dependable. They are ideal for attachment to mini-excavators and simple to use.

Heavy-duty CCs.

All models from the CC 1700 upward are FEM-optimized to meet the toughest requirements. The stable cutter body features two powerful hydraulic cylinders, including highspeed valves for minimum cycle times. The modular design allows each unit to be equipped with different jaws, depending on the type of work to be accomplished.

LUBRICANTS

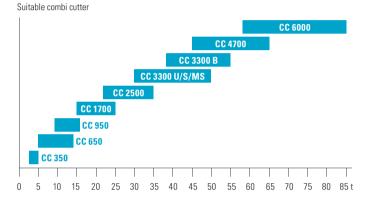
Genuine Atlas Copco greases are especially developed for equipment used in heavy-duty demolition work. They offer longer service life and availability of your equipment.

LUBRICANTS	PART NUMBER
High-performance grease 12 x 400 g	3363 0949 14
Grease gun for 400 g high-performance grease	0909 1071 00

MAINTENANCE KITS	BLADES	TEETH	SLIDERS
CC 1700 U	3363 0983 77	3363 0910 58	-
CC 1700 S	3363 0983 78	-	3363 0983 79
CC 2500 U	3363 0982 69	3363 0910 58	-
CC 2500 S	3363 0943 97	-	3363 0982 72
CC 3300 U	3363 0910 65	3363 0910 66	-
CC 3300 S	3363 0910 68	-	3363 0910 69
CC 4700 U	3363 1123 62	3363 1036 19	-
CC 4700 S	3363 1120 51	-	3363 1036 48
CC 6000 U	3363 1036 18	3363 1036 19	-
CC 6000 S	3363 1036 47	-	3363 1036 48

Carrier weight classes

This table provides a rough guide. For a perfect fit between carrier and attachment, contact your Atlas Copoc customer center or your local dealer.





COMBI CUTTERS		CC 1700	CC 2500	CC 3300	CC 4700	CC 6000
Part number	Jaw set, U-version	3363 0989 40	3363 0989 80	3363 1036 03	3363 1063 37	3363 1063 01
Part number	rt number Jaw set, S-version		363 0989 58 3363 0989 91 33		3363 1063 41	3363 1063 04
Part number	Jaw set, B-version	-	-	3363 1001 03	-	-
Part number Jaw set, MS-version		-	-	3363 1150 31	-	-
Part number	Bolt cage	3363 0946 47	3363 0945 42	3363 0946 48	3363 1063 09	3363 1063 09

COMBI CUTTERS		CC 350	CC 650	CC 950	CC 1700 U	CC 1700 S	CC 2500 U	CC 2500 S
Carrier weight class 1)	t	2.5-5	5-14	9-16	15-25	15-25	22-35	22-35
Service weight 2)	kg	320	630	920	1,900	1,750	2,840	2,550
Jaw opening / max.	mm	380	450	650	740	370	860	400
Jaw depth	mm	220	270	330	615	430	725	460
Blade length	mm	90	140	140	350	380	350	380
Cutting force - upper blades	t	-	-		22	225		70
Cutting force - jaw tip	t	-	-	-	-	79	-	130
Crushing force - jaw tip	t	40	45	55	57	-	90	-
Operating pressure	bar	300	350	350	3	50	35	50
Oil flow	l/min	50-90	90-180	90-180	150	-250	150-250	
Closing cycle 3)	sec.	2.4	3.4	3.8	1	.6	2	.9
Opening cycle 3)	sec.	2.8	2.6	3.0	1	.7	3.	.1
Max. operating pressure, rotation	bar	170	210	210	1	70	17	70
Oil flow, rotation	l/min	10	25	25	35-50		35	-50
Part number		3363 1124 47	3363 1042 21	3363 1119 49	3363 0935 41	3363 0935 51	3363 0937 51	3363 0932 01
Safety and Operating Instructions		3390 5128 01	3390 5	102 01	3390 5081 01			

