XCMG

Ref. XGL1050_DS_EN_V2026.01

XGL1050



XGL1050

Vertical-shaft Impact Crusher

XGL1050 Vertical-shaft impact crusher is made for fine crushing of various stones, features big ratio of crushing, high efficiency, good grain types and high rate of sand formation, and is widely applied to high-speed railway, expressways, nuclear power station and bridge construction projects for producing fine aggregates.

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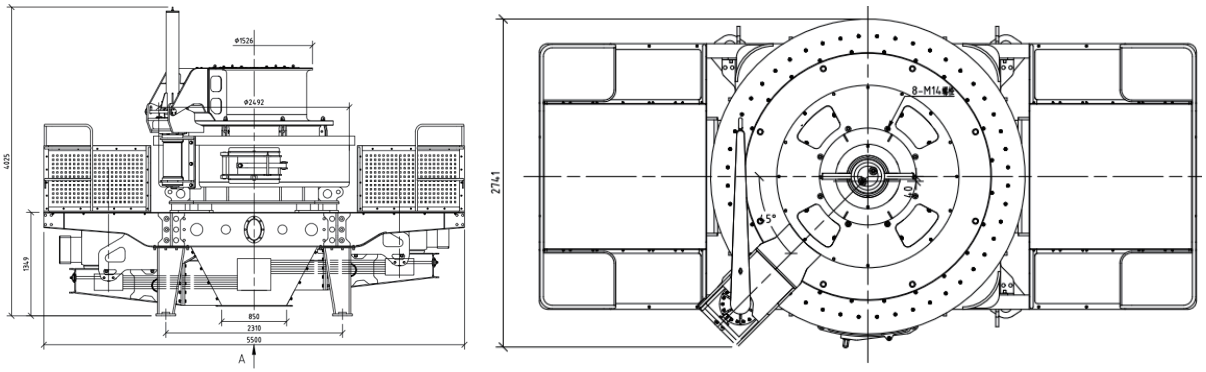
Vertical-shaft Impact Crusher

Performance and characteristics

- Rotor has a multiple-outlet design that increases material impacting odds during crushing process, and this design has outstanding energy-saving effect and outputs better grain types.
- Peripheral overflow can add to more than 10% of yield without increasing power; in addition, peripheral overflow can avoid overloading, which brings crusher to full play.
- The large-power dual-motor configuration is a guarantee of sufficient crusher power, making it easier to crush and shape materials of different properties, such as limestone, granite and basalt.
- This crusher uses wear parts made of all new materials and applies process technology of new designs. Compared with equivalent equipment, the service life of wear parts, such as trowing head, protective plate and runner plate, is increased by over 20%.

Dimension in working configuration

Unit: mm



Main specifications

Item		Unit	Parameter
Main technical parameters	Max. feedstock size (crushing)	mm	45
	Max. feedstock size (shaping)	mm	55
	Through-put (crushing)	t/h	340~370
	Through-put (shaping)	t/h	410~580
	Motor power	kW	500(Dual motor)
	Spindle speed	rpm	1000~1300
	Working environment temperature	℃	-20~+40
	Chamber type	-	Stone-strike-stone (standard), stone-strike-iron
	Rotor diameter	mm	1050
	Rotor height	mm	416
	Number of rotor hole	-	4
	Whole machine weight	t	19.55
	Overall dimensions (L×W×H) (oil station and cabinet are not included)	mm	5500×2740×4025
	System design	-	Closed loop, gravity return
	Diesel tank volume	l	240
	Rated pressure	MPa	0.63
	Flow rate	L/min	8~16
	Oil pump motor power	kW	0.5
	Safety protection	-	Automatic shutdown upon high return oil temperature Air cooling Heat-before-start in winter
	Dimensions(L×W×H)	mm	820×520×1270
	Fuel tank heater power	kW	2

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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