

NESANS

mining and automation Pvt. Ltd.

VSI CRUSHER



CF Series Vertical Shaft Impact Crusher

CF 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. Applications include

- Manufactured sand
- Premium shaped aggregates (concrete and road products)
- Recycling industry
- Industrial minerals industry
- Mining industry

The autogenous “rock on rock” crushing technique results in several major advantages: product gradation remains constant, even as rotor wear parts wear; contamination rates are extremely low, as no wear parts are used to directly crush the rock; unbeatable product shape (extremely low flake and elongation values).



Technical Data

Single Drive

Parameters / Model	CF500	CF1000	CF1500	CF2000
MAX. FEED SIZE (mm)	20	25	30	35
MAX. FEED SIZE (Inch)	0.8	1	1.2	1.4
CRUSHING CAPACITY (TPH)	30 - 40	65 - 90	90 - 130	110 - 170
MANUFACTURED SAND CAPACITY (TPH)	10 - 12	20 - 25	30 - 40	45 - 60
MOTOR POWER (kW)	55	90	160	200
MOTOR POWER (HP)	75	120	210	270
ROTOR SPEED (RPM)	1100 - 2200	1100 - 2200	1100 - 2200	1100 - 2200
CRUSHER WEIGHT (kg)	4600	6500	9500	9800

Dual Drive

Parameters / Model	CF2500	CF3000
MAX. FEED SIZE (mm)	45	55
MAX. FEED SIZE (Inch)	1.8	2.2
CRUSHING CAPACITY (TPH)	140 - 210	170 - 265
MANUFACTURED SAND CAPACITY (TPH)	60 - 80	85 - 110
MOTOR POWER (kW)	300	400
MOTOR POWER (HP)	400	500
ROTOR SPEED (RPM)	1000 - 1800	1000 - 1800
CRUSHER WEIGHT (kg)	12100	12300

3 port Rotor



4 port Rotor



Features and Advantages

- Reduced Power Consumption
- Minimized Operational Costs per tonne
- Modular design the quick and easy replacement of spare parts
- Consistent, easily controlled product grading
- Dynamically balanced body design and reduced out-of-balance forces
- Temperature monitoring devices for increased bearing life
- Automatic Lubrication System
- Remote monitoring of performance of the crusher
- Vibration sensor to monitor and control vibrations within the range
- Low wear and tear due to autogenous Rock on Rock Crushing.





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

