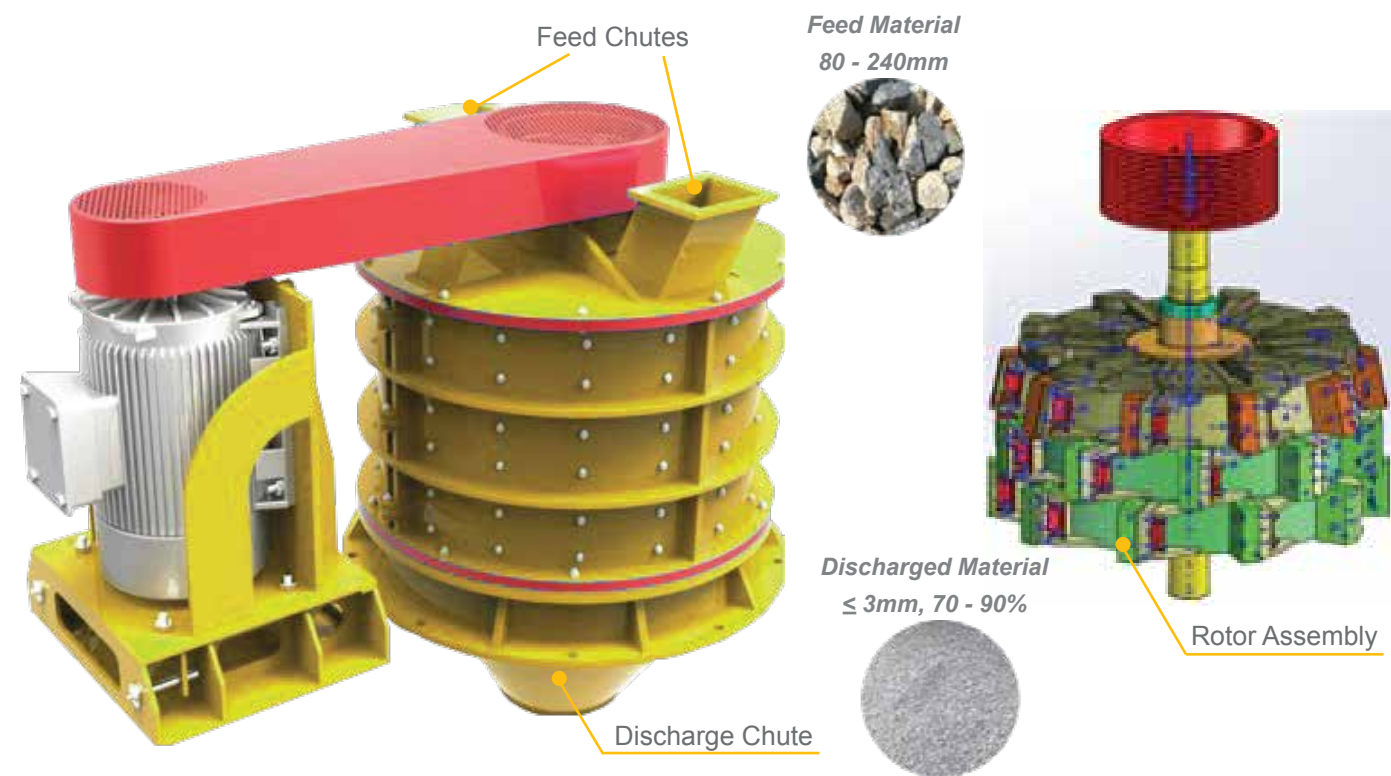


TRIMAX PFL
VERTICAL COMPOSITE CRUSHER



KEY BENEFITS

The PFL Vertical Composite Crusher is an efficient & energy-saving crusher. It is suitable for crushing material of soft to medium hardness.

It operates with low noise and vibration levels, is easy to operate, and has a relatively small footprint.

