

XPF1214K



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frame impact crushing station

XPF1214K frame impact crushing station is a crushing product specially developed for medium and low hardness rocks (limestone, bluestone) and construction waste; feeding adaptive adjustment system-reduces the risk of material blockage and ensures continuous and reliable operation of the whole machine; By adjusting the discharge port, the discharge particle size and particle shape are controlled to be stable; Host overload and over-iron protection; Intelligent fault detection, real-time monitoring-accurate and fast troubleshooting. The whole machine brings you extraordinary crushing experience with professional design, lean manufacturing, ultra-high reliability and intelligent control system.

Performance and characteristics

- The double-layer feeding pre-screening integrated machine realizes pre-screening of fine materials and bypass channels for finished products, with higher throughput;
- The curved plate hammer design ensures the impact crushing performance for a long time and improves the product particle shape;
- Intelligent fault detection, real-time monitoring and storage of running status, easily finding out the fault location, saving time and effort.
- Adaptive continuous feeding system and crusher load detection technology-reduce the risk of overload and material blockage,

ensure the continuous and stable operation of the whole machine, and increase the operating rate;

- Multi-level protection of overload and overiron of the crushing host-to ensure the safety and reliability of the equipment;
- Online joint control and remote control (optional)-reduce labor costs and improve manual working environment.
- Strengthened design of feeding hopper, feeder, crushing host, etc., thickened design of plate hammer and impact plate, long life;
- The screen frame of the screening machine adopts a high-strength ring groove rivet rivet structure, which has higher overall strength;

Dimension in working configuration

Unit: mm

Item		Unit	Parameter
Theoretical processing ability		t/h	80-350
Crushed material hardness		M Pa	≤120
Feed hopper	Standard Volume	m ³	≥4
	Feeding height	mm	≤4000
	Length × width	mm	4200×1295
Vibrating feeder	Feeding capacity	t/h	300
	Rated rotational speed	rpm	960
	Adjustable speed range	rpm	750-960
	Driving mode	-	Vibration motor
	Amplitude	mm	5—7
Impact crusher	Feed opening width	mm	1300
	Feed opening height	mm	860
	Maximum feed size	mm	600
	Rotor width	mm	1280
	Rotor diameter	mm	1200
	Rotor speed	r/min	532-640
	Lid opening method	/	Hydraulic
	Discharge port adjustment	/	Machinery
Main conveyor	Drive power	kW	250
	Bandwidth	mm	1200
	Power	Kw	15
	Drive Form	-	Electric drum
	Belt speed	m/s	1.7
Screening machine	Angle	°	22
	breadth	mm	1550
	Length	mm	6100
	Amplitude	mm	6-8
	Number of layers	-	1
Return conveyor	Drive power	Kw	2×7
	Bandwidth	mm	650
	Power	Kw	7.5
Transfer conveyor	Drive Form	-	Electric drum
	Bandwidth	mm	500
	Power	Kw	4
Screening conveyor	Drive Form	-	Electric drum
	Bandwidth	mm	1000
	Power	Kw	11
	Drive Form	-	Electric drum
	Power	Kw	5.5
Complete machine	Drive Form	-	Electric drum
	Dust removal system	-	(Optional)
	Iron removal system	-	(Optional)
	Way of Work	-	External power supply
	Moving mode	-	Complete machine hoisting

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



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