



## CONE CRUSHER



[www.hewittrobins.co.uk](http://www.hewittrobins.co.uk)

### Features Include:

- Hypro-Cone series is designed to provide maximum production and performance with high outputs, reliability and economical running costs.
- A British Engineered Product manufactured to international standards.
- The Hypro-Cone series crusher has a heavy robust cast steel base and fabricated body.
- A high tensile main shaft with cast steel eccentric driven by bevel wheel pinion manufactured from molly cast steel castings with the teeth case hardened and carburised.
- Cast mantle and bowl liners from high quality steel with 18% manganese content to ensure longer life.
- Automatic hydraulic tramp iron quick release system to reduce downtime.
- Compact Unit fitted with rubber mountings to ensure smooth running.





## Models/Capacities

		CLOSE SIDE SETTING (MM)												
CAPACITY (MTPH)	MODEL	6	8	10	13	16	19	22	25	32	38	45	51	
	PHY-2	55-75	60-90	80-115	110-145	130-170	140-180	150-190	160-210	180-230	200-245			
	PHY-3	80-95	100-130	110-140	145-185	175-220	190-240	200-260	220-280	240-320	290-380	340-440		
	PHY-5		140-170	170-220	225-290	270-350	310-400	335-430	355-450	395-530	435-600	500-680	560-760	

## Notes on Crusher Capacities and Screening Analysis

### Graduation Table Percentage Passing through Square Mesh

GRADE (MM)	CLOSE SIDE SETTING (MM)												
	6	8	10	13	16	19	22	25	29	32	38	45	51
102.00	100	100	100	100	100	100	100	100	100	100	100	100	100
89.00	100	100	100	100	100	100	100	100	100	100	100	100	98
76.00	100	100	100	100	100	100	100	100	100	100	100	98	95
70.00	100	100	100	100	100	100	100	100	100	100	100	97	93
63.50	100	100	100	100	100	100	100	100	100	100	99	95	90
57.20	100	100	100	100	100	100	100	100	100	99	97	92	86
50.80	100	100	100	100	100	100	100	100	100	98	95	88	80
44.50	100	100	100	100	100	100	100	99	97	95	90	82	73
38.10	100	100	100	100	100	100	97	95	93	90	82	74	65
31.80	100	100	100	100	100	97	91	89	87	84	74	67	58
28.60	100	100	100	100	100	94	87	85	82	77	67	60	52
25.40	100	100	100	100	99	90	82	80	76	71	59	53	46
22.20	100	100	100	99	93	86	75	72	68	63	53	47	40
19.10	100	100	100	94	87	80	65	62	60	56	46	41	36
17.50	100	100	99	91	84	75	60	58	56	51	43	38	33
15.90	100	100	97	88	80	69	55	53	51	47	39	35	31
14.30	100	99	92	83	75	64	51	49	47	43	36	32	28
12.70	100	93	86	78	69	58	47	45	43	39	32	29	25
11.10	99	86	78	72	61	51	42	40	38	35	29	26	22
9.50	93	79	70	63	52	44	37	36	33	31	25	23	20
7.90	81	70	59	54	44	37	31	30	28	26	22	20	17
6.40	70	58	48	45	37	32	26	25	23	21	18	17	14
5.00	55	44	36	34	30	26	21	20	19	17	14	13	11
3.75	41	32	28	26	24	22	17	15	14	13	11	9	8
2.50	33	27	23	20	18	16	12	11	10	8	7	6	5
2.00	29	24	20	18	15	13	9	8	7	5	4	4	3

PERFORMANCE FIGURES AND PERCENTAGES ARE APPROXIMATE AND PROVIDE AN INDICATION OF WHAT THE HYPRO-CONE CAN PRODUCE WHEN USED FOR OPEN CIRCUIT CRUSHING OF CLEAN DRY MATERIAL WITH A BULK DENSITY OF 1600KG/M3

General arrangement and installation drawings can be provided upon request.