

XPF1214



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Movable Impact Crushing Station

XPF1214 movable impact crushing station is independently developed by XCMG based on of years of R&D experience and can be used to break natural stones with medium and soft hardness and recycle construction waste. It is characterized by stability, flexibility, efficiency and intelligence.

Performance and characteristics

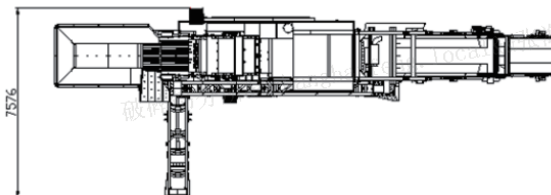
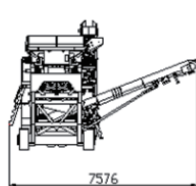
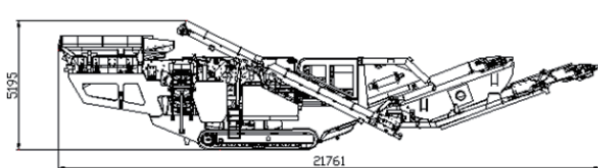
- Hydraulic lifting and lowering movements are under wireless remote control of breaker feed port and primary counter-attack board, which reduces the risk of feeding blockage.
 - The design concept of an integrated chassis and frame structure lowers the center of gravity and reduces machine vibration effectively.
 - The independent unloader can output mixed-material products in a continuous and steady way.
- The machine carries a Scania engine with one cylinder and

one head. Each cylinder four valves. This structure greatly increases fuel economy.

- Fuel injection system owns an electronic control integral injector, which helps realize good fuel economy and gain high torques.
- The curved board hammer design offers long-term guarantee of impact crushing performance and improves finished particle size.

Dimension in working configuration

Unit: mm



Main specifications

	Name	Unit	Parameter		Name	Unit	Parameter
Overall machine parameters	Weight (including pre-screening module)	kg	62670	Unloader	Trough width	mm	1400
	Weight (not including pre-screening module)	kg	53633		Trough length	mm	2700
	Max. theoretical handling capacity	t/h	80-450		Driving power	kW	2*2.6
	Hardness of crushed materials	M Pa	≤150		Working voltage	V	400
	Max. grade angle	°	30	Main conveyor	Drive pulley/bend pulley gap	mm	9700
	Max. tilting angle	°	17		Belt width	mm	1400
	Travel speed	km/h	1.4		Driving power	kW	11
	Diesel tank capacity	L	800		Belt speed	m/s	1.31
	Hydraulic oil tank capacity	L	220	Screener	Screener width	mm	1550
	Transport size (including pre-screening module)	mm	22069*3191*3750		Screener length	mm	4550
Feed hopper	Transport dimensions (not including pre-screening module)	mm	18550*3191*3750		Angle of upper-layer screening surface	°	20
	Working dimensions (including pre-screening module)	mm	21761*7576*5195		Driving power	kW	2*3.6
Vibrating feeder	Working dimensions (not including pre-screening module)	mm	18242*7576*4572	Screening conveyor	Drive pulley/bend pulley gap	mm	6900
	Standard capacity	m³	4		Belt width	mm	1200
Pre-screening machine	Extended capacity	m³	6		Driving power	kW	11
	Trough width	mm	1000		Belt speed	m/s	1.31
	Trough length	mm	2600	Transfer conveyor	Drive pulley/bend pulley gap	mm	1600
Fine material belt conveyor	Driving power	kW	2*2.6		Belt width	mm	500
	Size of screener mesh	m²	2.78		Driving power	kW	3
	Angle of upper-layer screening surface	°	7		Belt speed	m/s	1.25
	Angle of lower-layer screening surface	°	17	Returning conveyor	Drive pulley/bend pulley gap	mm	9750
Impact breaker	Driving power	kW	2*5.6		Amplitude of swing	°	0~90
	Center distance	mm	4000		Belt width	mm	500
	Belt width	mm	650		Driving power	kW	7.5
Impact breaker	Driving power	kW	5.5	De-ironing separator	Belt speed	m/s	1.6
	Belt speed	m/s	2		Driving power	kW	2.2
	Feeder inlet width	mm	1300	Engine	Power	kW	371
	Feeder inlet height	mm	900		Number of cylinders	\	6-cylinder
	Rotor width	mm	1280		Displacement	L	12.7
	Rotor diameter	mm	1200		Rated speed	rpm	1500~1800
Impact breaker	Rotor linear speed	m/s	Fourth-stage, 32~40	Chassis assembly	Belt width	mm	400
	Upper opening width	mm	50~450		Center distance	mm	4052
	Lower opening width	mm	(-100~100)				

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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