

## **280 380 450 550** | ElJay Rollercone® MVP<sup>TM</sup>



## **Standard Features**

V-belt driven sheave for crusher

Manual Hydraulic Adjustment System (Man-in-the-loop) with control buttons on door, able to mount 15' from crusher

Crusher set for clockwise input shaft rotation

Lubrication oil flow safety switch and warning horn

Hydraulic thread adjustment and locking

Crusher mounted lubrication oil pump (460/3/60 or 380/3/50)

Oil heaters

Unit shipped with oil-filled sump

Crusher hopper

Crusher tools: lifting eye, mantle wrench, clamp cylinder wrench Junction box

Specified manganese liners installed and poured

Interchangeable between standard and fine chambers

Heavy-duty roller bearings

Heavy-duty cast steel base frame with replaceable wear liners

Non-ferrous V-seat wear liners

Non-ferrous thread inserts for wear resistance

Export preparation and lift kit

## **Optional Equipment**

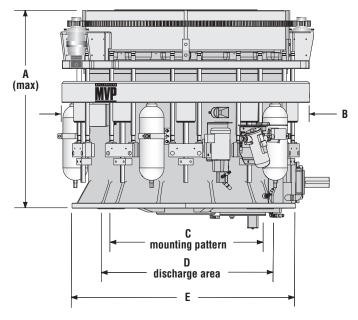
Automatic Hydraulic Adjustment System (PLC): 15 hp skid mounted hydraulic power unit for crusher adjustment and tramp iron relief system with cable/hose so skid can be mounted 15' from crusher. Includes remote adjust panel on 200' tether with indicator lights, amp meter, position feed back indicator.

Manual Hydraulic System: Remote push button box with 50', 100', or 150' tether

Automatic Oil Circulation Kit for manual hydraulic system:

Automatically circulates oil at a predetermined interval to assist in cold weather start-up (standard with PLC system)

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Specifications											
Model	A	В	C	D	E	Operating RPM	Horse- power	Approximate Total Weight lbs			
MVP 280	79.08" (2008)	82" (2083)	48" (1219)	55.25" (1403)	71.0" (1803)	700-1000	200	36,500 (16,556 kg)			
MVP 380	79.86" (2028)	88" (2235)	52" (1321)	62" (1575)	79.5" (2020)	700-1000	300	46,000 (20,865 kg)			
MVP 450	82.71" (2101)	92.5" (2350)	56" (1422)	67.5" (1714)	83.5" (2121)	700-1000	400	52,500 (23,814 kg)			
MVP 550	88.73" (2254)	102" (2591)	62.5" (1587)	77" (1956)	92.5" (2350)	615-800	500	68,000 (30,844 kg)			

Capacities												
Closed Side	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"	1-1/2"	1-3/4"	2"		
Settings (CSS)	(10 mm)	(13 mm)	(16 mm)	(19 mm)	(22 mm)	(25 mm)	(32 mm)	(38 mm)	(44 mm)	(51 mm)		
Standard Chamber Configuration - Open Circuit Capacities in tons-per-hour (tonnes-per-hour)												
MVP 280	120-150	150-190	170-220	190-250	210-275	230-300	260-335	305-390	355-445	440-490		
Gross Throughput	(109-136)	(136-172)	(154-200)	(172-227)	(190-249)	(209-272)	(236-305)	(277-355)	(323-405)	(400-445)		
MVP 380	135-170	180-225	220-260	240-290	260-310	275-335	295-380	350-445	405-510	500-560		
Gross Throughput	(123-155)	(164-205)	(200-236)	(218-264)	(236-252)	(250-305)	(268-345)	(318-405)	(368-404)	(453-507)		
MVP 450	150-200	200-260	245-315	275-360	300-385	320-415	355-450	390-500	445-575	505-645		
Gross Throughput	(136-182)	(182-236)	(222-285)	(250-326)	(272-349)	(290-376)	(321-408)	(353-453)	(403-521)	(458-585)		
MVP 550	200-250	260-330	315-395	360-450	385-485	405-510	450-565	495-620	565-715	645-810		
Gross Throughput	(182-228)	(237-300)	(287-359)	(328-410)	(350-441)	(369-464)	(410-514)	(450-564)	(514-651)	(587-737)		

<sup>\*</sup>Minimum closed side setting is that point just above bowl float under maximum allowable pressure on tramp iron relief system. This setting can vary widely depending on nature and condition of the material being crushed. The charts are to be used as guides to crushers and liner selection. Data is offered as a guide only. Crushing characteristics of various rock and crusher operation will affect results.

Effective Date: May 8, 2007. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries and all rights are reserved. "TEREX" is a registered trademark of Terex Corporation in the USA and many other countries. Copyright © 2007 Terex Corporation.