



Cat[®] MP318, MP324 Multi-Processors

HYDRAULIC EXCAVATORS



Americas North



P (Pulverizer) Jaw

Pulverizer jaws demolish and reduce the concrete of smaller structures in a single step, separating rebar from concrete and reducing concrete to small, ready-to-recycle chunks. That saves time by eliminating the need for further secondary processing before recycling.

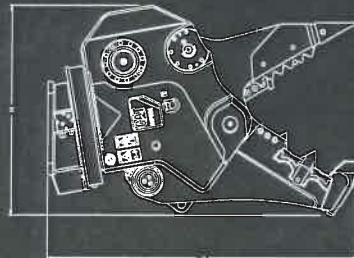
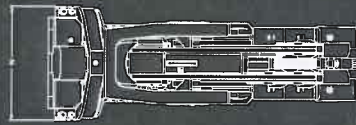
The jaw set has replaceable crusher teeth on the upper jaw that easily crack thick concrete and shatter it. Reversible blades with a balanced hardness and yield/tensile strength keep blade wear at a minimum, while replaceable wear plates protect the base metal of the jaw. The lower jaw crushing bars, two on each side, are also replaceable and can be interchanged to prolong life.



Weight and Dimensions

	MP318	MP324
Width (W)	mm 793	793
Height (H)	mm 1307	1466
Length (L)	mm 2006	2178
Weight* housing, jaw	kg 2030	2740
Weight jaw	kg 850	1160
Jaw Depth	mm 670	760
Max. Jaw opening	mm 820	970
Tooth tip (A)	t 75	105
Cutter tip / tooth (B)	t 110	150
Primary cutter (C)	t 250	340

*Weight excluding bracket

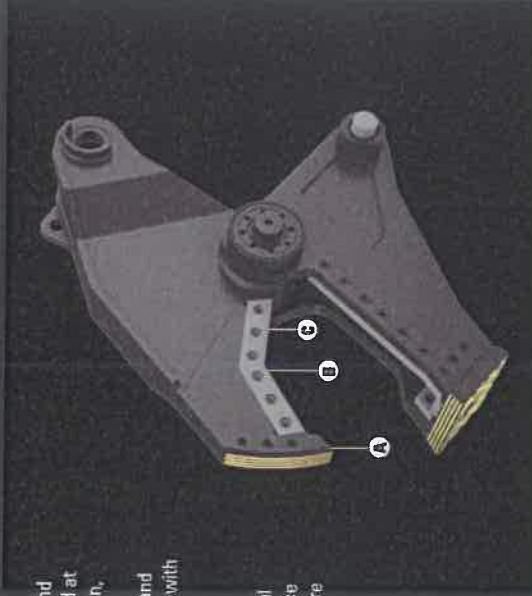


S (Shear) Jaw

The new Shear jaw is designed to better cut and reduce the size of metal items commonly found at demolition sites, such as steel plates, angle iron, channel iron, H-beams, pipes, rebar and tires. The S-jaw features a replaceable piercing tip and wear blade in the upper jaw and a cross blade with additional guiding blade in the lower jaw.

The straight lower jaw works with the apex of the upper jaw, compressing and flattening steel before the cut. It also maximises the shear force and creates a more efficient cut. The cutters are attached using bolts, and easily replaced.

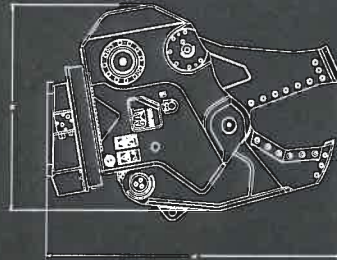
Reversible blades with a balanced hardness and yield/tensile strength keep blade wear to a minimum.



Weight and Dimensions

	MP318	MP324
Width (W)	mm 793	793
Height (H)	mm 1298	1419
Length (L)	mm 1897	2082
Weight* housing, jaw	kg 1840	2530
Weight jaw	kg 660	940
Jaw Depth	mm 500	620
Max. Jaw opening	mm 350	400
Tooth tip (A)	t 100	130
Cutter tip / tooth (B)	t 170 approx	230 apex
Primary cutter (C)	t 370 throat	390 throat

