

NESANS

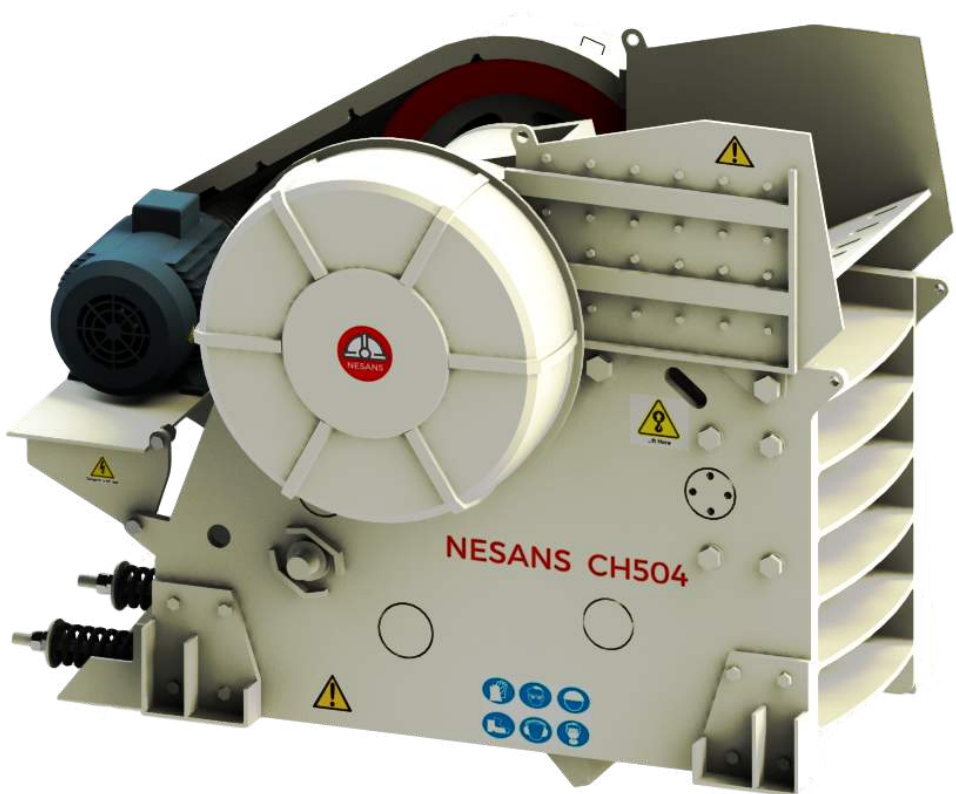
mining and automation Pvt. Ltd.

JAW CRUSHER



CH Series Jaw Crusher

Nesans CH Series Jaw Crushers are designed particularly for continuous use with any hard and abrasive materials. They combine a robust frame design with high feeding capacity and a limited overall height. These features make it ideal for operation in restricted space, and in both stationary and mobile plants. CH Series crushers are premium class crushers due to their design as well as to the materials that are used to produce them. Attention has been paid to even the smallest details, so as to ensure the highest possible functionality and reliability, without any compromises.



Technical Data

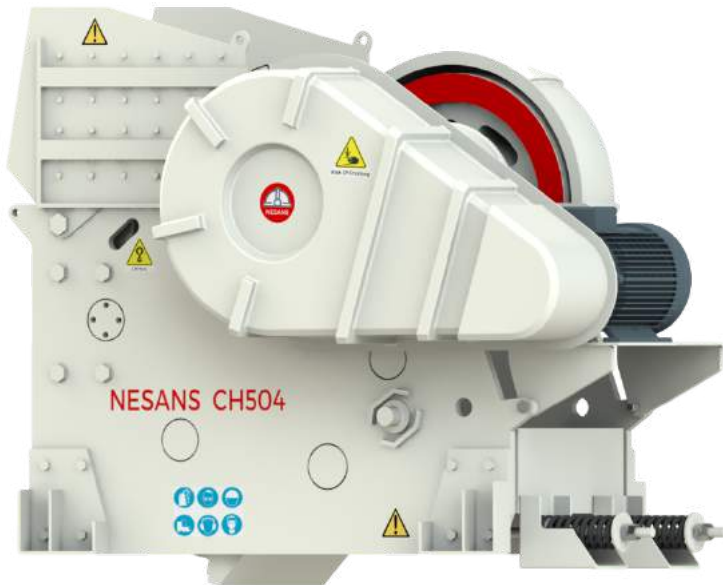
Parameters / Model	CH192	CH504	CH736
FEED OPENING (mm)	600 X 400	700 x 900	850 x 1050
FEED OPENING (Inch)	24 X 16	28 x 36	34 x 42
MAX. FEED SIZE (mm)	250	600	750
MAX. FEED SIZE (Inch)	10	24	30
CSS RANGE (mm)	20 - 60	50-175	75-225
CSS RANGE (Inch)	0.8 - 2.5	2-7	3-9
CAPACITY (TPH)	30 - 70	70-250	150-350
MOTOR POWER (kW)	37	75	110
MOTOR POWER (HP)	50	100	150
CRUSHER SPEED (RPM)	310	270	240
CRUSHER WEIGHT (kg)	8000	14000	21000

Closed Side Setting (CSS)		Crusher Model Capacity in mph (stph)		
mm	In	CH192	CH504	CH736
50		25 - 30		
	2	(28 - 33)		
60		35 - 40		
	2	(39 - 44)		
75			100 - 160	150 - 200
	3		(110 - 175)	(165 - 220)
100			125 - 200	200 - 265
	4		(140 - 220)	(220 - 290)
125			150 - 235	245 - 325
	5		(165 - 260)	(270 - 360)
150			175 - 275	295 - 390
	6		(195 - 305)	(325 - 430)
175			200 - 320	340 - 445
	7		(220 - 350)	(375 - 490)
200				385 - 505
	8			(425 - 555)
225				430 - 565
	9			(475 - 625)

The above figures represent through the crusher capacities, which are based on a feed material with an average specific gravity of 2.6, a maximum feed size that will enter the crusher without bridging and material finer than the crushers closed side setting removed. The capacities may vary depending on the feeding method and on feed characteristics such as gradation, bulk density, moisture, clay content and crushability.

Features and Advantages

- Rugged Jaw Stock
- Forged Shaft with Sub Micron Level Machining
- Non-Contact Inspection Procedures with cutting edge technology
- Reliable Metallurgy
- Finite Element Analysed Crusher Body
- Minimum Welding so that the stress in the Crusher is minimised
- Bolt and Lock System for 90% of the Machine
- Automatic Lubrication System
- Hydraulic CSS Setting System
- Advanced Sensor Systems for Temperature and Bearing Condition Monitoring.





Nesans Mining and Automation Private Limited

An ISO 9001:2015 Certified Company

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Nesans Mining and Automation Pvt Ltd is a minerals processing, segregation, classification and automated control technology and services supplier for the mining, aggregates, and mineral handling industries. We help you achieve your business goals through our enhanced, updated, cutting edge technologies designed to get the maximum out of the minimum available

