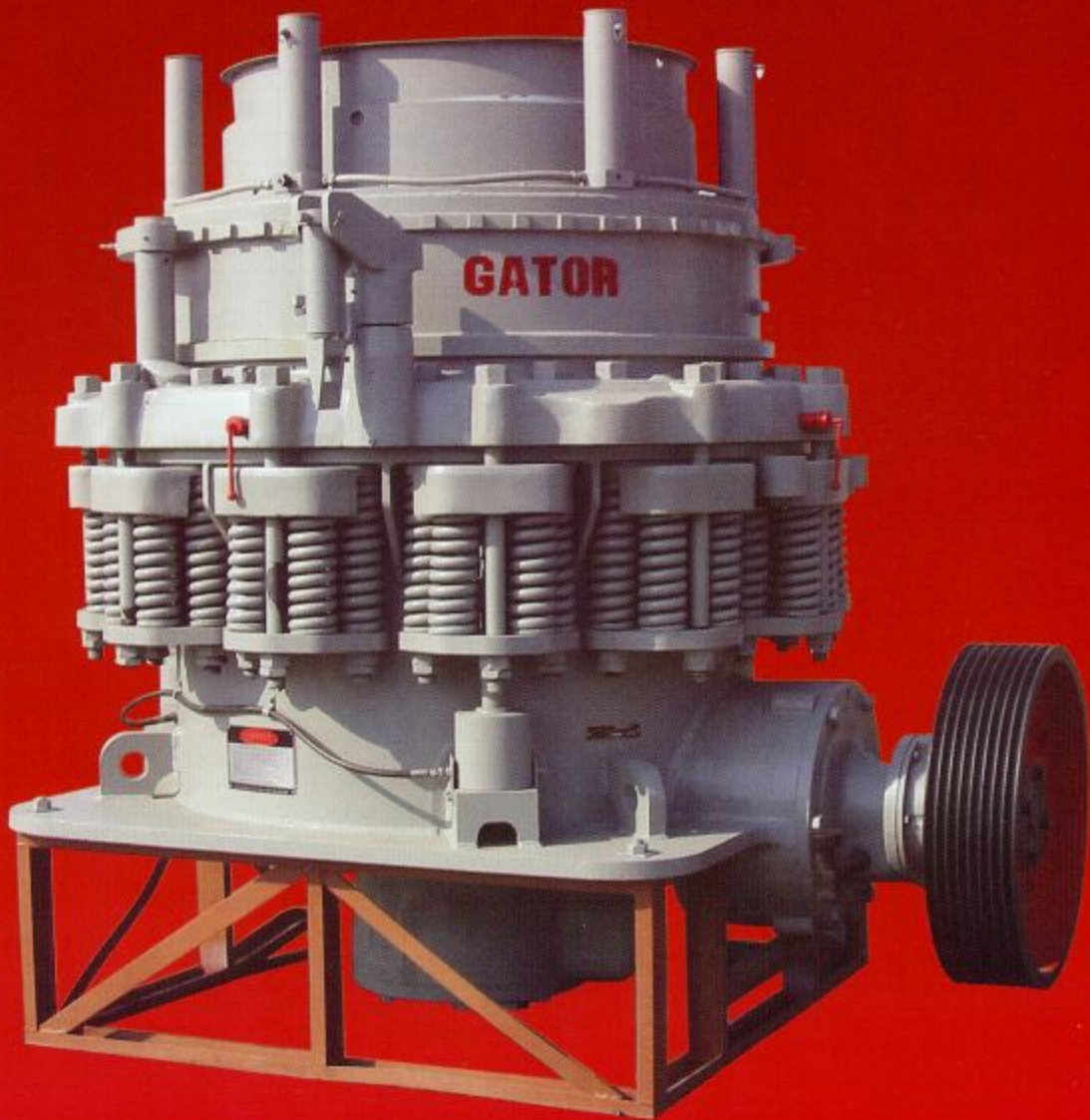
