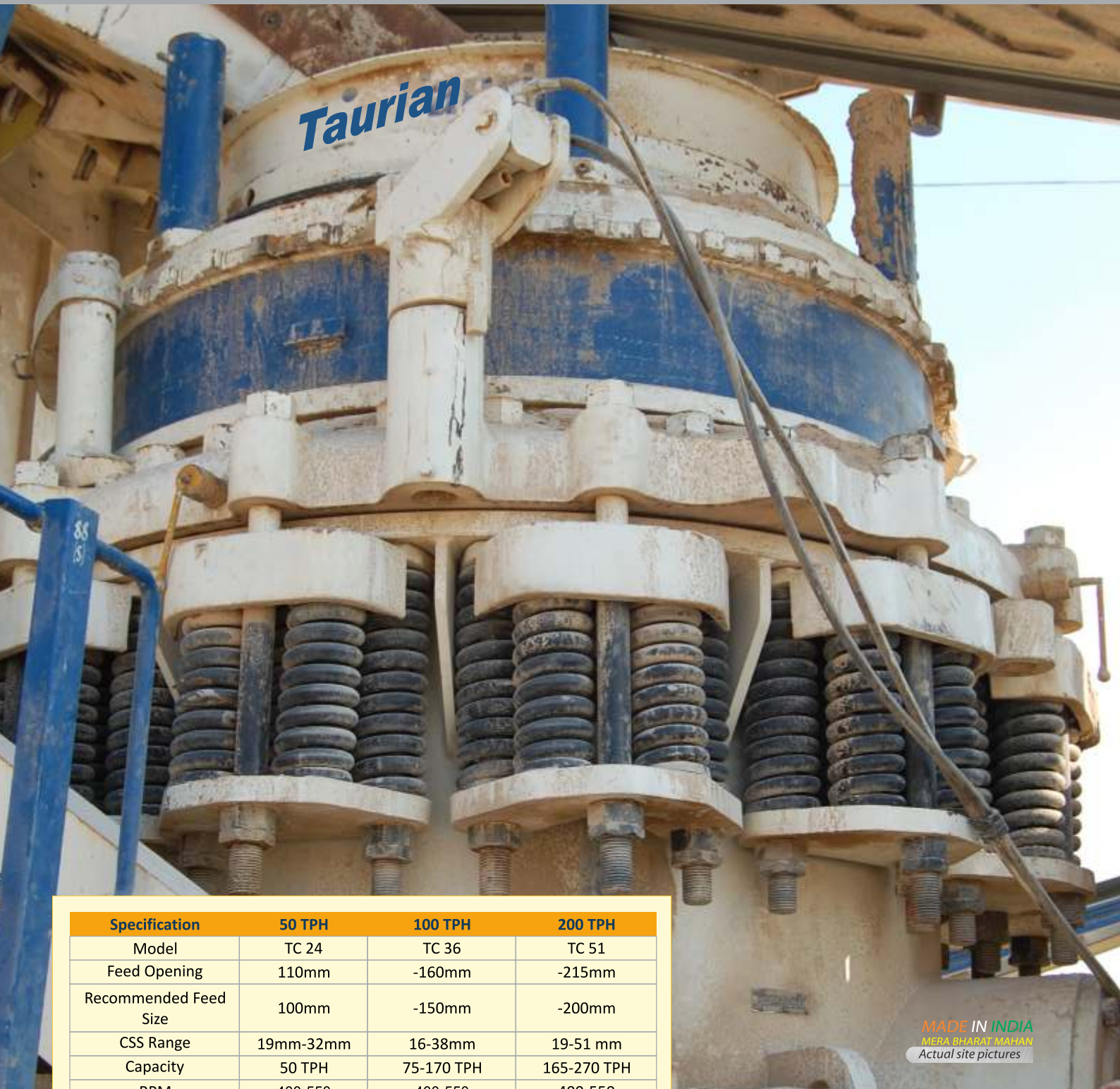


# Taurian

## Cone Crusher

Platinum Series

- ◆ CAST STEEL FABRICATED BODY,
- ◆ FORGED STEEL SHAFT,
- ◆ INBUILT LUBRICATION PANEL AND HYDRAULIC SYSTEM FOR GAP ADJUSTMENT & TRAMP MATERIAL PROTECTION.
- ◆ BETTER CRUSHING FORCE
- ◆ LONGEST HEAD DISPLACEMENT PROVIDES GREATER PRODUCING CAPACITY



Specification	50 TPH	100 TPH	200 TPH
Model	TC 24	TC 36	TC 51
Feed Opening	110mm	-160mm	-215mm
Recommended Feed Size	100mm	-150mm	-200mm
CSS Range	19mm-32mm	16-38mm	19-51 mm
Capacity	50 TPH	75-170 TPH	165-270 TPH
RPM	400-550	400-550	400-550
Power	55 Kw	90 Kw	160 kw
Weight	9900	22000	44000

