



Cat[®] Secondary Pulverizers

EXCAVATORS

FEATURES:

Ideal for Pulverizing Concrete Debris

- P200 series Pulverizers are an excellent choice for recyclers who need to pre-crush and prepare concrete for fine crushing. They are an excellent Work Tool attachment for secondary demolition.
- Concrete chunks produced during demolition of concrete structures can be fine-crushed at the source. Concrete is separated from rebar and reduced to 2" or smaller. Rebar can then be sold for scrap; concrete reused, fine crushed or conveniently disposed. Separating and reducing size lessens transport volume and saves dumping and transportation expenses.

High Production & Performance

- Cat[®] Pulverizers feature wide jaws with pick-up tips, large opening, reversible cutting edges and fast closing times. The straight, non-rotating design is lighter than a rotating tool; producing higher force per unit weight than other demolition tools.

- Cat Pulverizers work well with the Center-Lock™ pin grabber coupler. Quick change between attachments maximizes excavator use during crush and load applications with portable crusher, or on site working fill.

Easily Maintained, Long Service Life

- Teeth and blades are replaceable. Teeth can be replaced individually—according to wear.
- Hydraulics are easily accessible through bolted hatches.
- Knives, teeth and shims are common with those used in the Cat Multi-processor. This simplifies parts stocking.
- Cat Work Tool attachments are designed to last. Parts are machined and forged, wear protection and stress relief plates are the norm, hydraulic cylinder is fully protected—all for a long lifetime of low cost production.

Optimized Stability & Productivity

- Cat Pulverizers are designed for Cat machines—taking full advantage of the hydraulic flows and pressures to enhance productivity without compromising safety or causing premature wear of the attachment or the carrier.

Secondary Pulverizer / Hydraulic Excavator Compatibility

The P215, P225 and P235 can be stick-mounted to 315–349 excavators.*
Contact your local Cat dealer for specific machine configurations.

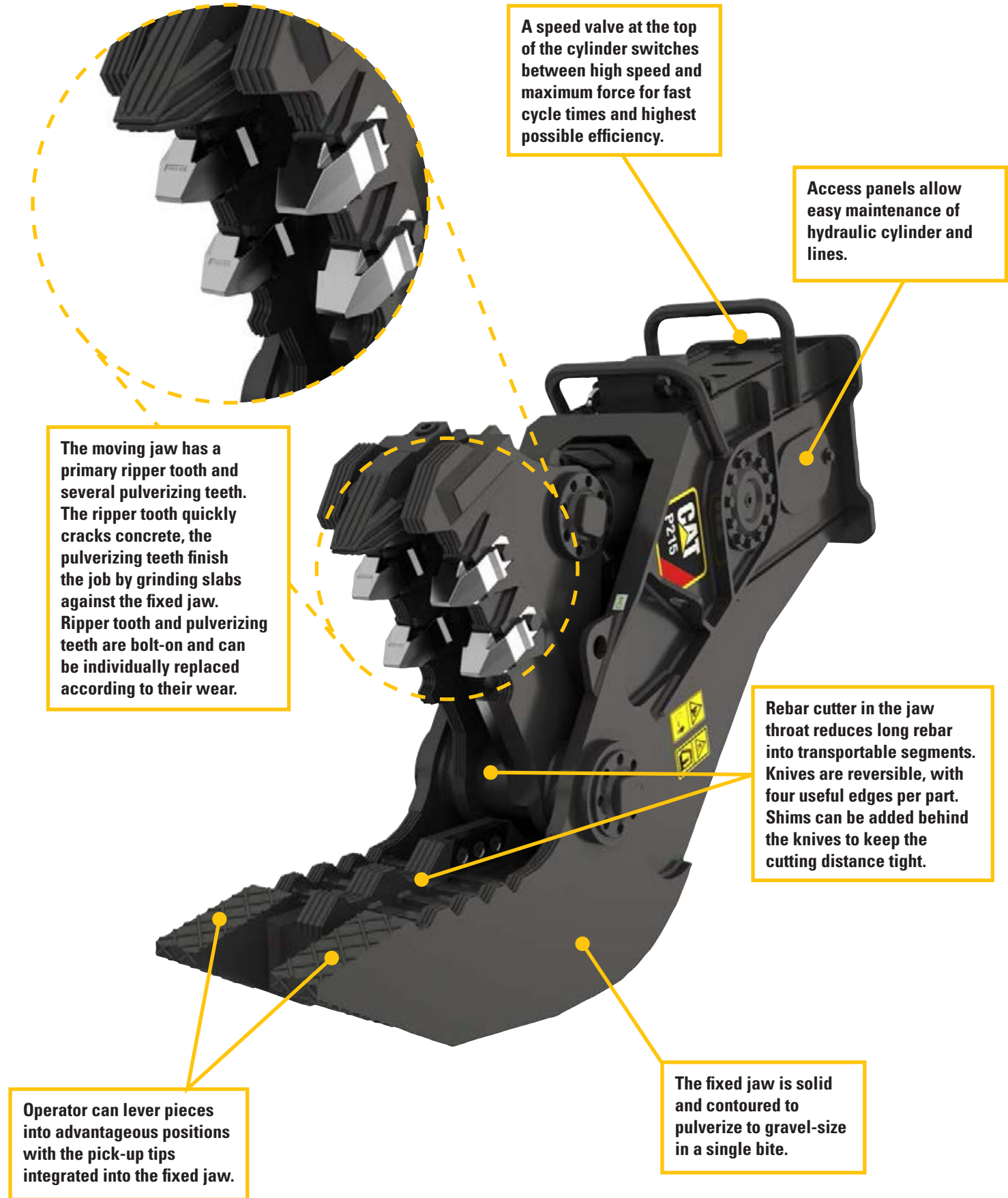
Model	Machines
P215	315, 319, 320, 321, 324, M315, M316, M318, M322
P225	324, 328, 329, 336
P235	329, 336, 345, 349

*Pulverizer and machine offering can vary by region. Please contact your Cat dealer for more information.



