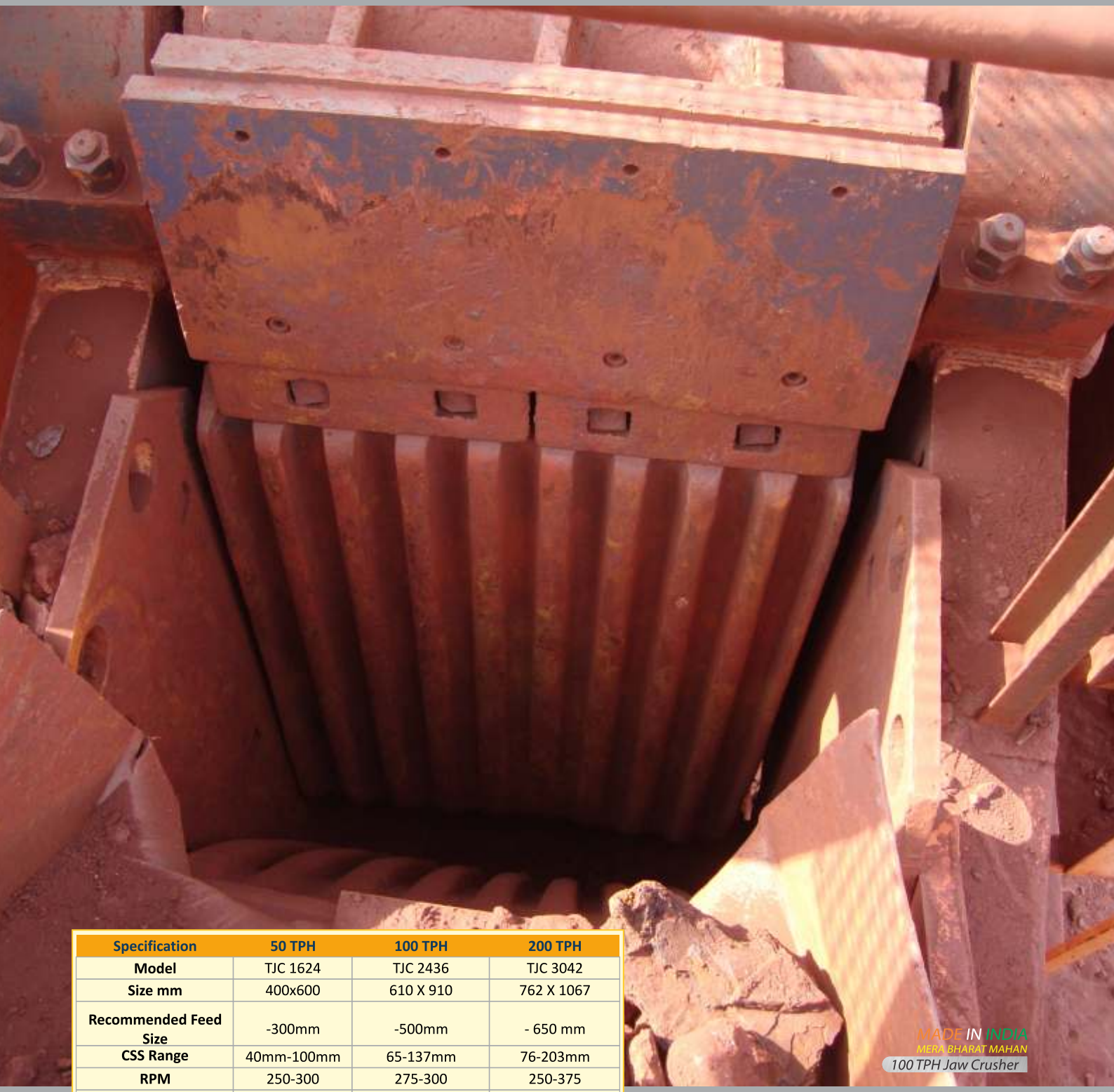
Taurian

RHINO Series - Jaw Crusher

- MATERIAL OF CONSTRUCTION FABRICATED DROP FORGED HEAT TREATED
- HEAVY DUTY SELF ALIGNING BEARING
- MADE OUT OF CAST STEEL



