

MG/SS/SH-SERIES | Single-Cylinder Hydraulic Cone Crusher

CE Africa CEA Series Single-cylinder hydraulic cone crusher is mainly used for different size of aggregate or ore milling fine crushing; crushers with suffix "S" series is mainly used for secondary crushing, has bigger input's fraction and higher handling capacity, crushers without suffix "S" series is mainly used for secondary crushing,



MG-SERIES

Technical Data Sheet

SINGLE-CYLINDER HYDRAULIC CONE CRUSHER

Technical Data Sheet

	MG100S	MG200S	MG300S	MG500S	MG7	MG100	MG220	MG330	MG550
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Technical Specifications

Power	75-90 kW (100 - 125 hp)	110-160 kW (150-225 hp)	132-250 kW (175-350 hp)	200-355 kW (275-475 hp)	375-560 kW (500-750 hp)	75-90 kW (100 - 125 hp)	132-220 kW (175-300 hp)	250-315 kW (325-425 hp)	250-400 kW (325-500 hp)
Basic Crusher Weight*)	7 350 kg 16 200 lbs	10 900 kg 24 000 lbs	16 200 kg 35 700 lbs	33 300 kg 73 400 lbs	62 000 kg 137 000 lbs	5 800 kg 12 800 lbs	10 200 kg 22 500 lbs	15 700 kg 34 600 lbs	26 500 kg 58 400 lbs

Feed Opening

Cavity	Feed Opening								
EF						46 mm (1 ¹³ / ₁₆ "	58 mm (2 ³ / ₁₆ "	**)	68 mm (2 ³ / ₄ "
F						53 mm (2")	89 mm (3 ¹ / ₂ "	85 mm (3 ¹ / ₂ "	95 mm (3 ³ / ₄ "
MF		90				95 mm (3 ³ / ₄ "	101 mm (4")	107 mm (4 ¹ / ₄ "	113 mm (4 ³ / ₁₆ "
M	206 mm (8 ¹ / ₄ "					141 mm (3 ⁹ / ₁₆ "	118 mm (4 ⁵ / ₁₆ "	135 mm (5 ¹ / ₁₆ "	152 mm (6")
C	239 mm (9 ³ / ₄ "	222 mm (8 ³ / ₄ "	247 mm (9 ³ / ₄ "	321 mm (12 ⁵ / ₁₆ "	335 mm (13 ³ / ₁₆ "	142 mm (5 ⁵ / ₁₆ "	182 mm (7 ¹ / ₈ "	184 mm (7 ¹ / ₄ "	192 mm (7 ⁵ / ₁₆ "
EC		295 mm (11 ¹ / ₁₆ "	332 mm (13 ¹ / ₁₆ "	401 mm (15 ³ / ₄ "	414 mm (16 ³ / ₁₆ "		213 mm (8 ³ / ₁₆ "	225 mm (8 ⁷ / ₁₆ "	250 mm (9 ¹³ / ₁₆ "
EC-LS/EC-TR			332 mm (13 ¹ / ₁₆ "	442 mm (17 ¹ / ₁₆ "	450 mm (17 ³ / ₁₆ "		213 mm (8 ³ / ₁₆ "	225 mm (8 ⁷ / ₁₆ "	265 mm (10 ⁵ / ₁₆ "

Stroke

Stroke Options	16, 20, 25 mm (⁵ / ₁₆ , ¹ / ₂ , 1")	18, 25, 28, 32 36 mm (⁷ / ₁₆ , 1")	18, 22, 25, 28, 32 36 mm (⁷ / ₁₆ , ¹ / ₂ 1")	18, 22, 25, 28, 36 40 mm (⁷ / ₁₆ , 1, 1 ¹ / ₄)	25, 28, 32, 36, 40 45, 50 mm (1, 1 ¹ / ₄)	16, 20, 25 mm (⁵ / ₁₆ , ¹ / ₂ , 1")	18, 25, 28, 32, 36, 40 mm (⁷ / ₁₆ , ¹ / ₂ , 1, 1 ¹ / ₄)	18, 25, 28, 32, 36, 40 mm (⁷ / ₁₆ , ¹ / ₂ , 1, 1)	25, 28, 32, 36, 40 45 mm (1, 1 ¹ / ₄ , 1 ¹ / ₂)
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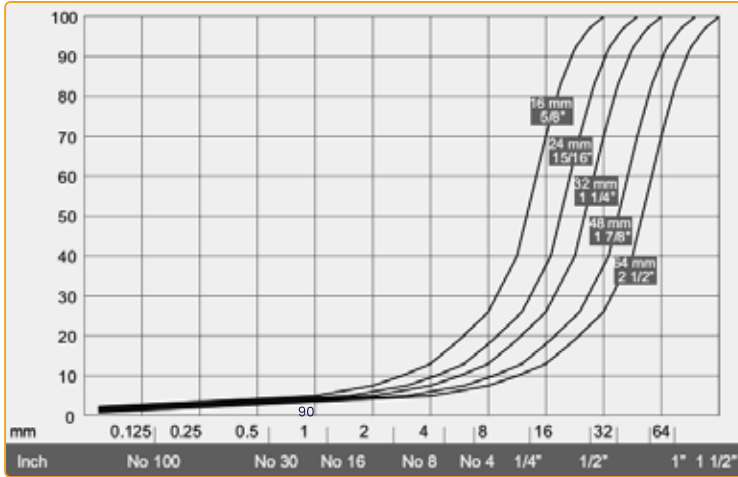
Capacity

