



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

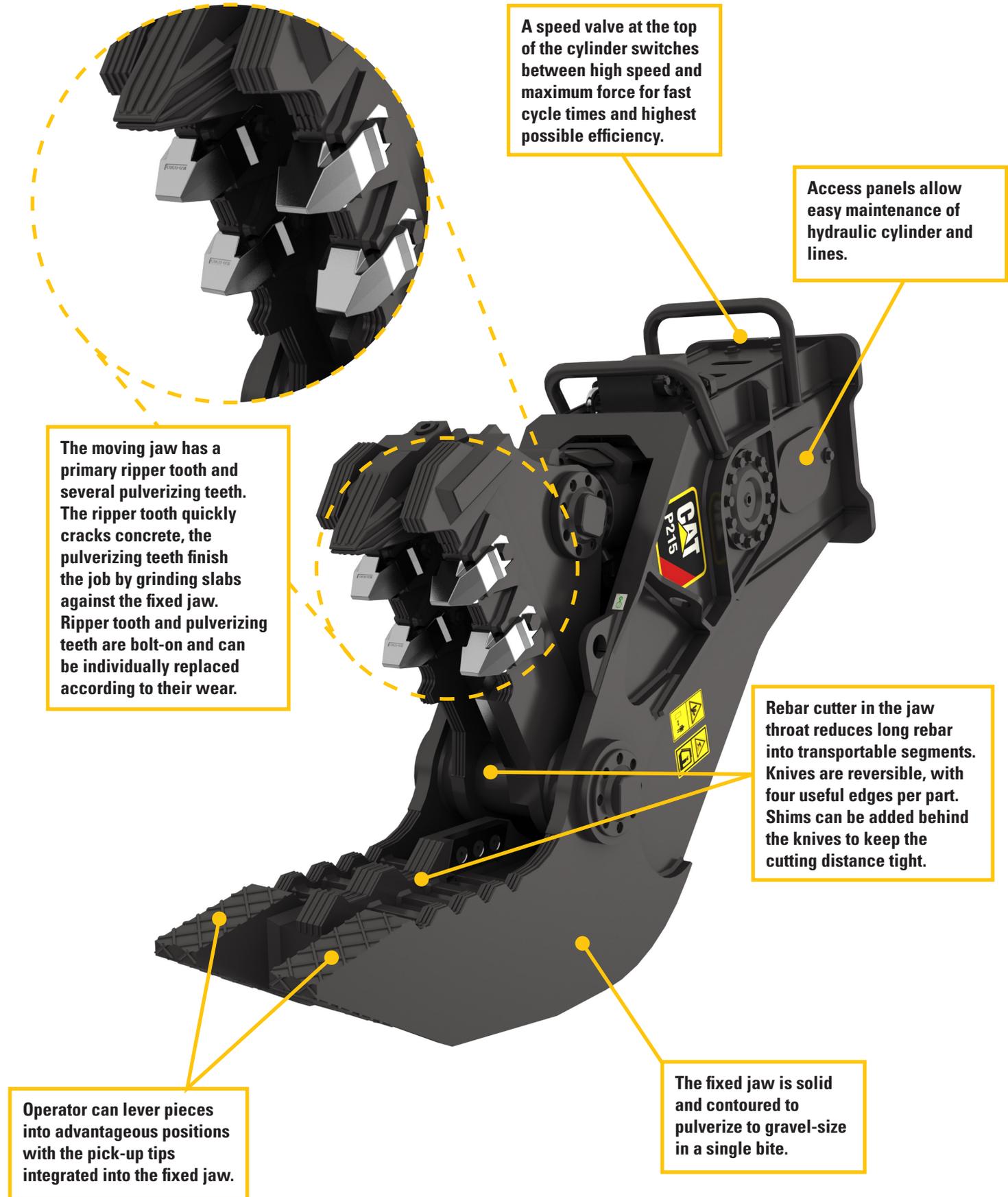
The P215, P225 and P235 can be stick-mounted to 315–349 excavators. Contact your local Cat dealer for specific machine configurations.

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



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.

