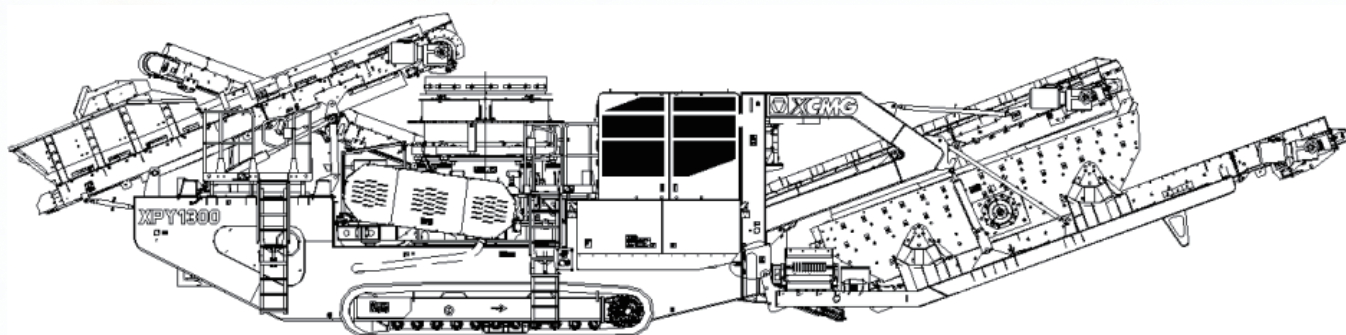


XPY1300D



XPY1300D

Movable Cone Crushing Station

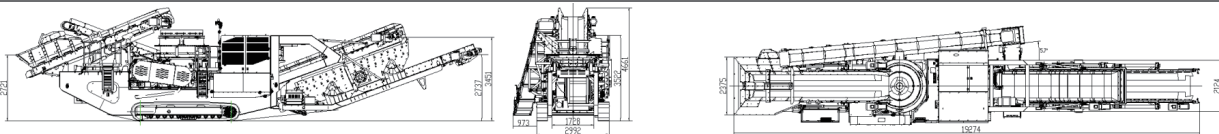
XPY1300D movable cone crushing station has reliable performances and a pleasant appearance, and is equipped with a multi-cylinder hydraulic cone crusher, a hydraulic lubrication system, an advanced electric control system and self-adaptive engine power matching technology, and the overall machine design has reached world advanced level. It is widely used for coarse crushing of highly abrasive natural stones and for intermediate and fine crushing, and the application can be extended to mining field.

Performance and characteristics

- With mature engine and generator set used, it has stronger power and high crushing efficiency. Low emission and low noise greatly reduce hazards to the environment. Compared with products at the same level, XPY1300 has stronger crushing force, driving force, and tractive force and ensures quick and efficient equipment running. It is sturdy and durable and has low oil consumption, so it can meet requirements in all working conditions. Proven & durable components and precise manufacturing processes make this series of products with higher reliability and efficiency.
- The low-pressure dust removal system, whose branch flow is under independent control, has a better de-dusting effect.
- Hydraulic system from international famous brands and high-quality hydraulic elements, together with advanced and reliable negative flow control system provides stronger protective capability and ensure efficient operations.
- An optional convenient and foldable material return system can realize cycle crushing in a closed circuit, which largely improves production capacity.

Dimension in working configuration

Unit: mm



Item		Unit	Parameter
Overall machine parameters	Curb weight (Including material return conveyor)	kg	72760
	Curb weight (Not including material return conveyor)	kg	62019
	handling capacity	t/h	140-635
	Max. grade ability	°	11
	Travel speed	km/h	0.5/0.85
	Fuel tank capacity	L	1050
	Hydraulic oil tank capacity	L	260
Dimension in work configuration (Including material return conveyor)	Lubrication oil tank capacity	L	400
	Overall length	mm	21396
	Overall width	mm	4478
	Overall height	mm	5199
Dimension in work configuration (Not including material return conveyor)	Overall length	mm	18780
	Overall width	mm	3150
	Overall height	mm	5199
	Overall length	mm	16519
Dimension in transport configuration	Overall width	mm	3475
	Overall height	mm	3900
	Capacity	m ³	3/5
Feed hopper	Feed height	mm	3040
	Belt width	mm	1200
Feeder conveyor	Belt speed	m/s	1.03
	Length	mm	6740
	Power	kW	2×11
Crusher	Crusher form	—	Multi-cylinder hydraulic cone crusher
	Moving cone diameter	mm	1320
	Power	kW	315
	Max. feeding granularity	mm	300
	Discharge opening size	mm	10~51
	Drive form	—	Motor drive (V belt)
	V-belt tensioning frequency	Hz	20±3
Transfer conveyor	Belt width	mm	1200
	Belt speed	m/s	1.76
	Power	kW	15
Transfer conveyor	Length	mm	11000
	Belt width	mm	650
	Belt speed	m/s	1.48
Transfer conveyor	Length	mm	2800
	Power	kW	4
Magnetic separator(optional)	Magnetic force	mT	50-70
	Lifting height	mm	300
Screening system(optional)	Screening machine size	mm	1500×5000
	Number of screen layers	mm	2
Screening conveyor(optional)	power	kW	9
	Belt width	mm	1200
	Belt speed	m/s	1.55
Screening conveyor(optional)	Length	mm	7400
	Power	kW	11
Returning conveyor(optional)	Belt width	mm	650
	Belt speed	m/s	1.48
	Length	mm	11400
Returning conveyor(optional)	Power	kW	7.5
	Model	—	YCK16775-T300
Engine	Brand	—	Yuchai
	Engine power	kW	570
	Rated speed	rpm	1500
Generator	Emission level	—	Stage III
	Model	—	ECO40 2L4C
	Rated voltage	V	400
Generator	power	KVA	625
	Frequency	Hz	50
Crawler assembly	Crawler shoe width	mm	500
	Travel speed	km/h	1.1
	Chain wheel center distance	mm	4168
Drive form		—	Hydraulic drive

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



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