

# P315, P325, P335, P360

## Multi-functional Concrete Crusher for Hydraulic Excavators



### Features

Multi-functional operation

High force-to-weight ratio

Enhanced performance

Optimized serviceability

Long lifetime

### Benefits

The hydraulic concrete crusher has taken modern demolition technology a step further. This equipment substantially limits the amount of vibration and noise released. It is well suited for concrete demolition in residential areas. The hydraulic concrete crusher combines several concrete demolition operations in one piece of equipment:

- breaking out concrete from fixed structures
- pulverizing concrete
- cutting reinforcement rods and small steel profiles

The multi-functional hydraulic crusher's special cylinder position allows it to maintain the same power with significantly lower weight. As a result of the cleverly designed jaws and teeth, as well as the specially positioned teeth, this compact tool demolishes crushes and cuts concrete instantly. It can easily take on any concrete structure.

The concrete crusher is a highly productive crusher. The ripper tooth splits concrete instantly and the large amount of crusher teeth have a large pulverizing effect. Quick positioning is possible due to the universal rotator head (360°) and the large and wide jaw opening will cater to processing high volumes of concrete. The P300-series features a speed valve as standard, which enables cutting/crushing with great force and in even shorter cycle times.

Ease of service has been a design principle from the beginning. The teeth and blades are replaceable and the hydraulics is easy accessible through bolted hatches. A stock of wear parts secures that down-time will be kept to a minimum.

Cat Work Tools are designed to last long. Precision machined and forged parts, wear protection and stress relieving plates as well as the fully protected hydraulic cylinder secure a lifetime that will enhance savings in time and cost.

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# Multi-functional Concrete Crusher

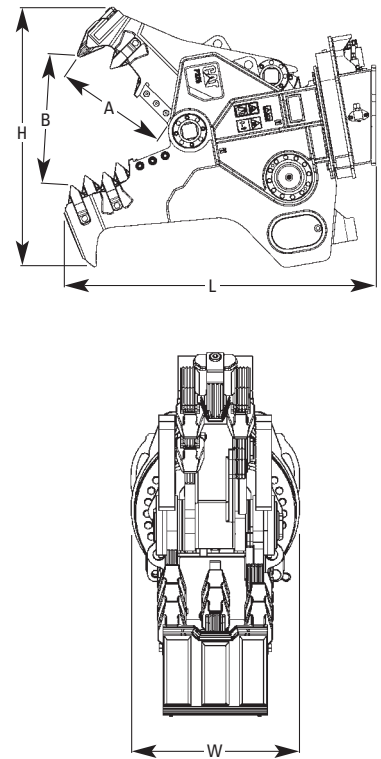
## Specifications and Dimensions

		P315	P325	P335	P360
Recommended carrier weight					
Stick mounted	t	15-25	25-35	35-60	60-85
Weight*	kg	1890	2550	3550	5230
Closing force at tooth tip	t	90	125	160	210
at primary cutter	t	190	295	355	455
Length (L)	mm	1927	2060	2398	2737
Height (H)	mm	1543	1710	1897	2312
Width (W)	mm	793	793	1010	1180
Jaw depth (A)	mm	657	753	877	933
Jaw opening (B)	mm	731	855	983	1201
Cutter length	mm	200	260	350	350
Max. pressure crushing/cutting	bar	350	350	350	350
Max. pressure rotating	bar	140	140	140	140
Flow optimum crushing/cutting	l/min	150	200	300	400
Flow optimum rotating	l/min	40	40	40	80
Time to close	sec	2	2	2.5	3
Time to open	sec	3	4	4	4
Crushing capacity					
Concrete thickness**	mm	550	650	800	950

\* Weight excludes mounting bracket.

\*\* The concrete thickness provides an indication of the crushing capability. The exact crushing capability depends on excavator operation pressure and performance, on the tip and amount of rebar, and on the condition of the concrete, jaws and cutters.

The P300 work tool can also be installed on non-Cat carriers in the listed weight classes by installing a mounting bracket with the right pin-on ears, or with hinges to fit the dedicated CW quick coupler.



## Hydraulic Requirements

Two way hydraulic high pressure lines for opening / closing and two way hydraulic medium pressure lines for rotation controlled by joystick or pedal in the cab according to customer's choice

## Matching Guide Multi-functional Concrete Crusher

Work Tool	Hydraulic Excavators
P315	315C/D, 318C, 319C/D, 320B/C/D, 322B/C, 323D, 324D, 325B/C, 325UHD C/D, 330UHD B/C/D, 345UHD B/C, 385UHD B/C
P325	320D, 322B/C, 324D, 325B/C/D, 329D, 330B/C/D, 336D, 325UHD C/D, 330UHD B/C/D, 345UHD C, 365UHD B/C, 385UHD B/C
P335	325B/C/D, 329D, 330B/C/D, 336D, 345B/C, 365UHD BII/C, 385 UHD B/C
P360	345B/C, 365B/C, 385B/C

When choosing between various work tool models that can be installed onto the same machine configuration, consider work tool application, productivity requirements, and durability. Refer to work tool specifications for application recommendations and productivity information.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

HEHX3980 (03/2009) hr

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