MADE IN INDIA  
 MERA BHARAT MAHAN  
 Actual site pictures

# Taurian Cone Crusher

Platinum Series



Actual site pictures

## Cone Crusher Gradation Chart

Percent Passing - Open Circuit

Product Size (Inch)	Crusher closed side Setting - mm												
	7.9	9.5	11.1	12.7	15.9	19.1	22.2	25.4	32	38	44	51	
4"													100
3.5"												100	95
3"										100	95	90	
2.75"										98	92	86	
2.5"									100	95	88	81	
2.25"									97	91	83	74	
2"								100	94	86	76	65	
1.75"							100	97	88	79	66	55	
1.5"						100	96	91	80	68	56	45	
1.25"					100	97	90	83	70	56	46	38	
1"				100	99	90	82	72	58	45	36	29	
7/8"			100	99	93	86	74	64	48	38	30	25	
3/4"		100	97	84	87	80	65	54	40	32	26	21	
5/8"		98	94	87	80	69	55	46	34	28	22	18	
1/2"	100	95	88	80	69	58	47	39	28	23	19	16	
3/8"	91	84	73	63	52	44	37	28	21	17	14	12	
5/16"	85	74	63	54	46	37	31	25	19	15	13	10	
1/4"	74	61	50	44	36	32	26	21	16	13	11	9	
4M	58	48	42	35	32	26	21	18	14	11	9	7	
5/32"	50	41	36	30	28	23	18	15	12	10	8	6	
8M	40	35	30	26	24	20	16	12	9	7	5	4	
10M	35	31	26	22	20	18	14	10	8	6	4	3	
16M	28	24	21	17	15	13	10	8	6	4	3	2	
30M	20	18	15	11	9	8	6	5	4	3	2	1.5	
40M	18	15	14	10	8	7	5	4	3	2	1.5	1	
50M	14	12	12	8	7	6	4	3	2	1.5	1	0.8	
100M	11	9	9	7	6	5	4	3	1.5	1	0.5	0.5	
200M	8	7	6	6	5	4	3	2	1	0.5	0.5	0.3	

Above Gradation chart shows the basic application for the selection of equipment's size & model. This calculation is based on the Bulk density 1.6Tons/M<sup>3</sup> of the feed material.

# Taurian

## Technical Specifications

### Specification of Standard Cone Crusher

S.No.	Description	Minimum Discharge Setting	Feed Size	Weight	CSS Range	TPH	K.W.
1	Cone Crusher TCC 2 Ft (600 mm)			4.5 T			55 KW
	Fine	6 mm	57 / 72 mm		6 - 38 mm	18 - 60 T	
	Coarse	9 mm	83 / 109 mm		9 - 38 mm	20 - 75 T	
	Extra Coarse	13 mm	100 / 109 mm		13 - 38 mm	25 - 80 T	
2	Cone Crusher TCC 3 Ft (900 mm)			10.5 T			90 KW
	Fine	9 mm	83 / 102 mm		9 - 22 mm	50 - 100 T	
	Coarse	13 mm	159 / 175 mm		13 - 38 mm	65 - 180 T	
	Extra Coarse	25 mm	163 / 178 mm		25 - 38 mm	130 - 180 T	
3	Cone Crusher TCC 4 Ft (1200 mm)			17.5 T			
	Fine	9 mm	127 / 131 mm		9 - 31 mm	70 - 185 T	
	Medium	13 mm	155 / 156 mm		13 - 38 mm	110 - 220 T	
	Coarse	19 mm	178 / 191 mm		19 - 51 mm	155 - 340 T	
4	Cone Crusher TCC 4-1/4 Ft (1275 mm)			22.5 T			160 KW
	Fine	13 mm	109 / 137 mm		13 - 31 mm	120 - 200 T	
	Medium	16 mm	188 / 210 mm		16 - 38 mm	145 - 280 T	
	Coarse	19 mm	216 / 241 mm		19 - 51 mm	190 - 385 T	
5	Cone Crusher TCC 5-1/2 Ft (1650 mm)			44 T			
	Fine	16 mm	188 / 209 mm		16 - 38 mm	200 - 360 T	
	Medium	22 mm	213 / 241 mm		22 - 51 mm	285 - 460 T	
	Coarse	25 mm	241 / 269 mm		25 - 64 mm	330 - 700 T	
6	Cone Crusher TCC 7 Ft (2100 mm)			70 T			
	Fine	19 mm	253 / 278 mm		19 - 38 mm	420 - 800 T	
	Medium	25 mm	303 / 334 mm		25 - 51 mm	670 - 1100 T	
	Coarse	31 mm	334 / 369 mm		31 - 64 mm	870 - 1400 T	
	Extra Coarse	38 mm	425 / 460 mm		38 - 64 mm	970 - 1500 T	