Ref. XFY2160K_DS_EN_V2026.01

XFY2160K



XFY2160K

Frame Screening Plants

XFY2160K frame screening plants is integrated with stock-feeding, screening and conveying functions. The whole machine can bring outstanding user experience by virtue of professional design, lean manufacturing, ultrahigh reliability and intelligent control system. which can be widely used in the treatment of urban construction waste, open-pit coal mining, road and bridge construction, metallurgy, energy, mining, building materials, highways, railroads, water conservancy, and the production of sand and gravel materials for high-speed railways. The screening machine is equipped with three layers of screen, which can screen out four different materials, and the screen specifications can be selected according to the user's needs to achieve different screening effects and meet the needs of medium and fine materials screening.

XFY2160K

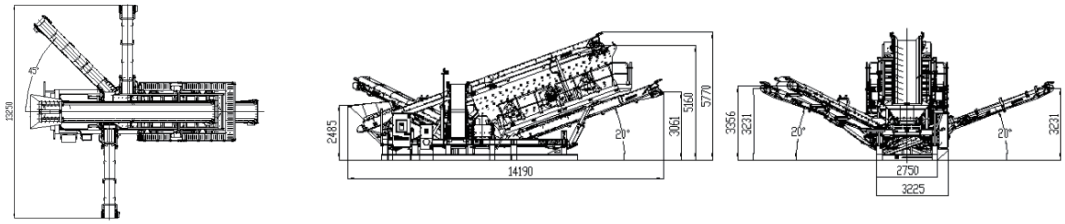
Frame Screening Plants

Performance and characteristics

- Screener and conveyor are electrically driven, have high system efficiency, reduce overall machine load and lower energy consumption; can link to external power sources to further reduce the customer operation cost.
- It is equipped with a spray dust removal system that drastically restrains the dust raised by the equipment and decreases the dust pollution.
- The hydraulic cylinder drive of the folding mechanism can easily complete the stretching and folding work, so as to quickly switch between the transportation state and the working state.
- Intelligent fault detection function that real time monitors and saves machine running state easily detects and locates the fault, saves both time and effort.
- The angle adjustment between the screening conveyor and the screening machine is synchronous, with a simple and reliable structure and more convenient operation;

Dimension in working configuration

Unit: mm



Main specifications

Name		Unit	Parameter
Whole machine parameter	Curb weight	kg	28700
	Disposal capacity	t/h	100-500
Main conveyor	Belt length	mm	11255
	Belt width	mm	1000
	Belt speed	m/s	2
	Driving type	—	Drum motor
	Power	kW	15
Screening conveyor	Belt length	mm	7050
	Belt width	mm	1000
	Belt speed	m/s	2
	Driving type	—	Drum motor
	Power	kW	7.5
Transfer conveyor	Belt length	mm	1795
	Belt width	mm	650
	Belt speed	m/s	1.25
	Driving type	—	Drum motor
	Power	kW	4
Oversize material conveyor	Belt length	mm	6300
	Belt width	mm	650
	Belt speed	m/s	2
	Driving type	—	Drum motor
	Power	kW	5.5
Coarse material conveyor	Belt length	mm	7545
	Belt width	mm	650
	Belt speed	m/s	2
	Driving type	—	Drum motor
	Power	kW	5.5
Middle material conveyor	Belt length	mm	7545
	Belt width	mm	650
	Belt speed	m/s	2
	Driving type	—	Drum motor
	Power	kW	5.5
Screening machine	Model	—	Circular vibrating screen
	Dimension	mm	2100×6000
	Power	kW	2×7.5
	Layer	—	3
	Boom angle	°	20
	Driving type	—	Vibration motor
Working state dimension	Overall length	mm	14190
	Overall width	mm	13250
	Overall height	mm	5770
Transportation state dimension	Overall length	mm	16080
	Overall width	mm	3790
	Overall height	mm	3830

Note: The overall processing capacity of the machine is affected by the characteristics of the materials (such as moisture content and soil content) and the aperture of the screen.

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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