Performance

L

DIN 1028

mm

250/250/24

T ⁴⁾	DIN 1025 T1	mm			240	280	240	300
1 ⁴⁾	DIN 1025 T2	mm			160	180	160	200
LJ ⁴⁾	DIN 1026	mm			220	300	240	320
L ⁴⁾	DIN 1028	mm			150/150/20	160/160/20	160/160/22	200/200/24
** Reinforcement	DIN EN 10080	mm	1xØ24	2xØ28	7xØ28	9xØ28	10xØ28	14xØ28

COMBI CUTTER	S		CC 3300 U	CC 3300 S	CC 3300 MS	CC 3300 B	CC 4700 U	CC 4700 S	CC 6000 U	CC 6000 S
Carrier weight class 1)	t	30-50	30-50	30-50	38-55	45-65	45-65	58-85	58-85
Service weight 2)		kg	3,480	3,280	3390	4,400	4,750	4,500	6,500	6,300
Jaw opening / max.		mm	1,000	440	590	570	1,300	710	1,400	750
Jaw depth		mm	765	625	610	660	1,080	860	1,150	900
Blade length		mm	525	525	620	705	525	875	525	875
Cutting force - upper	blades	t		5	j10		6	20	8	30
Cutting force - jaw tip)	t	-	141	141	-	-	198		205
Crushing force - jaw t	tip	t	109	-		145	155	-	180	-
Operating pressure bar				3	50		350		350	
Oil flow		l/min		220)-350		350-450		450-550	
Closing cycle 3)		sec.		2	2.8		3	.2		4
Opening cycle 3)		sec.			3		3	.7	4	
Max. operating press	ure, rotation	bar		1	70		1	15	1	15
Oil flow, rotation		l/min		35	5-50		5	i0	Ę	50
Part number			3363 0876 20	3363 0876 21	3363 1143 90	3363 1001 01	3363 0971 01	3363 0971 03	3363 0995 01	3363 0995 03
Safety and Operating Instructions			3390	5081 01			3390 5	5099 01		
Performance	Performance									
I ⁴⁾	DIN 1025 T1	mm	360	400	400	80	400	450	400	500
T ⁴⁾	DIN 1025 T2	mm	240	260	260	-	240	300	240	360
4) 4)	DIN 1026	mm	400	400	400	80	400	400	400	400

Second DIN EN 10080 18xØ28 20xØ28 20xØ28 10xØ28 13xØ32 15xØ32 18xØ32 20xØ32 mm

250/250/24

1) Weight apply to standard carriers only. Any variations must be agreed with Atlas Copco and/or the carrier manufacturer. 2) Combi Cutter with medium-sized adapter. 3) With max Oil flow. 4) Limitation of cutting steel. U = with universal jaws. S = with steel cutting jaws. B = box shape version. Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

