

MCP SERIES

Hydraulic Pulverizer



Exceptional Wear Resistance

The pulverizer has a tough and compact structure made of high-quality wear-resistant materials at a hardness of HB400. The mouth's profile is reinforced and designed for high resistance to wear and maximum material production

Fast Cycle Times

The MCP-IT pulverizer's speed valve guarantees high performance. The valve alternates between power and speed, depending on the load. It offers faster cycle times and greater productivity

Excellent Release of Demolished Material

The openings of the fixed body make the unloading of demolished material easier while maintaining the performance and productivity of the attachment

Blades

On each model, there are blades for rebar cutting. Blades can be turned for greater usage

Interchangeable Parts

The MCP-IT pulverizer's jaw design increases the productivity of the attachment. Simple replacement of a tooth brings the tool back to original specification

Mobile Jaw Plate

This plate can be supplied with two top teeth to ensure greater production in the operation of secondary demolition

Physical/Operating Characteristics

Dimension	MCP480		MCP800-IT		MCP910-IT		MCP1000-IT	
	Stand.	Metric	Stand.	Metric	Stand.	Metric	Stand.	Metric
Carrier Range	8,818-22,046lb	4,000-10,000kg	39,683-55,115lb	18,000-25,000kg	55,115-77,162lb	25,000-35,000kg	77,162-99,208lb	35,000-45,000kg
Operating Weight	1,080lb	490 †	4,850lb	2,200 †	6,834lb	3,100 †	9,259lb	4,200 †
Jaw Opening (A)	18.9in	480mm	32.7in	830mm	39.4in	1000mm	45.3in	1150mm
Height (B)	48.2in	1,225mm	81.5in	2,070mm	94.5in	2,400mm	106.3in	2,700mm
Width (C)	13.8in	350mm	21.7in	550mm	23.8in	605mm	26in	660mm
Jaw Depth (D)	20.3in	515mm	31.5in	800mm	37.4in	950mm	43.3in	1,100mm
Force at Upper Tips F1 (front teeth)	85,980lb	39 †	158,733lb	72 †	218,258lb	99 †	266,759lb	121 †
Force at Middle F2 (middle of blade)	132,277lb	60 †	257,941lb	117 †	350,535lb	159 †	436,515lb	198 †
Cutting Force F3	286,601lb	130 †	462,971lb	210 †	654,773lb	297 †	846,575lb	384 †
Hydraulic Working Pressure	3,191-4,061 psi	220-280 bar	4,061-4,641 psi	280-320 bar	4,061-4,641 psi	280-320 bar	4,061-4,641 psi	280-320 bar
Recommended Flow Range	21.1-26.4 gpm	80-100 l/min	47.6-58.1 gpm	180-220 l/min	58.1-74 gpm	220-280 l/min	74-84.5 gpm	280-320 l/min
Jaw Close Time (max oil flow)	3.4 sec		2.3 sec		2.9 sec		3.5 sec	
Jaw Open Time (max oil flow)	2.4 sec		2.3 sec		2.7 sec		3.4 sec	
Cycles per Minute (max oil flow)	10.4 cycles/min		13.2 cycles/min		10.6 cycles/min		8.7 cycles/min	
Hydraulic Ports Size (Cylinder)	1/2" SAE Code 62		1" SAE Code 62		1.25" SAE Code 62		1.25" SAE Code 62	
Maximum Cut Diameter	1 in	25mm	2.2in	55mm	2.4in	60mm	2.6in	65mm
Blade Length	4.7in	120mm	7.1in	180mm	7.1in	180mm	8.7in	220mm
Rotation Type	None		None		None		None	
Speed Valve	No		Yes		Yes		Yes	
Interchangeable Tooth Plate	No		Yes		Yes		Yes	
Automatic Grease System	No		No		No		No	
Booster	No		No		No		No	