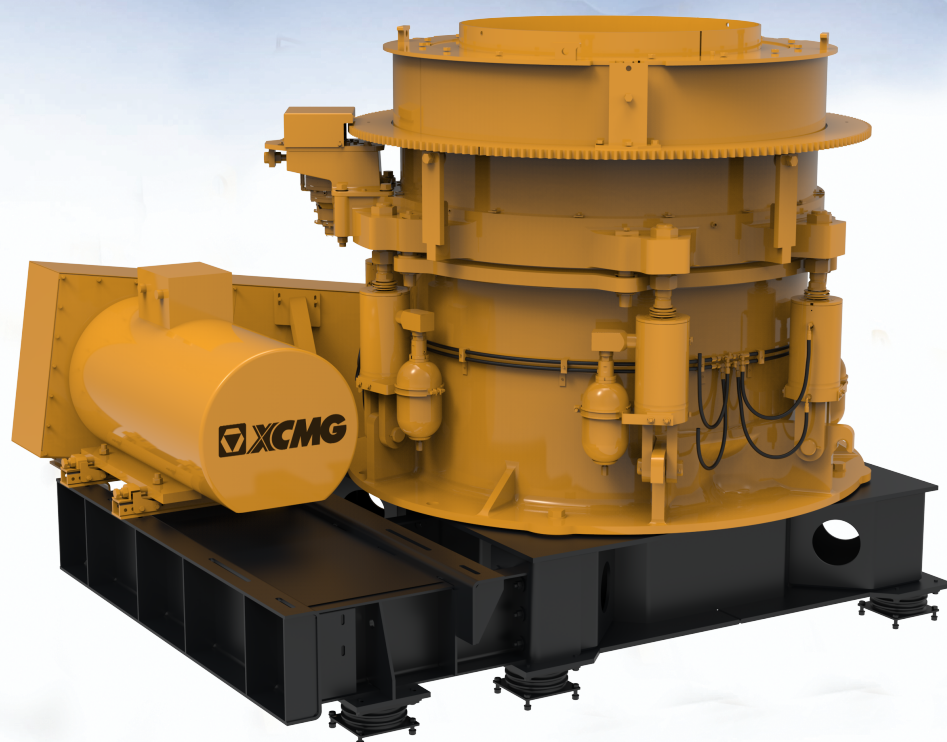


XGY1500



XGY1500

Multi Cylinder Cone Crusher

XGY1500 is a large-sized multi cylinder cone crusher, which is independently developed by XCMG based on years of experience in research and development of machinery. This cone crusher is more stable, more efficient and more intelligent, and as the second-step and third-step crushing equipment in material machining, it is widely applied in mining, water engineering, metallurgy and building material industries.

Performance and characteristics

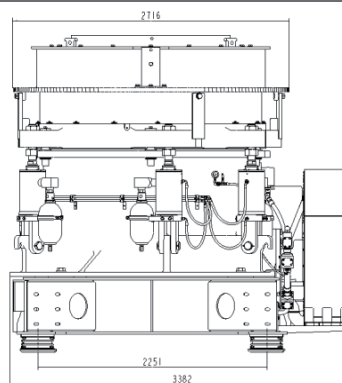
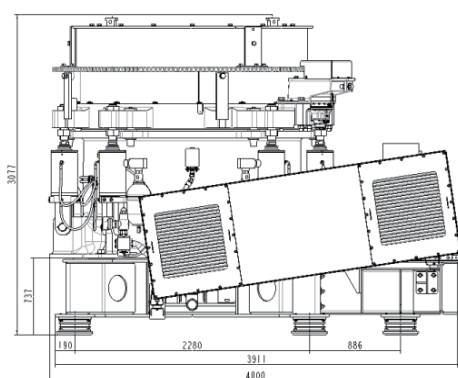
- With adoption of mature belt drive method, coupled with domestically well-known motor, machine power becomes stronger and crushing efficiency is higher. With low energy consumption and low noise, it significantly reduces environmental damage. Compared with same-level products, it has stronger crushing force and driving force that guarantee quick and efficient working performance.
- Strong, durable and well-tested components and precise manufacturing process make this product series more reliable and more efficient, and meet requirements of all working conditions.
- The standard positive pressure dust removal system can effectively

prevent dust from entering crusher, which extends the duration of lubricant, reduces abrasion of crusher parts and auxiliary devices. Independently innovating and designing efficient hydraulic system, combined with high-quality hydraulic elements, together with advanced and reliable negative electrical control system provides stronger protective capability and ensure efficient operations.

- Di-directional iron-pass release cylinder allows tramp iron to quickly pass, which may usually cause crushers to get stuck or damaged. So this mechanism can reduce the time spent on downtime maintenance and help the machine work longer.

Dimension in working configuration

Unit: mm



Item	Unit	Parameter
Max. feedstock size	mm	350
Range of discharge opening	mm	10~51
Rated handling capacity	t/h	175~790
Driving type	/	Motor + narrow V belt
Motor power	kW	400
Horizontal shaft speed	rpm	700~950
Horizontal shaft rotation	/	Counterclockwise (seen from outside)
Eccentric bushing speed	rpm	271~368
Eccentric bushing rotation	/	Counterclockwise (seen from top)
Working environment temperature	°C	-20~+40
Type of crushing chamber (Standard)	F	Min. discharge opening 16mm
	M	Min. discharge opening 20mm
	C	Min. discharge opening 25mm
	EC	Min. discharge opening 30mm
	EF	Min. discharge opening 6mm
Type of crushing chamber (Short Head)	F	Min. discharge opening 8mm
	M	Min. discharge opening 10mm
	C	Min. discharge opening 13mm
Overall weight	kg	41533
Overall dimensions (L×W×H) (oil station and cabinet are not included)	mm	3911×3279×3070
Motor assembly	Reduction ratio	/
	Braking torque	Nm
	Hydraulic motor displacement	mL/r
	Oil amount	L
Drive system	Driving type	/
	Motor power	kW
	Rated voltage of motor	V
	Motor max. torque/rated torque	/
Crusher attachments	Motor locked rotor torque/rated torque	/
	Motor weight	kg
	Shock absorber	/
	Energy accumulator volume	L
Hydraulic system	Inflation pressure of energy accumulator	bar
	Energy accumulator max. working pressure	bar
	Release cylinder working pressure	bar
	Release cylinder stroke	mm
Lubrication system	Hydraulic oil tank volume	L
	Pump	/
	Pump displacement	L/min
	Pump motor power	kW
Dust removal system	Diesel tank volume	L
	Pump design	/
	Pump displacement	L/min
	Pump motor power	kW
	Fuel heater power	kW
	Type	/
	Air input	m³/h
	Air pressure	KPa

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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