



**BREAKER
TECHNOLOGY,
INC.**

an Astec company

MCP SERIES Hydraulic Pulverizers

Rugged yet lightweight, Breaker Technology's MCP Series of hydraulic pulverizers are the perfect tools for secondary demolition and recycling of concrete.

Features & Benefits

The MCP Series of hydraulic pulverizers can be used to demolish concrete floors or low walls. They provide benefits of low noise and vibration, good fragmentation and good separation of steel wire from concrete material. Crushed concrete can be utilized as aggregate material and recycled steel can be sold to the steel mill industry.

Fast

A unique speed valve provides a faster cycle time than most competitors.

Cutting Blades

Two replaceable cutters allow reinforcing steel to be cut.

Large Diameter Hydraulic Cylinder

provides maximum force and is simple to maintain. No hydraulic intensifier is required.

Ripper Shape Design

allows the operator to easily grab material on the ground or in the pile.

High Quality Material

The entire structure, excluding the top mounting bracket, is fabricated from a special steel to provide maximum strength and abrasion resistance. The crushing teeth can be easily built up and hard-faced as required.

Fixed Jaw is Open

to allow material to pass through and increase production.

Fixed Mounting

versus rotational allows for handling of loads that are not centered.



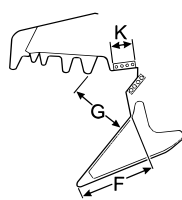
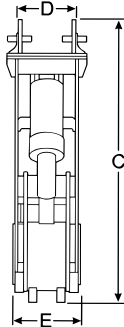
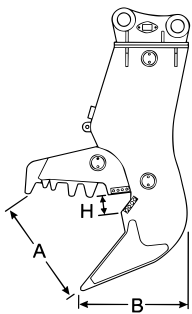
MCP Series Hydraulic Pulverizers

General Specifications	MCP800	MCP900	MCP1000
Weight	4,189 lbs. 1,900 kg	5,733 lbs. 2,600 kg	7,717 lbs. 3,500 kg
Maximum Working Pressure	5,000 psi 350 bar	5,000 psi 350 bar	5,000 psi 350 bar
Oil Flow	45-65 US gpm 180-250 l/min	45-65 US gpm 180-250 l/min	65-80 US gpm 250-300 l/min
Open Time	1.8 seconds	3 seconds	4.3 seconds
Close Time	1.9 seconds	3.3 seconds	4.5 seconds
Cycles/min at Maximum Oil Flow	16 cycles	10 cycles	7 cycles
Cylinder Output	173.8 tons	188 tons	238 tons
Force at Outer Tip	88 tons	120 tons	150 tons
Force at Center of Cutter	300 tons	385 tons	480 tons
Maximum Ø of reinforcing steel to be cut*	2.125 in. 55 mm	2.375 in. 60 mm	2.5 in. 65 mm
Maximum Opening (A)	34 in. 860 mm	41 in. 1,040 mm	45 in. 1,150 mm
Base Dimension (B)	36 in. 895 mm	39 in. 980 mm	46 in. 1,160 mm
Overall Length (C)	94 in. 2,316 mm	109 in. 2,725 mm	120 in. 3,000 mm
Overall Width (D)	20 in. 500 mm	22 in. 550 mm	24 in. 590 mm
Working Width (E)	21 in. 530 mm	23 in. 585 mm	26 in. 640 mm
Working Base (F)	26 in. 655 mm	29 in. 740 mm	32 in. 815 mm
Minimum Working Opening (G)	15 in. 390 mm	19 in. 480 mm	21 in. 530 mm
Width - Rod Entry (H)	10 in. 250 mm	15 in. 385 mm	17 in. 425 mm
Cutter Blade Length (K)	7 in. 180 mm	7 in. 180 mm	9 in. 220 mm
Recommended Carrier Weight	40,500-58,000 lbs. 18-26 tonne	58,000-71,500 lbs. 26-32 tonne	71,500-101,000 lbs. 32-45 tonne
Production			
Old concrete/non-reinforced	80-100 tons/hr	100-125 tons/hr	150-200 tons/hr
Reinforced slab concrete	50-70 tons/hr	70-100 tons/hr	100-150 tons/hr
Reinforced concrete post (up to 3' diam.)	n/a	20-30 tons/hr	35-40 tons/hr
Reinforced concrete post (up to 4' diam.)	n/a	n/a	30-35 tons/hr

* Tensile strength $R_m = 53,000$ psi

Mounting Bracket can be interchanged between different excavators with simple pins and bushings.

All dimensions and specifications are approximate and subject to change without notice.



www.rockbreaker.com

Breaker Technology, Inc.

Western US & Mexico
3464 Durahart Street
Riverside, CA 92507
Tel: (909) 369-0878
Fax: (909) 369-8281

Eastern US
30625 Solon Industrial Pkwy
Solon, OH 44139
Tel: (440) 248-7168
Fax: (440) 248-8645

Breaker Technology, Ltd.

Canada & International
35 Elgin Street North
Thornbury, Ontario N0H 2P0
Tel: (519) 599-2015
Fax: (519) 599-6803



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