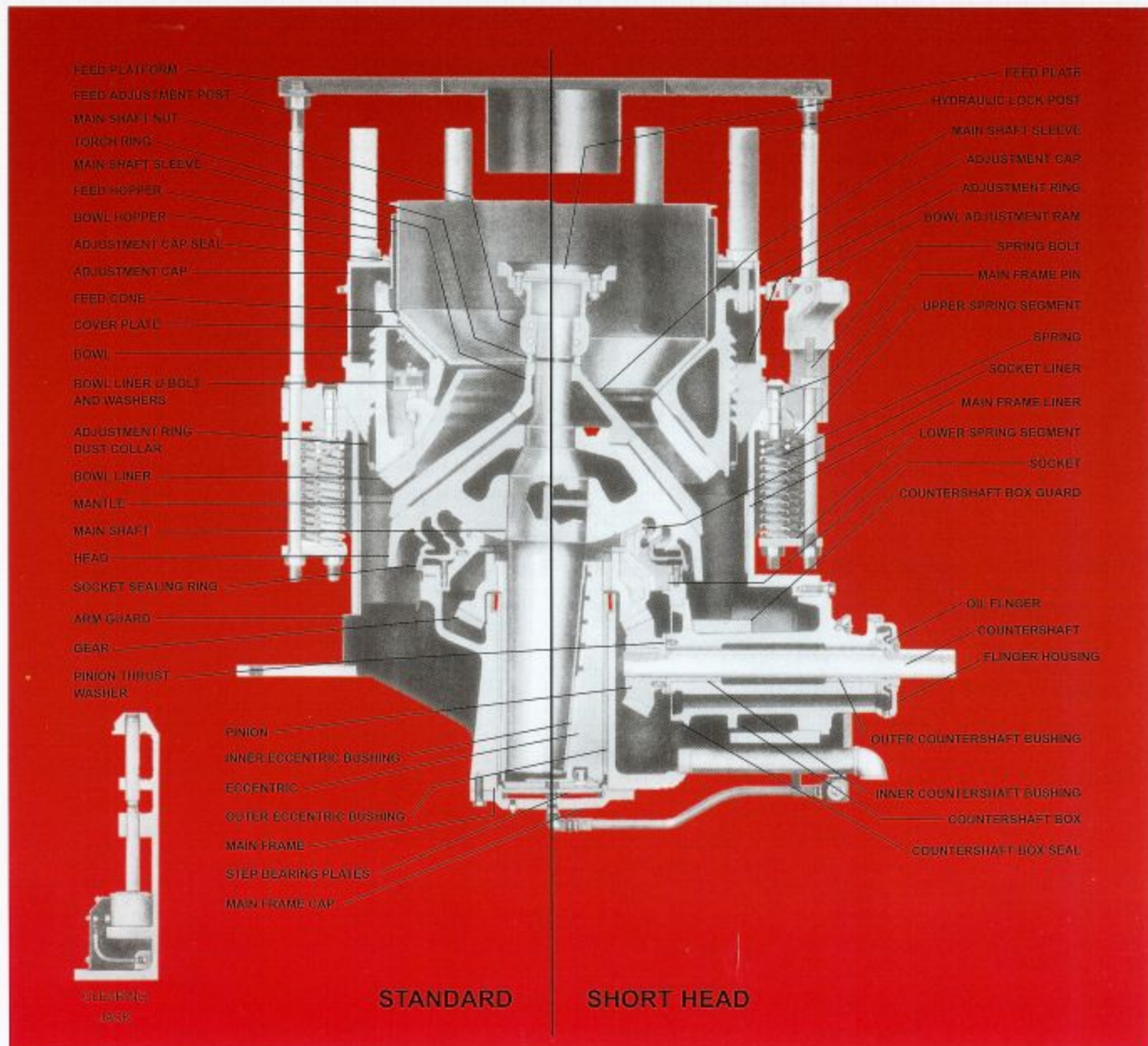