250/250/24

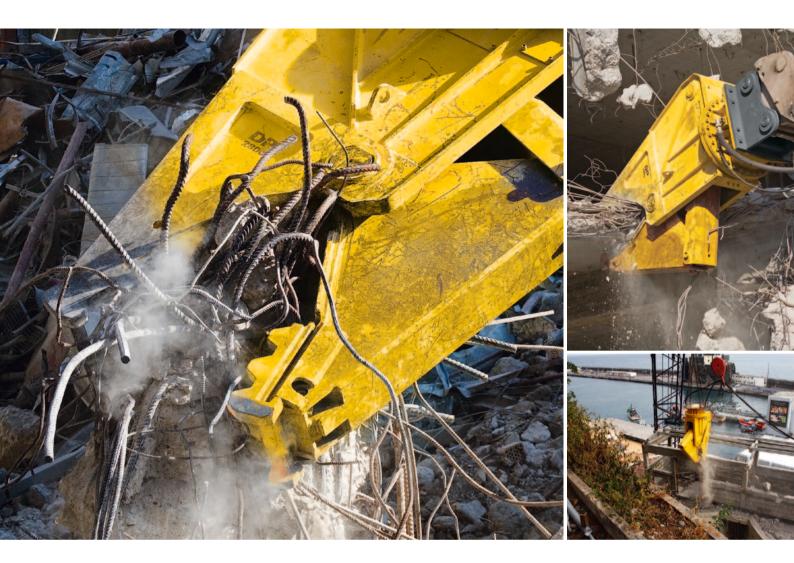
80/40/8

250/250/25

250/250/25

250/250/25

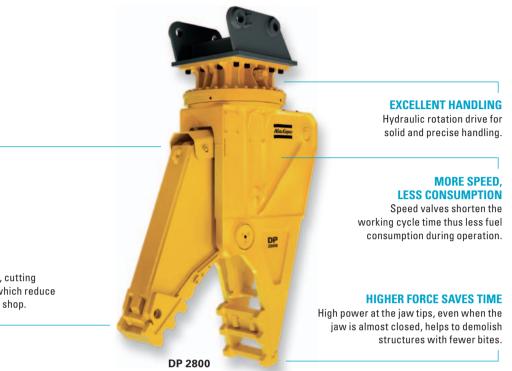
250/250/25



Combining demolition and pulverizing

Atlas Copco's demolition pulverizers, although conceived first and foremost for primary demolition of concrete and rebar, ideally combine the characteristics of a demolition attachment with an excavated material pulverizer. The universal use of the DP demolition pulverizer for concrete pulverization work in both primary and secondary demolition reduces both investment and operation costs.

DEMOLITION PULVERIZERS



LOWER COST OF OWNERSHIP

Extremely robust design of the moving jaw and the housing for longer service life even under extreme stresses.

NEW TEETH IN LESS TIME

Wear parts (crushing teeth, tooth plates, cutting blades) can be replaced simply on site, which reduce downtimes and transport costs to repair shop.

DEMOLITION PULVERIZER		DP 2000	DP 2800
Carrier weight class 1)	t	18-27	25-35
Service weight 2)	kg	2,070	2,930
Jaw opening / max.	mm	780	965
Jaw depth	mm	650	930
Blade length	mm	190	350
Cutting force - upper blades	t	265	320
Crushing force - jaw tip	t	85	100
Operating pressure	bar	350	350
Oil flow	l/min	150-250	250-350
Closing cycle 3)	sec.	4	4
Opening cycle ³⁾	sec.	4	4
Max. operating pressure, rotation	bar	170	170
Oil flow, rotation	l/min	35-50	35-50
Part number		3363 0974 01	3363 0925 01

1) Weight apply to standard carriers only. Any variations must be agreed with Atlas Copco and/or the carrier manufacturer. 2) Pulverizer with medium-sized adapter. 3) With max Oil flow. Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 3390 5078 01) at www.acprintshop.com

MAINTENANCE KITS	BLADES	TOOTH PLATE (housing)	TOOTH PLATE DEMOLITION (arm)	TOOTH PLATE Recycling	
DP 2000	3363 0982 62	3363 0982 63	3363 0982 64	3363 0989 65	
DP 2800	3363 0982 00	3363 0982 01	3363 0982 02	3363 0989 66	

Carrier weight classes

This table provides a rough guide. For a perfect fit between carrier and attachment, contact your Atlas Copco customer center or your local dealer.

Suitable pulverizer





Design follows function

Thanks to their angled shape, the Bulk Pulverizers are ideal for secondary demolition and additional reduction of reinforced concrete elements: the broad jaw makes it easy to feed in demolition material on the ground, which helps to speed up work and enables the clean separation of rebar and concrete and their subsequent reduction into grain sizes suitable for crushing or use as backfill. The optional hydraulic rotation drive also makes it possible to use the BP for a more efficient primary demolition of ceilings and walls. Another proof of a very functional design!

BULK PULVERIZERS

EXCELLENT HANDLING Optional hydraulic rotation drive

for solid and precise handling.

