Ref. XPE0810E_DS_EN_V2026.01

XPE0810E



XPE0810E

Movable Jaw Crushing Station

XPE0810E movable jaw crushing station, as a primary breaking plant, applies to materials with different hardness, such as rocks, ores, construction waste, etc. Efficient and reliable breaker provides strong breaking force. External power drive mode are used early for XPE0810E among domestic movable jaw crushing stations at the same level. The fuel is saved and the operation cost is reduced. The whole machine can bring you outstanding breaking experience by virtue of professional design, lean manufacturing, ultrahigh reliability, and intelligent control system.

XPE0810E

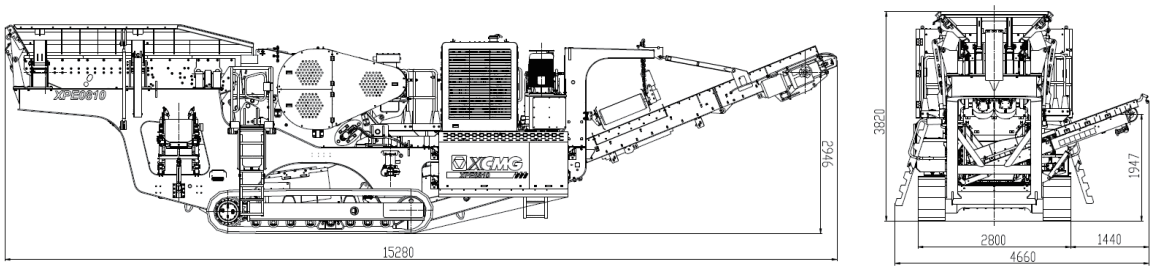
Movable Jaw Crushing Station

Performance and characteristics

- XPE0810E movable jaw crushing station is efficient and energy-saving due to its hybrid synergy drive, which leads domestic movable jaw crushing stations at the same level. has high working condition adaptability. The breaker, vibrator feeder, belt conveyor, etc. use the motor drive mode and have high transmission efficiency. Compared with products (using full hydraulic drive) at the same level, XPE0810E has obvious oil saving effect. 380V external power connection is supported to further reduce the customer operation cost.
- As the core component, crusher is equipped with bearing temperature detection, motor temperature detection, rotation speed detection and automatic lubrication systems. Key components, power system, vibration feeder and conveyor, are made with reliable mature techniques and manufacturing processes. Main components of electric system are well-known brands, such as Siemens, ABB and Wika; strong and weak current are partitioned in the electric cabinet, which has a positive pressure dust removal system. Hydraulic system uses an advanced load-sensing control system, whose main components are famous brands, such as Casappa, Hawe and PMP. Continuity and high working efficiency are guaranteed, so as to bring customers high return.

Dimension in working configuration

Unit: mm



Main specifications

Name		Unit	Parameter
Overall weight		kg	44000
capacity		t/h	140～300
Transportation dimensions (L x W x H)		mm	15280×4660×3820
Transportation dimensions (L x W x H)		mm	15650×2963×3645
Min. ground clearance		mm	244
Travel speed		km/h	0.9/0.5
Gradeability		°	13
Breaker	Breaker type	/	Compound pendulum jaw Breaker
	Main machine power	kW	110
	Feeder inlet size	mm	1060×700
	Adjustable range at the discharge opening	mm	75～200
	Maximum feeding granularity	mm	560
	Speed	rpm	280
	Main machine weight	kg	17500
Power system	Engine manufacturer	/	Yuchai Group
	Engine model	/	YCF36110-T480
	Emission standard	/	China III
	Power	kW	81kW/2200rpm
	Diesel tank volume	L	550
Feed hopper	Feeding height	mm	3820
	Capacity	m³	5
	Structural style	/	Hydraulic folding
Vibrating feeder	Feeding capability	t/h	300
	Rated speed	rpm	960
	Adjustable speed range	rpm	750～960
	Driving type	/	Vibration motor
	Power	kW	2×2.6
	Dimensions (L x W)	mm	3885×1050
Main conveyor	Belt width	mm	1000
	Length	m	11.0
	Discharge height	mm	2946
	Belt speed	m/s	1.7
	Driving type	/	Reducer drive
	Power	kW	11.0
Natural fine material conveyor (optional)	Belt width	mm	500
	Length	m	3300
	Belt speed	m/s	2.0
	Discharge height	mm	1946
	Driving type	/	Electric roller drive
	Driving power	kW	3.0
	Extension direction	/	Both sides (electric box side by default)
Magnetic separator	Belt width	mm	800
	Belt speed	m/s	1.56
	Rated suspension height	mm	300
	Rated height magnetic strength	mT	≥70
	Driving type	/	Reducer drive
	Driving power	kW	3.0
Crawler travel	Bearing capacity	t	50
	Chain wheel center distance	mm	3370
	Crawler shoe width	mm	500
	Crawler center distance	mm	2300

Notes:
Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.

XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com

Offical Website Facebook Youtube