*Weight excluding bracket

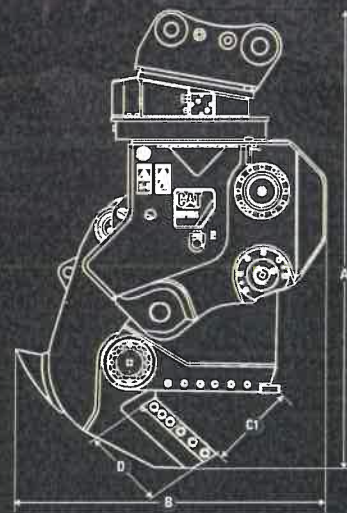
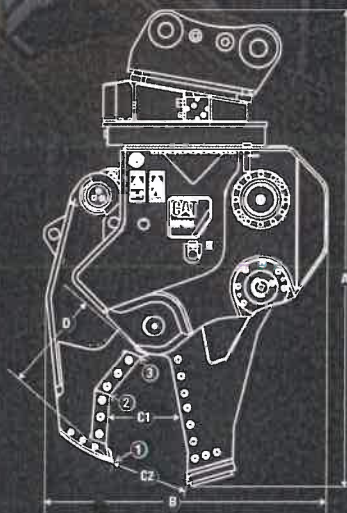
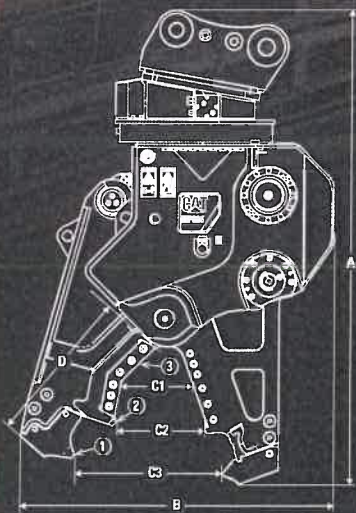




Concrete Cutter (CC) Jaw

Shear (S) Jaw

Tank Shear (TS) Jaw



MP324

		Demolition (D)	Pulverizer (P)	Universal (U)	Concrete Cutter (CC)	Shear (S)	Tank Shear (TS)	
Cat carrier match*		24-336, 300-365 UHD and Apex 70-100						
Dimensions								
A	Length	mm (in)	2,079 (81.9)	2,183 (85.9)	2,194 (86.4)	2,133 (84.0)	2,082 (82.0)	2,129 (83.8)
B	Height	mm (in)	1,593 (62.7)	1,466 (57.7)	1,454 (57.6)	1,485 (58.5)	1,419 (55.9)	1,571 (61.9)
	Width	mm (in)	793 (31.2)	793 (31.2)	793 (31.2)	793 (31.2)	793 (31.2)	793 (31.2)
	Jaw width, fixed	mm (in)	132 (5.2)	519 (20.4)	454 (17.9)	344 (13.5)	312 (12.3)	286 (11.3)
	Jaw width, movable	mm (in)	132 (5.2)	337 (13.3)	235 (9.3)	122 (4.8)	93 (3.7)	120 (4.7)
C1	Jaw Opening 1	mm (in)	365 (14.4)	330 (13.0)	422 (16.6)	380 (15.0)	368 (14.5)	485 (19.1)
C2	Jaw Opening 2	mm (in)	677 (26.7)	588 (23.1)	642 (25.3)	513 (20.2)	394 (15.5)	-
C3	Jaw Opening 3	mm (in)	903 (35.6)	965 (38.0)	-	826 (32.5)	-	-
D	Jaw depth	mm (in)	756 (29.8)	764 (30.1)	680 (26.8)	753 (29.6)	610 (24.0)	490 (19.3)
	Cutter Length	mm (in)	191 (7.5)	200 (7.9)	526 (20.7)	439 (17.3)	496 (19.5)	439 (17.3)
Specifications								
	Weight, Jaw and Housing	kg (lb)	2,587 (5,911)	2,826 (6,217)	2,735 (6,017)	2,661 (5,854)	2,576 (5,667)	2,761 (6,074)
	Weight, Jaw	kg (lb)	1,061 (2,334)	1,200 (2,640)	1,109 (2,440)	1,035 (2,277)	950 (2,090)	1,135 (2,497)
	Cycle Time	seconds	3	3	3	3	3	3
1	Closing Force, Tooth Tip	kN (st)	1,002 (112.6)	971 (109.1)	1,013 (121.7)	1,005 (112.7)	1,285 (144.4)	1,507 (169.3)
2	Closing Force, Cutter Tip	kN (st)	1,427 (160.3)	1,449 (162.8)	1,724 (193.7)	1,520 (170.8)	2,214 (248.8)	2,109 (236.0)
3	Closing Force, Primary Cutter	kN (st)	3,308 (371.7)	3,277 (368.2)	3,386 (380.5)	3,202 (359.8)	5,193 (606.0)	3,176 (446.8)

Contact your local Cat dealer to choose the right multi-processor for your machine's configuration.