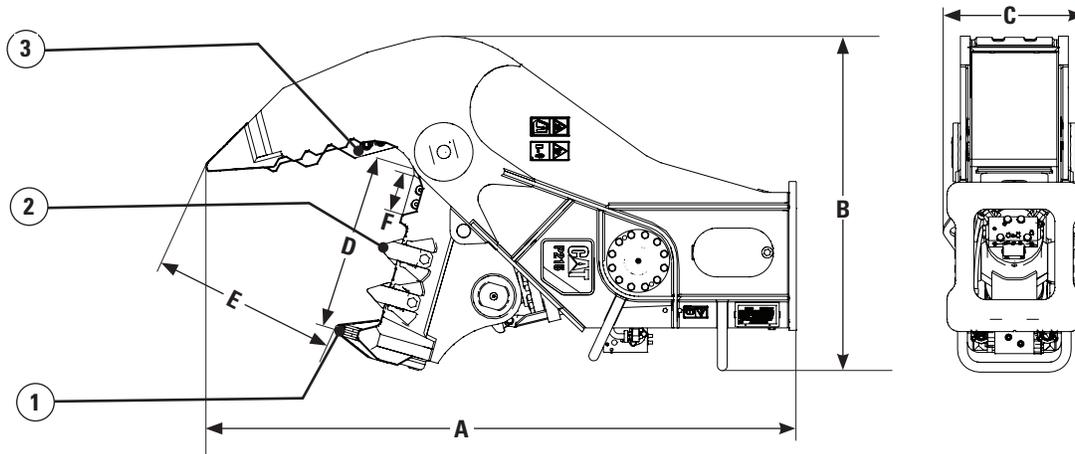
The moving jaw has a primary ripper tooth and several pulverizing teeth. The ripper tooth quickly cracks concrete, the pulverizing teeth finish the job by grinding slabs against the fixed jaw. Ripper tooth and pulverizing teeth are bolt-on and can be individually replaced according to their wear.

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.

Cat Secondary Pulverizers

More Work Tool Attachments for Excavators

Caterpillar offers a complete range of Work Tool attachments for excavators.



Compactors

Cat Compactors are available in four models (CVP16, CVP40, CVP75 and CVP110) for excavators up to 336 size.



Scrap & Demolition Shears

Scrap & Demolition Shears with 360° rotation are available in six models and can be used on 303.5 to 390 size excavators.



Multi-Processors

Multi-Processors are available in four models (MP15, MP20, MP30 and MP40) with six different jaw options. They are available for 319–390 size excavators.



Hammers

Cat Hammers are available in models ranging from H35 through H180 and can be used on excavators up to 374 size.



Grapples

Grapples are available two different styles and a range of sizes for 307 to 390 size excavators.



Rippers

Rippers are available for 315 size excavators and up.



Rakes

Rakes are available for 320 through 336 size excavators.



Couplers

Cat Center-Lock Pin Grabber Coupler is available for 311 to 390 size excavators.



Buckets

Buckets are available in four standard durabilities, and several specialty styles for 311 to 390 size excavators.

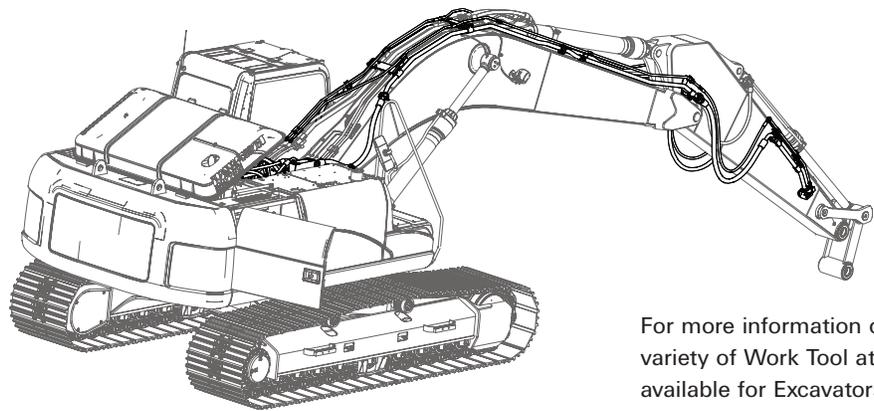


Thumbs

Cat thumbs are the perfect complement to a Cat Bucket. They are ideal for use on construction, forestry, demolition and land clear jobs. Hydraulic and Stiff Link Thumbs are available for 311–349 excavators.

Hydraulic Solutions

- Caterpillar provides field-installed hydraulic kits connecting Work Tool attachments to current and non-current excavators.
- Compatibility and performance with the Cat Work Tool attachments and Cat excavator is guaranteed.
- Available for 311–390 excavators.



For more information on the variety of Work Tool attachments available for Excavators contact your local Cat dealer.



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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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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