

XGE1013



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Jaw Crusher

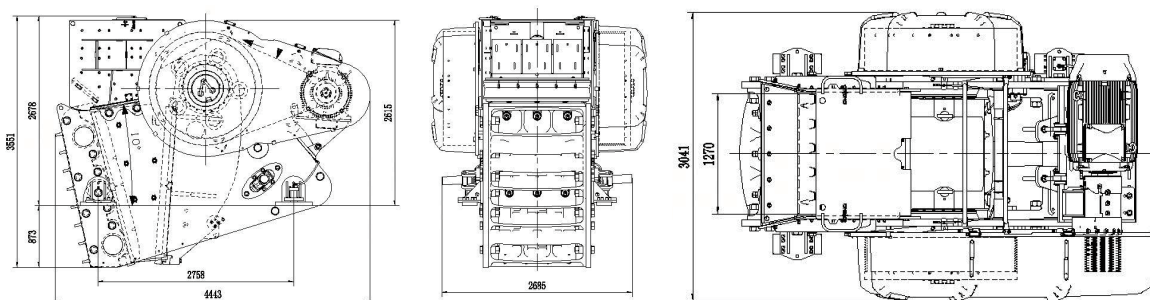
XGE1013 is a jaw crusher, which is independently developed by XCMG based on years of experience in research and development of machinery. This jaw crusher is more stable, more efficient and more intelligent, and as the primary crushing equipment in material machining, it is widely applied in mining, water engineering, metallurgy and building material industries.

Performance and characteristics

- Deep cavity design with steep crushing chambers allows materials to fall faster by their own weight, achieving high processing capacity.
- Based on the design concept of anti throwing, grinding, dripping, and leakage, the hopper structure has a larger feeding size and more continuous production..
- Specialized customized electric motor with increased starting torque and maximum torque, reinforced bearing design, and reinforced base design to ensure a stronger and more sustainable power source for the crusher.
- The elbow plate design technology ensures that the crusher is not damaged under special working conditions such as excessive iron and large materials entering the crushing chamber.
- The spindle adopts self-aligning roller bearings, combined with an automated lubrication system, for more reliable operation and longer bearing life.

Dimension in working configuration

Unit: mm



Main specifications

Item		Unit	Parameter
Main Parameters	Max. feedstock size	mm	800
	feed opening	mm	1000×1300
	Range of discharge opening	mm	100 ~ 250
	Processing capacity	t/h	270~831
	Driving type	-	Motor + narrow V belt
	Motor power	kW	185
	Main shaft speed	rpm	220
	Overall dimensions	mm	4443×3041×3551
Rack Assembly	Overall weight	kg	46300
	Rack material	-	G20Mn5
	Side panel material	-	Q355B
	Connection form	-	Pin joint structure, bolts
Moving Jaw Assembly	Material of fixed jaw lining plate	-	ZG120Mn18Cr2
	Type of fixed jaw lining plate	-	Standard lining plate
	Material of moving jaw body	-	G20Mn5
	Material of bearing seat	-	G20Mn5
	Material of large pulley and flywheel	-	HT250
	Eccentric shaft material	-	42CrMo
Drive Assembly	Material of moving jaw lining plate	-	ZG120Mn18Cr2
	Types of jaw lining plates	-	Standard lining plate
	Wheel material	-	HT250
	Rated power of motor	kW	185
Hydraulic System	Rated voltage of motor	V	380
	Locking cylinder diameter	mm	Ø100
	Lock the stroke of the oil cylinder	mm	443
	Locking cylinder rod diameter	mm	Ø50
	Rated working pressure of locking cylinder	MPa	25
	Adjust the cylinder diameter of the oil cylinder	mm	Ø160
	Adjust the stroke of the oil cylinder	mm	443
	Adjust the diameter of the oil cylinder rod	mm	Ø90
Lubrication System	Adjust the rated working pressure of the oil cylinder	MPa	25
	Customize according to customer needs		
Electrical System			Customize according to customer needs

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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