Ref. XPE1215_DS_EN_V2026.01

XPE1215



XPE1215

Movable Jaw Crushing Station

XPE1215 movable jaw crushing station is a kind of large-scale equipment specially developed to meet open-pit coarse crushing requirements. If it is coupled with a mobile belt conveyor, it can be composed into a “truckless material conveying system”. It has reliable performances and a pleasant appearance, and is equipped with a deep cavity type jaw crusher, graphic touchscreen interface and optimized engine power matching technology, and has reached advanced global standard. It is widely applied for coarse crushing of various ores and natural stones.

XPE1215

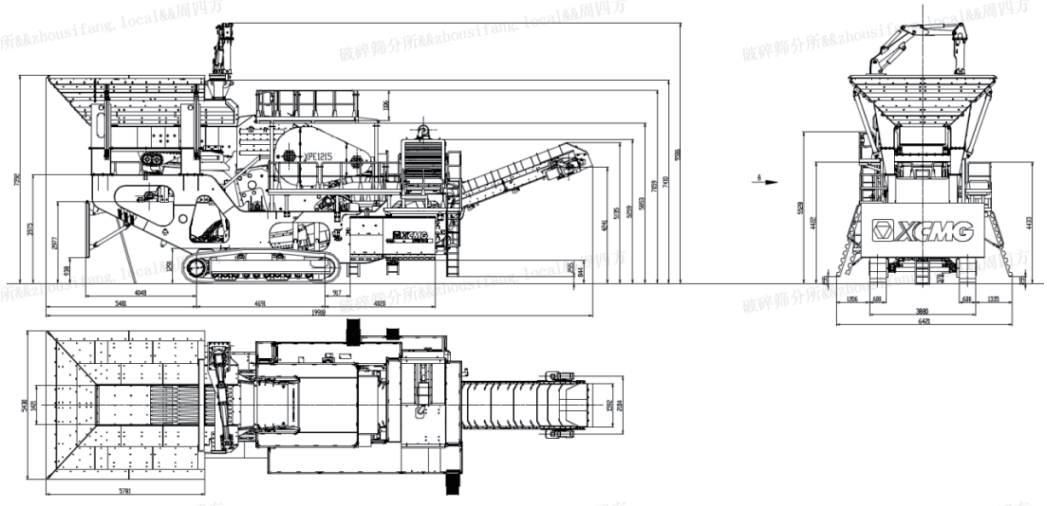
Movable Jaw Crushing Station

Performance and characteristics

- Full electric drive: imported engine carries a famous generator to output strong power, and can link to external power sources. Hydraulic system is load sensitive type, which has little loss of energy and generates a low quantity of heat.
- Efficient and low-energy crusher: deep cavity type PE1215 crusher has enlarged eccentric distance, optimized swing mechanism and a huge crushing capacity; the adjustment of discharge opening is full hydraulic, which is simple and quick; besides, it is equipped with a discharge opening detection function.
- Even feedstock system: feed quantity is under full automatic regulation, which guarantees even continuous feeding and increases crushing efficiency.
- Comprehensive vibration optimization scheme: damping spring of vibrating feeder and vibration damper of crusher are optimized in order to avoid transmitting the vibration to the main body. This design can extend the lifespan of the whole machine; damping spring of the electric cabinet offers ideal protection to electric elements and enhances electric system reliability.

Dimension in working configuration

Unit: mm



Main specifications

Name		Unit	Parameter
Overall Machine Parameters	Max. productivity	t/h	400～1000
	Curb weight/working weight	kg	150700
	Travel speed	km/h	1
Dimension in work configuration	Gradient	°	≤12
	L	mm	19918
	W	mm	6421
	H	mm	9506
Feed hopper	Feeding width	mm	5430
	Feeding height	mm	7592
	Bucket capacity	m³	12 (expanded capacity is 18)
Vibrating feeder	Trough length	mm	5300
	Trough width	mm	1642
	Driving type	——	Hydraulic motor
	Rotation speed	rpm	750-1050
	Pre-screening hole	mm	90
Natural fine material conveyor	Belt width	mm	1400
	Belt length	mm	2600
	Belt speed	m/s	1.5
	Driving type		Hydraulic motor
Crusher	Driving type		Motor drive
	Motor power	kW	200
	Feeder inlet size	mm	1200×1400
	Rotation speed	rpm	220
	Max. feed size	mm	1100
	Range of discharge opening	mm	125-250
Main conveyor	Belt width	mm	1400
	Belt length	mm	12884
	Belt speed	m/s	2.4
	Discharge height	mm	4235
	Driving type		Reducer motor
	Motor power	kW	2×15
Power System	Engine model		DC16-071A
	Emission		Stage III
	Power	kW/rpm	438/1500
	Driving method		Engine+generator+motor/motor pump
	Generator power	kVA	550
	Diesel tank volume	L	900
Crawler travel	Chain wheel center distance	mm	4690
	Crawler shoe widt	mm	600

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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