Closed Side Setting	Capacity								
6 mm						35-50			
¹ / ₁₆ "						39-55			
8 mm						40-65	70-90	105-145	
⁵ / ₁₆ "						44-72	77-99	116-160	
10 mm						45-73	80-130	110-190	140-**)
³ / ₈ "						49-80	88-143	121-210	155-**)
15 mm						50-95	105-175	130-260	160-310
¹⁹ / ₃₂ "						55-105	115-192	143-286	176-341
20 mm	80-90					65-105	120-230	155-300	190-340
²⁵ / ₃₂ "	88-99					72-116	132-253	170-330	209-374
25 mm	105-155	110-160	180-200				150-265	180-350	230-410
1"	116-170	121-176	198-220				165-292	198-385	253-451
30 mm	120-195	150-265	170-290		350-450		165-280	210-390	250-450
1 ¹ / ₁₆ "	132-214	165-292	187-319		386-496		182-308	230-430	275-495
35 mm	135-220	190-330	200-400		430-640		180-**)	265-**)	280-510
1 ³ / ₁₆ "	149-242	209-363	220-440		474-705		198-**)	292-**)	308-561
40 mm	145-230	210-365	215-440		500-840				350-**)
1 ⁹ / ₁₆ "	160-253	231-402	236-484		551-926				385-**)
45 mm	155-250	230-**)	235-**)	300-470	580-970				400-**)
1 ¹ / ₄ "	170-275	243-**)	259-**)	330-517	640-1070				440-**)
50 mm		240-**)	260-**)	375-670	650-1140				
2 ³ / ₁₆ "				440-825	826-1388				
60 mm				450-800	830-1380				
2 ¹ / ₂ "				495-880	915-1521				
65 mm				470-870	900-1500				
2 ⁹ / ₁₆ "				517-957	992-1653				
70-80 mm				500-**)	980-**)				
2 ³ / ₄ - 3 ¹ / ₁₆ "				550-**)	1080-**)				
80-90 mm					1130-**)				Mtph
3 ¹ / ₈ - 3 ⁹ / ₁₆ "					1246-**)				Stph

MG-SERIES

Technical Specifications

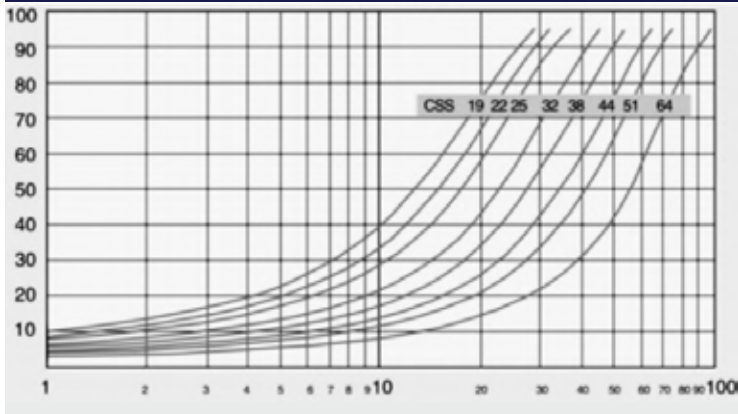
MG SERIES CONE PLANT
Technical Data Sheet



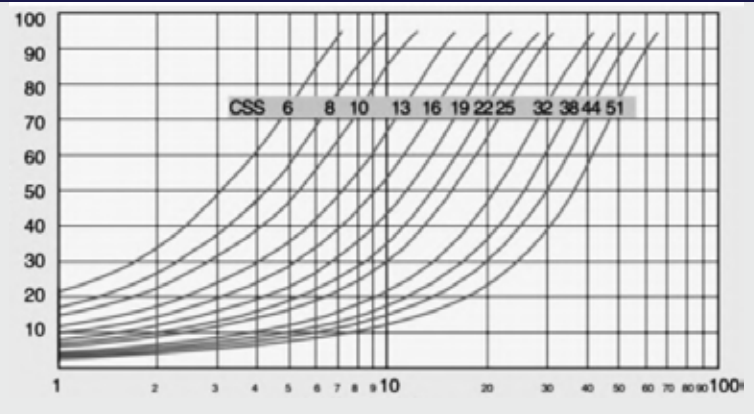
Stable Performance Through Liner Life

Our cavity design reduces wear on the feed opening and minimizes the deterioration of wear parts throughout the life of the liner. This ensures stable crusher through-put capacity and plant operation through wear part life.

SS Series | Gradation Curves



SH Series | Gradation Curves



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