GATOR CONE CRUSHERS



GATOR Cone Crusher





TYPICAL AGGREGATE PRODUCT GRADATIONS

FEED MATERIAL RATING - AVERAGE/HARD

Open Circuit Product Analysis* (% Passing)
for Given Closed Side Setting of Crusher

Product Size Inch (mm)	Closed Side Setting of Crusher, Inch (mm)							
	1/4" (6 mm)	3/8" (10 mm)	1/2" (13 mm)	3/4" (19 mm)	1" (25 mm)	1-1/4" (32 mm)	1-1/2" (38 mm)	2" (51 mm)
4" (102 mm)								100
3" (76 mm)							100	91
2-1/2" (64 mm)						100	95	82
2" (51 mm)					100	93	86	70
1-1/2" (38 mm)				100	92	80	70	51
1-1/4" (32 mm)				95	82	70	57	41
1" (25 mm)			100	86	70	54	44	32
3/4" (19 mm)		100	92	70	51	39	32	25
1/2" (13 mm)	100	86	70	44	32	26	22	17
3/8" (10 mm)	94	70	51	32	25	20	17	13
1/4" (6 mm)	70	44	32	22	17	14	12	9
3/16" (5 mm)	50	32	25	17	13	11	9	7
No.6 (3 mm)	34	23	18	12	10	8	7	5
No.8 (2 mm)	25	17	13	9	7	6	5	4

* Note: These table values will vary with the method of feeding, selection of crusher cavity, the weight, cleanliness and moisture contents of the material and its fracture pattern. Accurate values should be established by actual testing.



Crusher size	Bare Crusher Weight Lbs. (Kgs.)	Bowl, Bowl Liner Weight Lbs. (Kgs.)	Head, Main Shaft, Mantle and Feed Plate Assy. Weight Lbs. (Kgs.)	Countershaft Assy. Weight Lbs. (Kgs.)	Eccentric Assy. Weight Lbs. (Kgs.)	Full Load Countershaft RPM	Horsepower (electric)
3' Standard	22,000 (9966)	4,000 (1812)	3,700 (1676)	2,000 (906)	1,200 (543)	580	100
3' Short Head	23,200 (10509)	4,500 (2038)	4,400 (1993)	2,000 (906)	1,200 (543)	580	100
4-1/4' Standard	49,500 (22423)	10,800 (4892)	8,000 (3624)	2,800 (1268)	2,300 (1041)	485	200
4-1/4' Short Head	49,800 (22559)	9,600 (4348)	9,500 (4303)	2,800 (1268)	2,300 (1041)	485	200
5-1/2' Standard	95,400 (43216)	22,600 (10237)	16,700 (7565)	4,700 (2129)	4,200 (1902)	485	300
5-1/2' Short Head	96,700 (43805)	20,200 (9150)	20,400 (9241)	4,700 (2129)	4,200 (1902)	485	300

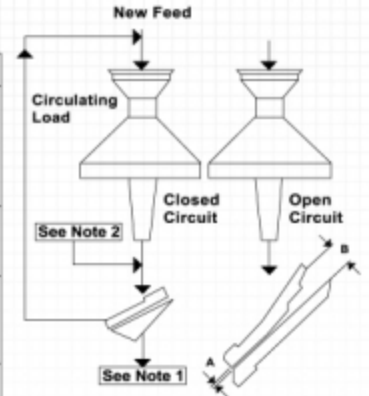
- Built using "Tried and True" technology.
- Manual adjustment and locking on 3'.
- Hydraulic locking and adjustment on 4-1/4' and larger.
- Long life and low operating and maintenance cost built into every crusher.
- Customer service, before, during and after the sale.
- Off the shelf parts for customer convenience.

Please contact your local Gator dealer or Gator Machinery Co. direct for more information.

