



# SYMONS CONE CRUSHER

SHANGHAI SHIBANG MACHINERY CO., LTD.

International Dept.1: Tel: 0086-21-58386126 Fax:0086-21-58386211

International Dept.2: Tel: 0086-21-58386138 Fax:0086-21-58386211

International Dept.3: Tel: 0086-21-58386118 Fax:0086-21-58386211

After Service Dept. : Tel: 0086-21-58386186 Fax:0086-21-58386211

Website:<http://www.sbmchina.com>

E-mail: [sbm@sbmchina.com](mailto:sbm@sbmchina.com)

Office Add: 416th, Jianye Rd., Pudong New District, Shanghai, China

Postcode: 201201

## Symons Cone Crusher Application

**Symons cone crusher** was widely used in mining, concrete factory, sandstone making, etc. And they are widely suitable for primary crushing of many kinds of mining and rock such as many kinds of ores, concrete, fireproof material, bauxite, quartzite, corundum, perlite, ironstone, basalt, etc.

## Symons Cone Crusher Features

Comparing with other kinds crusher, Symons cone crusher have excellences for fine crushing, high productions and low maintenance. The long force arm designed into the Symons cone provides greater crushing force.

And the spring release system generates more opposing force than other cone crushers. So use in mine industry widely.



Symons cone crusher Specification

Type	Dia. of cone	Cavity	Feed opening	Discharge setting	Capacity	Countershaft	Power	Weight	Overall dimension
	mm (inch)		mm	mm	ton/hour	r/min	kw	ton	mm
2ft	600 (2')	fine	72	6-38	16-54	575	22	6	2195x1158 x1651
		coarse	109	9-38	18-68				
		Extra coarse	109	13-38	23-72				
3 ft	900 (3')	fine	102	9-22	45-91	580	75	15	2656x1746 x2241
		coarse	175	13-38	59-163				
		Extra coarse	178	25-38	118-163				
4 ft	1200 (4')	fine	131	9-31	63-188	485	110	20	2656x1974 x3112
		medium	156	13-38	100-200				
		coarse	191	19-51	141-308				
		Extra	250	25-51	190-317				
4 1/4 ft	1295 (4 1/4')	fine	137	13-31	109-181	485	155	27	2809x2354 x3156
		medium	210	16-38	132-253				
		coarse	241	19-51	172-349				
		Extra	259	25-51	236-358				
5 1/2 ft	1676 (5 1/2')	fine	209	16-38	181-327	485	220	55	3911x2870 x3771
		medium	241	22-51	258-417				
		coarse	269	25-64	299-635				
		Extra	368	38-64	431-630				
7 ft	2134 (7')	fine	278	19-38	381-726	435	315	110	4613x3251 x4732
		medium	334	25-51	608-998				
		coarse	369	31-64	789-1270				
		Extra	460	38-64	880-1361				

**Note:** This specification is just for reference, any changes are subject to the products.

# Short head Cone Crusher Technique paramete

Type	Dia. of cone		Feed opening	Discharge setting	Capacity	Countershaft	Power	Weight	Overall dimension
	mm (inch)		mm	mm	ton/hour	r/min	kw	ton	mm
2ft	600 (2')	fine	35	3-13	9-36	575	22	6	2195x1158x1651
		coarse	51	5-16	16-50				
3 ft	900 (3')	fine	41	3-13	27-90	580	75	15	2656x1746x2410
		medium	60	3-16	27-100				
		coarse	76	6-19	59-127				
4 ft	1200 (4')	fine	57	5-16	50-132	485	110	20	2560x1942x2928
		medium	73	10-16	90-145				
		coarse	89	13-19	141-181				
		Extra	117	13-25	145-218				
4 1/4 ft	1295 (4 1/4')	fine	64	3-16	36-163	485	155	27	2958x2254x3156
		medium	89	6-16	82-163				
		coarse	105	10-25	109-227				
		Extra	133	19-25	209-236				
5 1/2 ft	1676 (5 1/2')	fine	70	5-13	90-209	485	220	55	3917x2870x3771
		medium	89	6-19	136-281				
		coarse	133	10-25	190-336				
		Extra	133	10-25	253-336				
7 ft	2134 (7')	fine	105	5-16	190-408	435	315	110	4130x3251x4454
		medium	133	10-19	354-508				
		coarse	178	13-25	454-599				
		Extra	203	16-25	508-653				