Specification	50 TPH	100 TPH	200 TPH
Model	TJC 1624	TJC 2436	TJC 3042
Size mm	400x600	610 X 910	762 X 1067
Recommended Feed Size	-300mm	-500mm	- 650 mm
CSS Range	40mm-100mm	65-137mm	76-203mm
RPM	250-300	275-300	250-375
Capacity	50 TPH	70-140TPH	109-250TPH
Power	55 Kw	90Kw	110 Kw
Weight	5600 Kg	7800 Kg	22000 Kg

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Single Toggle Type

Crusher Jaw Plates in operation

100 TPH Jaw Plates

200 TPH Crusher Jaw Plates

JAW CRUSHER GRADATION CHART

Percent Passing - Open Circuit

CRUSHER CLOSED SIDE SETTING - mm

Product Size (Inch)	19.1	25.4	38	44	51	57.15	63.5	70	76	89	102	127	152	178	203	229	254
10"+													100	100	100	100	100
10"													94	82	73	66	60
9"												100	88	76	68	61	55
8"												93	80	69	61	55	50
7"											100	83	72	62	54	48.5	44
6"									100	100	90	74	63	54	47.6	42.5	38.5
5"							100	100	96	87	78	64	54	47	41	36	32
4"							95	90	84	74	65	54	46	40	34	30	27
3.5"						100	89	81	76	66	58	48	41	35.5	30.5	26.5	23.5
3"					100	93	80	72	67	58	52	43	36.5	31.5	27	23.5	20.5
2.75"				100	96	88	78.5	67.5	62.5	54	48.5	40	34	29.5	25	21.8	18.9
2.5"				96	91	82	70	62.5	58	50	45	37	31.6	27	23	20	17.5
2.25"			100	93	85	76	65	58	53.5	46.5	41.5	34	29	25	21.3	18.3	16
2"		100	95	87	72	69	57	53	49	42.5	38	31	26.5	23	19.5	16.5	14.4
1.75"		98	90	80	70	62	52	48	44	38.5	34.5	28	24	20.5	17.5	14.7	12.6
1.5"	100	92	82	71	62	54.5	45	42	38.5	34	30.5	24.5	21	18	15	13	11
1.25"	97	86	75	62.5	55	48	40	37	34	30	27	22	18.5	15.9	13.2	11.3	9.6
1"	90	73	62	52	46	40	33.5	31	28.5	25	22.5	18.5	16.5	13.4	11.2	9.5	7.9
7/8"	86	66	56	46.5	41.5	36	30	28	26	22.5	20.1	16.5	14	11.9	10	8.4	7
3/4"	76	55	47	39	34.5	30.5	25.5	22.5	22	19	17.3	14	12	10.2	8.5	7	5.8
5/8"	67	49.5	42.6	35.2	31	27.2	22.5	21	19.5	17	15.5	12.5	10.8	9.1	7.6	6.3	5.2
1/2"	56	41.5	35.6	29.8	26	23	19.4	18	16.5	14.8	13.3	10.6	9.2	7.8	6.5	5.3	4.3
3/8"	42	31	27	22.5	19.5	17.5	14.6	13.7	12.7	11.2	10.2	8.2	7	5.9	4.6	3.9	3.1
5/16"	36	28	24	20	17.6	15.7	13.2	12.3	11.3	10	9.1	7.4	6.3	5.2	4.3	3.5	2.8
1/4"	31.5	23	20	17	14.8	13	11.2	10.3	9.7	8.6	7.8	6.3	5.3	4.4	3.6	2.9	2.3
4M	24	17.5	15	12.5	11.2	10	8.5	8	7.4	6	5.9	4.6	4	3.4	2.7	2.2	1.7
8M	13.5	9.9	8.5	7.3	6.4	5.7	4.9	4.6	4.3	3.8	3.4	2.6	2.4	2	1.6	1.2	1
10M	11.4	8.3	7.2	6.2	5.5	4.8	4.1	3.9	3.7	3.2	2.9	2.4	2	1.7	1.4	1	0.8
16M	6.8	5	4.4	3.8	3.3	2.9	2.5	2.4	2.3	2	1.8	1.5	1.3	1	0.9	0.7	0.5
30M	3.8	2.9	2.5	2.2	1.9	1.7	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.6	0.6	0.4	0.3
40M	2.9	2.1	1.9	1.7	1.4	1.3	1.2	1.2	1.1	1	0.9	0.7	0.6	0.5	0.5	0.3	0.24
50M	2.3	1.6	1.4	1.3	1.1	1	1	1	0.9	0.8	0.8	0.6	0.5	0.4	0.4	0.2	0.2
100M	1.3	1	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1

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^3 of the feed material.