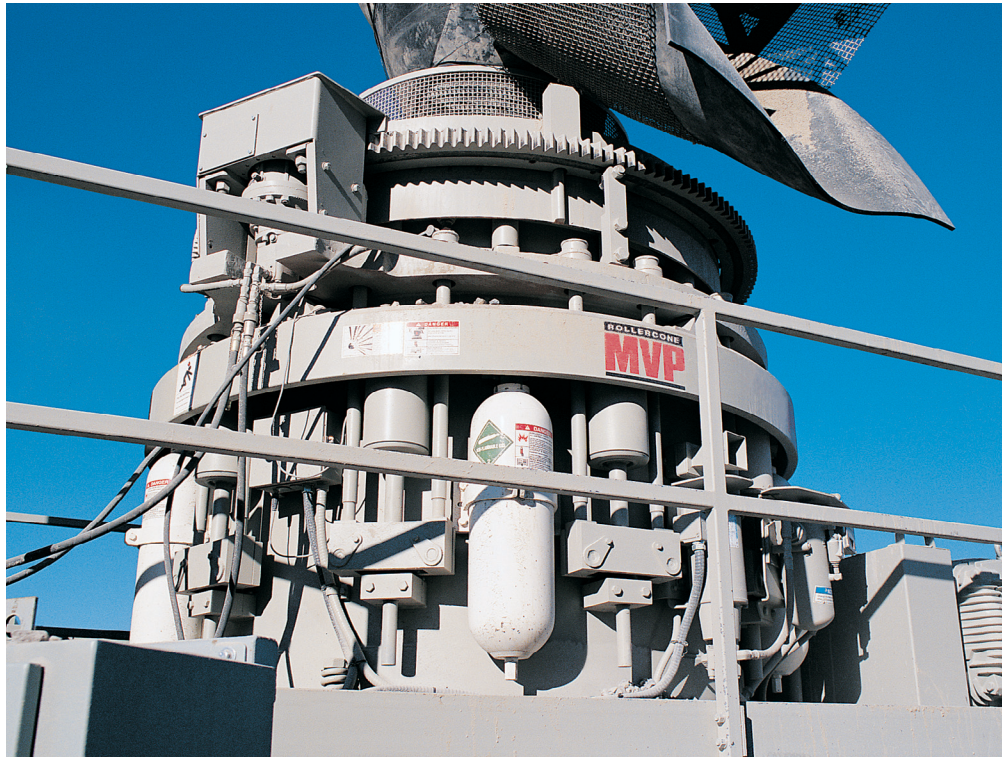




TEREX® CEDARAPIDS

280 380 450 550 | ElJay Rollercone® MVP™



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

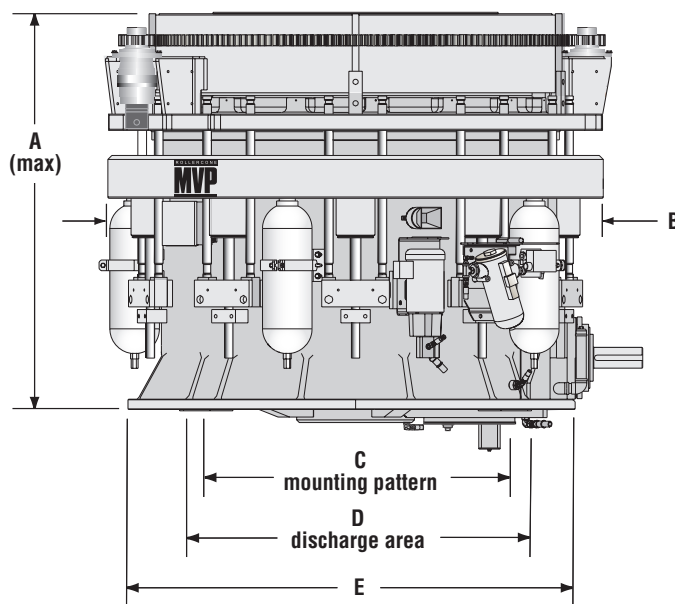
Optional Equipment

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)

280 380 450 550 | ElJay Rollercone® MVP™



Specifications

Model	A	B	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 Settings (CSS)	3/8" (10 mm)	1/2" (13 mm)	5/8" (16 mm)	3/4" (19 mm)	7/8" (22 mm)	1" (25 mm)	1-1/4" (32 mm)	1-1/2" (38 mm)	1-3/4" (44 mm)	2" (51 mm)
----------------------------	--------------	--------------	--------------	--------------	--------------	------------	----------------	----------------	----------------	------------

Standard Chamber Configuration - Open Circuit Capacities in tons-per-hour (tonnes-per-hour)

MVP 280 Gross Throughput	120-150 (109-136)	150-190 (136-172)	170-220 (154-200)	190-250 (172-227)	210-275 (190-249)	230-300 (209-272)	260-335 (236-305)	305-390 (277-355)	355-445 (323-405)	440-490 (400-445)
MVP 380 Gross Throughput	135-170 (123-155)	180-225 (164-205)	220-260 (200-236)	240-290 (218-264)	260-310 (236-252)	275-335 (250-305)	295-380 (268-345)	350-445 (318-405)	405-510 (368-404)	500-560 (453-507)
MVP 450 Gross Throughput	150-200 (136-182)	200-260 (182-236)	245-315 (222-285)	275-360 (250-326)	300-385 (272-349)	320-415 (290-376)	355-450 (321-408)	390-500 (353-453)	445-575 (403-521)	505-645 (458-585)
MVP 550 Gross Throughput	200-250 (182-228)	260-330 (237-300)	315-395 (287-359)	360-450 (328-410)	385-485 (350-441)	405-510 (369-464)	450-565 (410-514)	495-620 (450-564)	565-715 (514-651)	645-810 (587-737)

*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.