Cat Secondary Pulverizers

High Production, Easily Maintained



A speed valve at the top of the cylinder switches between high speed and maximum force for fast cycle times and highest possible efficiency.

Access panels allow easy maintenance of hydraulic cylinder and lines.

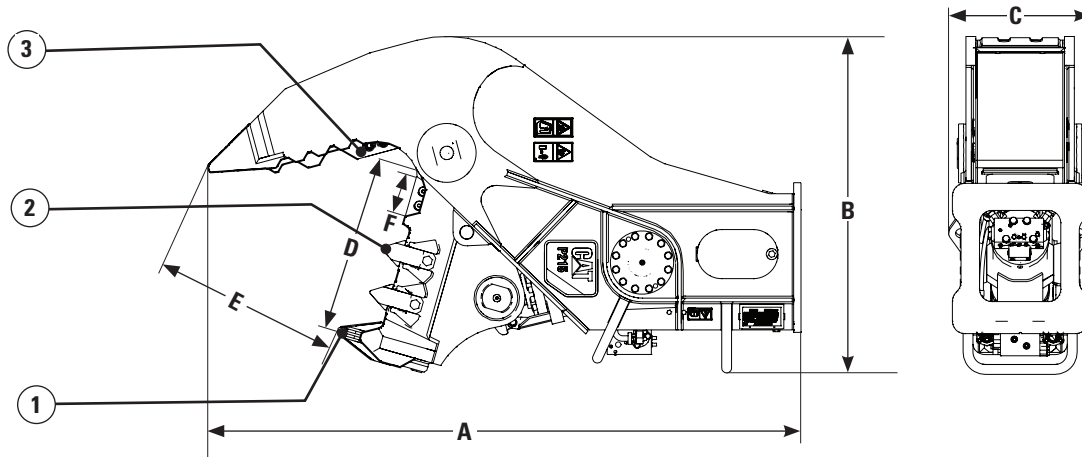
The moving jaw has a primary ripper tooth and several pulverizing teeth. The ripper tooth quickly cracks concrete, the pulverizing teeth finish the job by grinding slabs against the fixed jaw. Ripper tooth and pulverizing teeth are bolt-on and can be individually replaced according to their wear.

Rebar cutter in the jaw throat reduces long rebar into transportable segments. Knives are reversible, with four useful edges per part. Shims can be added behind the knives to keep the cutting distance tight.

Operator can lever pieces into advantageous positions with the pick-up tips integrated into the fixed jaw.

The fixed jaw is solid and contoured to pulverize to gravel-size in a single bite.

Specifications



			P215		P225		P235	
Recommended carrier weight, stick-mounted	t	(lb)	15–25	(33,069–55,115)	25–35	(55,115–77,162)	35–60	(77,162–132,277)
Weight*	kg	(lb)	1,683	(3,710)	2,480	(5,467)	3,421	(7,542)
A Length	mm	(in)	2,414	(95.04)	2,615	(102.95)	3046	(119.92)
B Height	mm	(in)	1,372	(54.01)	1678	(66.06)	1953	(76.89)
C Width	mm	(in)	580	(22.83)	624	(24.57)	708	(27.87)
Jaw width, fixed	mm	(in)	440	(17.32)	500	(19.68)	580	(22.83)
Jaw width, moving	mm	(in)	340	(13.39)	360	(14.17)	420	(16.54)
D Jaw depth	mm	(in)	722	(28.43)	899	(35.39)	1103	(43.43)
E Jaw opening	mm	(in)	838	(32.99)	1018	(40.08)	1214	(47.80)
F Cutter length	mm	(in)	200	(7.87)	260	(10.24)	260	(10.24)
Cycle time, close	seconds		2.3		2.6		3.2	
Cycle time, open	seconds		3.8		5.4		4.6	
Hydraulic requirements								
Maximum pressure crushing/cutting	kPa	(psi)	350	(50.76)	350	(50.76)	350	(50.76)
Optimum flow crushing/cutting	l/min	(gpm)	150	(39.63)	200	(52.83)	300	(79.25)
Return flow	l/min	(gpm)	240	(63.40)	295	(77.93)	510	(134.73)

* Weight excludes mounting bracket

Crushing Capability

Crushing force

1 At ripping tooth	t	(st)	66	(73)	97	(107)	120	(132)
2 At tooth tip	t	(st)	119	(131)	174	(192)	190	(209)

Cutting force

3 At primary cutter	t	(st)	230	(254)	331	(365)	393	(433)
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Crushing capacity

Concrete thickness**	mm	(in)	650	(25.59)	750	(29.53)	900	(35.43)
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**Concrete thickness provides an indication of the jaw's crushing capability. Exact crushing capability depends on excavator size, operation pressure and performance, the type and amount of rebar, condition of the concrete, condition of jaw, knives and crushing teeth.

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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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