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HST Single Cylinder Hydraulic Cone Crusher

SHANGHAI MOUNTAIN RIVER MACHINERY CO.,LTD

CRUSH THE STONES CONSTRUCT THE WORLD



Introduction

HST single cylinder hydraulic cone crusher adopts the latest technology. It is with new structure, optimized lamination cavity and intelligent automatic control system, which makes the crushing efficiency higher and the finished product shape better. It can crush materials like limestone, marble, granite, river stone, basalt, quartz, iron ore, copper ore, gold ore, etc.

Main Structure

1. Upper Frame	2. Concave	3. Mantle
4. Movable Cone	5. Main shaft	6. Dustproof Sealing Ring
7. Eccentric Sleeve	8. Lower Frame	9. Thrust Bearing
10. Hydraulic Cylinder	11. Big Gear	12. Horizontal Countershaft
13. Small Gear	14. Pulley	15. Horizontal Countershaft Frame
16. Lubricating Oil Return	17. Concave Locknut	18. Mantle Locknut
19. Top Bearing	20. Top Bearing Cap	

Main Features

- Laminating crushing makes good cubical shape and ensures high performance of the crusher.
- High crushing ratio, high production capacity and high-efficiency.
- Full automatic control, lower operation cost & longer life cycle.
- Multiple cavities for various process requirements.



Technical Parameters

Model	Cavity	Feeding Opening (mm)	Minimum Discharging Size (mm)	Capacity (t/h)	Power (kw)	Overall Dimension (mm)
HST100	EC	240	22	85-170	90	1550X1575X2545
	MC	200	19	70-130		
	F	135	10	45-115		
	MF	65	8	35-80		1550X1575X1965
	EF	35	4	27-60		
HST160	EC	360	25	120-345	132 (Max 160)	1875X1920X3195
	MC	300	22	105-305		
	C	235	19	90-275		
	F	185	13	66-210		
	MF	90	10	65-165		1875X1920X2400
	EF	50	6	48-105		
HST250	EC	450	35	255-605	220 (Max 250)	2100X2320X4096
	MC	400	29	215-515		
	C	300	25	190-490		
	F	215	16	110-395		
	MF	110	13	115-340		2100X2320X2780
	EF	70	8	90-255		
HST315	EC	560	41	335-1050	315	2380X2735X4630
	MC	500	38	305-895		
	F	275	16	170-665		
	MF	135	16	190-505		2380X2735X3265
	EF	65	13	205-320		
HST500	EC	560	54	575-1505	500	2490X2909X4892
	MC	465	54	550-1435		
	F	315	16	290-900		
	MF	265	16	330-1015		
	EF	195	16	315-975		2490X2909X4267