

Mobile Impact Crusher

Operating Instruction



Henan Shibo Heavy Machinery Co., Ltd.

Overview

Absorbing the advantages of traditional impact crusher and with unique design, crawler mobile impact crusher station is more suitable for movable processing, and the content of cubic-shaped particles is higher. Tracked mobile impact crusher brings the concept of "more crushing and less grinding" to various crushing and construction sites, and it has many advantages such as big crushing ratio and high convenience, so that it is widely used in such industries as ore crushing, railway, highway, energy, cement, chemistry and construction.

Track-mounted mobile impact crusher is suitable for crushing all kinds of materials whose compression strength does not exceed 350MPa and feeding granularity is smaller than 500mm such as concrete, granite and limestone. In addition, This kind of crusher mobile has no special limit on the fineness uniformity of the materials, and the it can freely adjust the discharging granularity and carry out diversified crushing, so that it is a most willing crushing machine and is widely used in such industries as ore crushing, railway, highway, energy, cement, chemistry and construction.



✓ Applied material:



Calcite



Steel Slag



Concrete Aggregate



Quartz

Why choose us?

- 1 The integration of high-performance crusher, vibrating screen and belt conveyor.
- 2 Vehicle installation with belt conveyor and impact crusher.
- 3 Flexible mobility, reliable performance and easy maintenance.
- 4 Easy operation, accurate control.
- 5 Low fuel consumption, low noise.



Characteristics

Feeding size: 300-700mm

Processing capacity: 30-250t/h

Applied material: river pebbles, rocks (limestone, granite, basalt, diabase, andesite, etc.), ore tailings.

Application area: mining, coal, garbage and construction waste recycling, earthwork, urban infrastructure, roads or construction sites and other venues operations.

Working principle

Making use of the impact energy to crush materials is an outstanding feature of impact crusher and is the practical example of the concept of "more crushing and less grinding". The rotor rotates with high speed driven by the electric motor. After the stone materials reach the actuating range of plate hammer, the materials will seriously hit the plate hammer, and then they will be crushed again when bounced to the first-level impact lining boards, and

they will return to the plate hammer and hit the second-level impact plate hammer, as such, there will be three to four levels of crushing, and during this process, the stone materials will also hit each other. This crushing method reduces the abrasion of the quick-wear parts and increases the crushing ratio. If the discharging granularity and shape need to be changed, it can be realized by adjusting the gap between the impact frame and the rotor.

Technical data

Items	FTM935E69L	FTM935FW 1214IIL	FTM1138E71L	FTM1138FW 315IIL	FTM1138EW86L
Vibrating feeder	GZD-960×3500	GZD-960×3500	GZD-1100×3800	GZD-1100×3800	GZD-1100×3800
Impact crusher	P F600×900	PF-1214II	P F750×1060	PF-1615II	P F860
Main belt conveyor	B800×8.5M	B800×8.5M	B1000×9M	B1000×9M	B1000×9M
Discharging height of main belt conveyor(mm)	3200	3200	3100	3000	3500
Side-opening belt conveyor (optional)	B450×3M	B800×8.5M	B1000×3.5M	B500×3.5M	B500×3.5M
Discharging height side-opening belt conveyor(mm)	2800	2800	3100	3000	3100
Motor power	180	250	200	300	250
Transportation length(mm)	11900	11900	13300	13300	14200
Transportation width(mm)	3100	3100	3100	3100	3300
Transportation height(mm)	3650	3650	4500	4500	5000
Transportation weight(t)	43.5	50	59	59	67
Working length(mm)	12100	12100	13500	13500	15200
Working width(mm)	3100	3100	3100	3100	3300
Working height(mm)	4100	4100	5100	4800	5500





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