LOWER COST OF OWNERSHIP

Extremely robust design of the moving jaw and the housing for longer service life even under extreme stresses.

EFFICIENT DEMOLITION, BIG VOLUME

High power at the jaw tips, even when the jaw is almost closed, helps to demolish structures with less bites. Huge jaw dimensions for high throughput. MORE SPEED, LESS CONSUMPTION

SAVE TIME ON MAINTENANCE Simple replacement of wear parts for quick and easy maintenance.

Speed valves shorten the working cycle time thus less fuel consumption during operation.

BP 3050 R

BF

BULK PULVERIZER		BP 2050	BP 2050 R	BP 3050	BP 3050 R
Carrier weight class 1)	t	18 - 27	22 - 27	25 - 40	30 - 40
Service weight 2)	kg	2,050	2,600	3,050	3,850
Jaw opening / max	mm	875	875	1,000	1,000
Jaw depth	mm	610	610	650	650
Blade length	mm	190	190	190	190
Cutting force - upper blades	t	290	290	365	365
Crushing force - jaw tip	t	90	90	115	115
Operating pressure	bar	350	350	350	350
Oil flow	l/min	150 — 250	150-250	250-350	250-350
Closing cycling ³⁾	sec	2.5	2.5	2.7	2.7
Opening cycle 3)	sec	2.9	2.9	2.9	2.9
Max. operating pressure, rotation	bar	-	170	-	170
Oil flow, rotation	l/min	-	35-50	-	35-50
Min. inside diameter hoses and pipes		25	25	25	25
02000 DIN EN 10080	mm	1xØ28	1xØ28	1xØ38	1xØ38
Partnumber		3363 1115 84	3363 1119 73	3363 1117 15	3363 1119 60

1) Weight apply to standard carriers only. Any variations must be agreed with Atlas Copco and/or the carrier manufacturer. 2) Pulverizer with medium-sized adapter. 3) With max Oil flow. 4) Limitation of cutting steel. Important: More detailed technical

2) Purverizer with mealum-sized adapter. 3) with max UII now. 4) Limitation of cutting steel, important: wore detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

MAINTENANCE KITS		BLADES	TOOTH PLATE COMPLETE
	BP 2050 / 2050 R	3363 1124 63	3363 1124 64
	BP 3050 / BP 3050 R	3363 1124 65	3363 1124 68

Carrier weight classes

This table provides a rough guide. For a perfect fit between carrier and attachment, contact your Atlas Copco customer center or your local dealer.

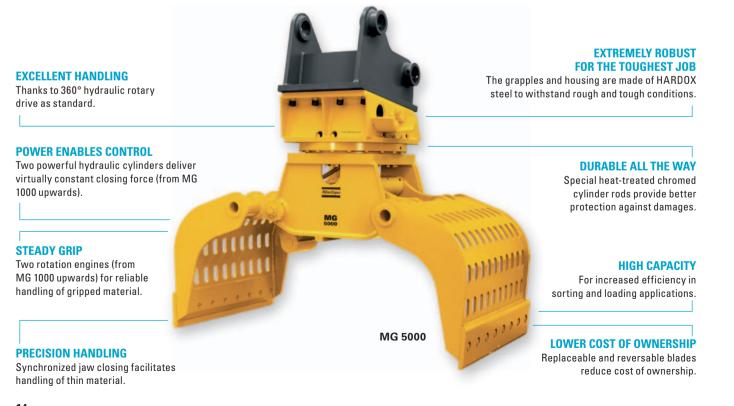
Suitable pulverizers





Sort and recycle all fractions

MG multi grapples complete Atlas Copco's range of silent demolition tools. The MG multi grapple line comprises 12 models, suitable for mounting on carriers of between 0.7 and 80 metric tons. Thanks to their particularly robust design, they are suitable both for sorting and loading demolished materials as well as for demolishing light buildings (masonry, wooden structures). Atlas Copco's multi grapple concept is offering low operating weight with high gripping volume. Maximum loading performance and high gripping force help to increase the demolition performance as well.



