



Cat[®] MP345

Multi-Processor

Cat[®] Multi-Processors accept multiple interchangeable jaws for a wide range of demolition tasks. Faster cycle times get your jobs done quicker. Greater power means taking on bigger jobs. Quick jaw change gives you the right tool for the task at hand, without slowing you down. All built on a durable, easy to maintain platform.

Cycle Times are 50 Percent Faster

- New speed booster technology dynamically shifts hydraulic force from speed to boost mode, automatically as you operate.
- You'll spend less time waiting for the jaw to open or close to contact, as the speed valve automatically adjusts to fast flow when there's no load.
- Maximum crushing/cutting force is applied as soon as the jaw contacts material.

Up to 19 Percent More Force

- Process more per hour, ship more per shift, make more every day. Speed booster magnifies hydraulic force when the jaw contacts material, quickly making the cut.
- Mount more power even on smaller excavators. Compact design keeps center of gravity as close as possible to the machine.
- Get maximum performance and total support with a complete Cat demolition solution. Programs for the MP are built into the Next Gen Cat operator display. Single point of support your entire system by your local Cat dealer.

Change Jaws in 15 minutes

- Innovative jaw locking enables a single operator to easily change jaws in 15 minutes or less. Requires only standard hand tools.
- Simple and safe jaw changes are part of the design. Every jaw sits stable, even on the roughest work site, on the included jaw stand.
- MP345 accepts these jaw types
 - Concrete Cutter – outer jaw cracks concrete; inner shear jaw cuts steel
 - Demolition – opens wide to crack the largest concrete structures
 - Pulverizer – crushes concrete, separating the rebar
 - Shear – cuts structural steel, pipe and cable

Durable and Maintainable

- Protect your investment and maintain performance, quickly and economically. Jaws are protected with easily changed, individually replaceable wear parts.
- Get more production time per cutter before replacement. Most cutting blades can be flipped in two ways, to use four different cutting edges.
- Even when deep into debris, the cylinder rod is armored to prevent damage and the main cylinder body is protected inside the housing.

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Appetite Guide

Model	Jaw Type	Concrete Thickness		I Beam		H Beam		Bar Square		Bar Round		Plate		Pipe	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
MP345	CC	850	33.5	450	17.7	280	11.0	70	2.8	80	3.1				
	D	950	37.4												
	P	750	29.5												
	S			500	19.7	340	13.4	75	3.0	85	3.3			406 × 10	16 × 0.4

Specifications

Model	Jaw Type	Cycle Time – Open sec.	Cycle Time – Close sec.	Crushing Force – Primary Cutter		Jaw Depth		Cutter Length		Jaw Opening – Maximum		Jaw Width – Fixed		Jaw Width – Moveable		Weight Frame + Jaw		Recommended Excavator Weight	
				kN	Sh. Ton	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	Max. tons	Min. tons
MP345	CC	1.9	1.4	5102	573.5	913	35.9	501	19.7	1023	40.3	509	20.0	187	7.4	4316	9,515	65	45
	D	1.9	1.4	5327	598.8	954	37.6	225	8.9	1183	46.6	187	7.4	187	7.4	4537	10,002	65	45
	P	1.9	1.4	5616	631.3	868	34.2	225	8.9	938	36.9	579	22.8	427	16.8	4579	10,095	65	45
	S	1.9	1.4	8463	951.3	744	29.3	579	22.8	500	19.7	434	17.1	146	5.7	4320	9,524	65	45

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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GEHQ9260-01 (11-2018)
Replaces GEHQ9260
(Global)