STANDARD CONE CRUSHER CAPACITY CHARTS

STANDARD CONE CRUSHERS — CAVITIES • FEED OPENINGS • PRODUCT SIZES • CAPACITIES

OPEN CIRCUIT — CAPACITIES IN TONS (2000 LB) PER HOUR PASSING THROUGH THE CRUSHER AT INDICATED DISCHARGE SETTING "A"														
Size	Type of cavity	Recommended minimum discharge setting A	Feed opening with min. recommended discharge setting A		3/8" (9mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	7/8" (22mm)	1" (25mm)	1-1/4" (31mm)	1-1/2" (38mm)	2" (51mm)	2-1/2" (64mm)
			B Closed side	B Open side										
3 Ft. (914mm)	Fine	3/8" (9mm)	3-5/8" (83mm)	4-1/16" (102mm)	50	65	80	90	100	130	150	180		
	Coarse	1/2" (13mm)	6-3/8" (159mm)	7" (175mm)		65	80	100	120	130	150	180		
	Extra Coarse	1" (25mm)	6-1/2" (163mm)	7-1/8" (178mm)						130	150	180		
4-1/4 Ft. (1295mm)	Fine	1/2" (13mm)	4-3/8" (109mm)	5-3/8" (137mm)		120	140	160	170	180	200			
	Medium	5/8" (16mm)	7-1/2" (188mm)	8-1/4" (210mm)			145	175	190	220	250	280		
	Coarse	3/4" (19mm)	8-5/8" (216mm)	9-5/8" (241mm)				190	215	240	275	325	385	
5-1/2 Ft. (1676mm)	Extra Coarse	1" (25mm)	9-1/2" (238mm)	10-3/8" (259mm)					260	300	335	395		
	Fine	5/8" (16mm)	7-1/2" (188mm)	8-3/8" (209mm)			200	225	250	285	325	360		
	Medium	7/8" (22mm)	8-1/2" (213mm)	9-5/8" (241mm)					285	320	370	420	460	700
	Coarse	1" (25mm)	9-5/8" (241mm)	10-3/4" (269mm)						330	390	460	500	750
	Extra Coarse	1-1/2" (38mm)	13-1/4" (331mm)	14-1/2" (368mm)								475	525	750



Note 1 Net finished product (screen undersize)
Note 2 Tons per hour passing through crusher (net finished product plus recirculating load)

CLOSED CIRCUIT—CAPACITIES IN TONS (2000 LB) PER HOUR BASED ON CLOSED CIRCUIT OPERATION																								
Size	Type of cavity	Recommended minimum discharge setting A	Feed opening with min. recommended discharge setting A		Effective square opening on closed circuit screen																			
			B Closed side	B Open side	3/8" (10mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	7/8" (22mm)	1" (25mm)	1-1/4" (31mm)	1/2" (38mm)	2" (50mm)	2-1/2" (63mm)										
					Recommended closed side settings for closed circuit operation																			
					3/8" (10mm)	3/8" (10mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	3/4" (19mm)	7-8" (22mm)	1" (25mm)	1-1/4" (32mm)	1-1/2" (38mm)										
					Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2		
3 Ft. (914mm)	Fine	3/8" (9mm)	3-5/16" (83mm)	4-1/16" (102mm)	35	65	40	70	45	75	60	90	70	105	80	105	95	120	120	150	145	170		
	Coarse	1/2" (13mm)	6-3/8" (159mm)	7" (175mm)				45	75	60	90	75	110	85	110	100	125	120	150	145	170			
	Extra Coarse	1" (25mm)	6-1/2" (163mm)	7-1/8" (178mm)						60	90	75	110	85	110	100	125	120	150	145	170			
4-1/4 Ft. (1295mm)	Fine	1/2" (13mm)	4-3/8" (109mm)	5-3/8" (137mm)				95	135	105	155	125	185	145	190	175	220	205	205					
	Medium	5/8" (16mm)	7-1/2" (188mm)	8-1/4" (210mm)						120	175	135	200	155	205	190	235	215	260	235	280			
	Coarse	3/4" (19mm)	8-5/8" (216mm)	9-5/8" (241mm)							140	210	165	215	190	245	220	270	250	295				
5-1/2 Ft. (1676mm)	Extra Coarse	1" (25mm)	9-1/2" (238mm)	10-3/8" (259mm)													225	275	260	310				
	Fine	5/8" (16mm)	7-1/2" (188mm)	8-3/8" (209mm)						160	235	180	265	210	270	240	300	300	360					
	Medium	7/8" (22mm)	8-1/2" (213mm)	9-5/8" (241mm)												250	310	310	375	330	390			
	Coarse	1" (25mm)	9-5/8" (241mm)	10-3/4" (269mm)													315	380	250	400	400	465		
	Extra Coarse	1-1/2" (38mm)	13-1/4" (331mm)	14-1/2" (368mm)														350	410	350	410	420	490	