MULTI GRAPPLES



MAINTENANCE KITS	PART NUMBER
Set of blades MG 100	3363 1061 23
Set of blades MG 200	3363 1060 52
Set of blades MG 300	3363 1062 46
Set of blades MG 400	3363 1062 47
Set of blades MG 500	3363 0982 81
Set of blades MG 800 / MG 1000	3363 0982 82
Set of blades MG 1500	3363 0982 83
Set of blades MG 1800	3363 0982 84
Set of blades MG 2700	3363 0982 85
Set of blades MG 5000	3363 1036 88

Carrier weight classes

MG 400 MG 300

This table provides a rough guide. For a perfect fit between carrier and attachment, contact your Atlas Copco customer center or your local dealer. Suitable grapple

MG 5000 MG 2700 MG 2300 MG 1800 MG 1500 MG 1000 MG 800 MG 500

		i 200															
	MG 1	00															
0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85 t

MULTI GRAPPLES		MG 100	MG 100 MG 200		MG 400	MG 500	MG 800	
Carrier weight class 1)	t	0.7-1.2	1.2-3	2-5	4-8	5-9	10-16	
Service weight 2)	kg	90	175	290	450	460	825	
Max. closing force	t	0,6	1.5	2	2.3	2.4	3.8	
Oil flow, open / close	l/min	15	25	35	40	35-50	70-100	
Operating pressure, o / c	bar	300	300	300	300	300	350	
Rotary drive		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	
Oil flow, rotation	l/min	3-5	5-10	5-10	10-15	10-15	20-25	
Operating pressure, rotation	bar	150-170	150-170	150-170	150-170	150-170	190-210	
Capacity	1	30	70	100	150	200	400	
Jaw opening	mm	600	750	1,100	1,400	1,500	1,700	
Grapple width	mm	300	450	500	600	700	800	
Part number		3363 1036 50	3363 1036 51	3363 1036 52	3363 1036 53	3363 0982 20	3363 0982 21	

MULTI GRAPPLES		MG 1000 MG 1500		MG 1800	MG 2300	MG 2700	MG 5000	
Carrier weight class 1)	t	12-20	17-28	20-28	25-38	28-50	50-80	
Service weight 2)	kg	1,150	1,700	1,800	2,280	2,750	5,300	
Max. closing force	t	4.6	6.8	6.8	8	9	13	
Oil flow, open / close	l/min	85-120	120-170	150-170	160-180	180-200	280-300	
Operating pressure, o / c	bar	350	350	350	350	350	350	
Rotary drive		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	
Oil flow, rotation	l/min	20-25	30-35	30-35	30-35	30-35	50-60	
Operating pressure, rotation	bar	190-210	190-210	190-210	190-210	190-210	190-210	
Capacity	1	500	800	850	900	1,000	1,600	
Jaw opening	mm	1,950	2,100	2,100	2,250	2,230	3,000	
Grapple width mm		800	1,000	1,200	1,200	1,200	1,500	
Part number		3363 0982 22	3363 0982 23	3363 0982 24	3363 1124 62	3363 0982 25	3363 1036 55	

Data for MG 100 - MG 500 at 300 bar, MG 800 - MG 5000 at 350 bar operating pressure 1) Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment. 2) with medium-sized adapter, without extra blades. Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 3390 5068 01) at www.acprintshop.com

SUSTAINABLE PRODUCTIVITY

An investment in quality is an investment in sustainability and reliability. Intelligent engineering, top quality materials, first-class components and modern engines with low fuel consumption and emissions, contribute to long lasting machines with high trade-in values. To keep things that way and to maximize your uptime we provide reliable service whenever and wherever you need it. At the end of the day, you get the job done with good results. Atlas Copco's goal is to help you reduce maintenance, increase efficiency and keep life cycle costs down.

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

