

XPF1214D



XPF1214D

Movable Impact Crushing Station

XPF1214D movable impact crushing station is specially developed for breaking rocks with low/middle hardness (limestone, bluestone) and construction waste. XPF1214 has the following functions: discharge port accurate regulation - stable grain diameter and shape; oil-electric hybrid - applying to multiple working conditions; feeding adaptive adjustment system - reduces the material blockage risk and ensures continuous & reliable machine operation; overload protection and iron-passing protection; intelligent fault detection and real-time monitoring - accurate and fast troubleshooting; 562KW high-power engine - powerful and efficient. The complete machine can bring you outstanding breaking experience by virtue of professional design, lean manufacturing, ultrahigh reliability, and intelligent control system.

Performance and characteristics

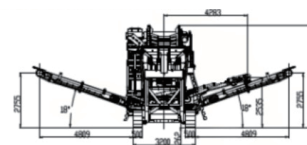
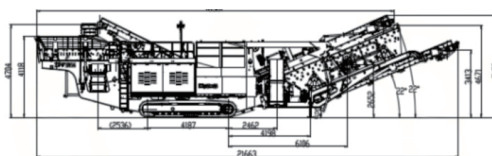
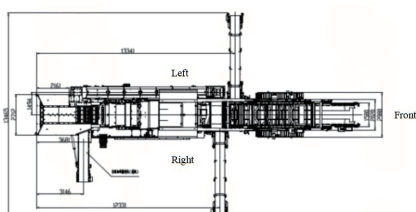
- 562KW high-power engine (China III) and hybrid synergy drive make the power strong and efficient, applicability strong, and usage & maintenance cost low.
- The engine speed can be adjusted among four gears and the engine applies to different raw material conditions, so the most efficient breaking and the optimal fuel economy can be ensured.
- The double-layer feeding & pre-screening machine not only pre-screens fine materials, but also serves as a bypass path

for finished products to pass, which increases through-put capacity.

- The curved board hammer design can long guarantee the impact breaking performance and improve the particle size of products.
- The three-layer returning & screening system can realize rapid dismantling and installation and is equipped with a 1530 × 6000 ultra-large screening area, providing a higher screening efficiency.

Dimension in working configuration

Unit: mm



Main specifications

Name		Unit	Parameter	Name		Unit	Parameter
Max. theoretical handling capacity		t/h	80-450	Screening machine	Amplitude	mm	6-8
Hardness of crushed materials		M Pa	≤150		Angle of screening surface	°	22
Curb weight (including screening system)		Kg	74300		Number of layers	—	3
Curb weight (not including screening system)		Kg	61300	Transfer conveyor	Driving power	Kw	2×8.5
Working dimensions (including screening system)	Length	mm	21663		Center distance	mm	1620
	Width	mm	13465		Belt width	mm	500
	Height	mm	5179	Returning conveyor	Power	Kw	3
Working dimensions (not including screening system)	Length	mm	18361		Driving mode	—	Electric roller
	Width	mm	4231		Belt speed	m/s	1.39
	Height	mm	5179	Medium material conveyor	Center distance	mm	9920
Transport dimensions (excluding screening and returning system)	Length	mm	19078		Belt width	mm	650
	Width	mm	3564	Screening conveyor	Power	Kw	7.5
	Height	mm	3866		Driving mode	—	Electric roller
Transport dimensions (independent screening and returning system)	Length	mm	10485		Belt speed	m/s	1.72
	Width	mm	3345	Screening conveyor	Center distance	mm	7600
	Height	mm	3455		Belt width	mm	650
Feed hopper	Standard capacity	m³	4.5	Magnetic separator	Power	Kw	5.5
	Feeding height	mm	4200		Driving mode	—	Electric roller
	Dimensions (L x W)	mm	4200×1295		Belt speed	m/s	2.15
Vibration feeder	Feeding capability	t/h	300	Power system	Center distance	mm	7600
	Rated speed	rpm	960		Belt width	mm	650
	Adjustable speed range	rpm	750-960	Generator	Power	Kw	5.5
Natural fine material conveyor	Driving type	—	Vibration motor		Driving mode	—	Electric roller
	Amplitude	mm	5—7		Belt speed	m/s	2.15
	Belt width	mm	650	Chassis assembly	Center distance	mm	7850
Impact breaker	Length	m	5100		Belt width	mm	1200
	Belt speed	m/s	2.15		Power	Kw	11
	Discharge height	mm	2500	Diesel tank volume	Driving mode	—	Motor + reducer
Vibrating unloader	Driving type	—	Electric roller		Belt speed	m/s	1.48
	Driving power	kW	5.5		Magnetic force	mt	50-70
Main conveyor	Feeder inlet width	mm	1300	Radiator	Lifting height	mm	300
	Feeder inlet height	mm	900		Power	Kw	3
	Rotor width	mm	1280		Belt speed	m/s	2.5
Screening machine	Rotor diameter	mm	1200	Hydraulic oil tank	Model	—	WP14TG765E304
	Rotor speed	r/min	532-640		Brand	—	Weichai
	Upper opening	mm	50-450		Power	Kw	562
Notes:	Lower opening	mm	0-200	Generator	Speed	rpm	1500-1800
	Driving power	kW	250		Emission level	—	Off-road China III
	Transmission belt tensioning frequency	HZ	45±5		Rated power	KVA	550
Vibrating unloader	W	mm	1200	Chassis assembly	Rated voltage	V	400
	Length	mm	2700		Frequency	HZ	50-60
	Amplitude	mm	8-10	Diesel tank volume	Belt width	mm	500
Main conveyor	Center distance	mm	11630		Center distance	mm	4187
	Belt width	mm	1400	Hydraulic oil tank	Average ground pressure	kPa	170
	Power	Kw	15		Max. grade ability	°	12
Screening machine	Driving mode	—	Motor + reducer	Radiator	Traveling speed	Km/h	0.9
	Belt speed	m/s	1.7		Volume	L	800
	Angle	°	23		Volume	L	350
Screening machine	W	mm	1550		Volume	L	55
	Length	mm	6200				

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



Official Website



Facebook



Youtube