The PFL Vertical Composite Crusher has an extremely high reduction ratio and accepts material feed sizes from 80 to 240mm. Both high wear-resistant manganese and high chrome moly wear parts are installed within the PFL Vertical Composite Crusher.



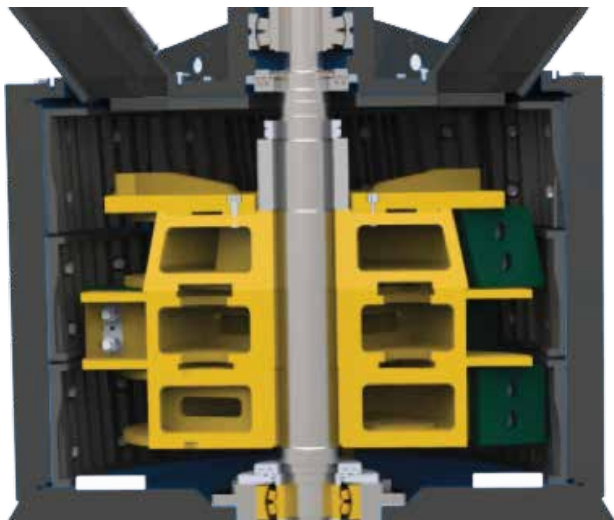
HIGH PERFORMANCE BY DESIGN

The optimised crushing chamber and multi-stage rotor design provides maximum yields for required high quality end products.

Feed material entering the crushing chamber from the top is immediately met with the high centrifugal force created by the high velocity spinning multi-stage rotor.

This material is then continuously impacted multiple times by the rotor hammers and against the crusher body's impact liners as it passes downwards through the crusher body.

The space cavity progressively becomes smaller towards the bottom of the crusher body.



This highly efficient method of crushing has relatively low power requirements, and results in reduced operational cost per tonne of production.

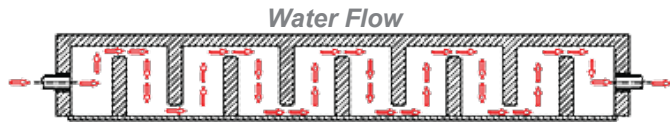
MODEL	INPUT SIZE MM	OUTPUT SIZE MM	ROTOR SPEED RPM	MOTOR KW	CAPACITY TPH
PFL-750 III	≤ 100	≤ 3 , 70 - 90%	800 - 1350	45	8 - 20
PFL-1000 III	≤ 120	≤ 3 , 70 - 90%	650 - 980	55	15 - 30
PFL-1250 III	≤ 150	≤ 3 , 70 - 90%	510 - 770	90	30 - 45
PFL-1250 IIIX	≤ 150	≤ 3 , 70 - 90%	510 - 770	90	30 - 45
PFL-1500 III	≤ 180	≤ 3 , 70 - 90%	430 - 640	132	50 - 70
PFL-1500 IIIX	≤ 180	≤ 3 , 70 - 90%	430 - 640	132	50 - 70
PFL-1750 III	≤ 200	≤ 3 , 70 - 90%	420 - 540	160	70 - 100
PFL-1750 IIIX	≤ 200	≤ 3 , 70 - 90%	420 - 540	160	70 - 100
PFL-2000 III	≤ 220	≤ 3 , 70 - 90%	360 - 500	200	90 - 120
PFL-2300 IIIX	≤ 240	≤ 3 , 70 - 90%	330 - 450	250	120 - 160
PFL-2500 III	≤ 220	≤ 3 , 70 - 90%	360 - 500	200	90 - 120

Performance figures are approximate and only give an indication of what the crusher can do. Degree of reduction, material's crushability, size of feed material, and moisture content of feed material, etc, all affect crusher performance.



WATER COOLING SYSTEM

For added versatility, an optional water cooling system is available to crush high temperature materials up to 150 °C.



- Optional Water Cooling System.
- High Temperature Resistant Bearings.
- High Temperature Resistant Grease will be required.

