

XFT1860E



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Movable Screening Station

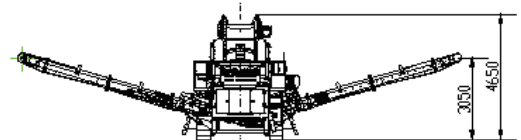
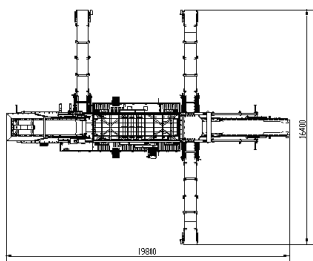
XFT1860E movable screening station is integrated with stock-feeding, screening and conveying functions. The whole machine can bring outstanding user experience by virtue of professional design, lean manufacturing, ultrahigh reliability and intelligent control system. Highly efficient three-shaft elliptical screener has a strong screening capacity and precise grading performance, is very suitable for screening medium and fine aggregates; it is diesel driven and electrically powered, and the hybrid power configuration enables it to adapt to various working conditions; intelligent fault detection can real-time monitor and troubleshoot fault in an accurate and quick manner.

Performance and characteristics

- It is both fuel powered and electrically powered, and can be connected with live line for work, which helps reduce operating cost and decrease emission.
- Full-power engine and generator can work on its own power, power output is highly efficient and can greatly increase fuel economy.
- Screener and conveyor are electrically driven, have high system efficiency, reduce overall machine load and lower energy consumption.
- It is equipped with a spray dust removal system that drastically restrains the dust raised by the equipment and decreases the dust pollution.
- It has an elliptical motion trail that results in high screening efficiency, precise grading and smooth material screening performances. Large amplitude and large handling capacity lead to lower rate of screener blockage. Materials make jumping movement which causes little abrasion to screen, so that screen enjoys a longer lifespan.

Dimension in working configuration

Unit: mm



Main specifications

Name		Unit	Parameter
Whole machine parameter	Curb weight	kg	44300
	Disposal capacity	t/h	150-600
	Max. Grade ability	°	8
	Travel speed	Km/h	0.6/1.2 (two gears)
Feed hopper	Standard volume	m³	2.5 (extendable)
Feeding conveyor	Belt width	mm	1200
	Power	kW	15
Screen	Type	—	Elliptical vibrating screen
	Dimension	mm	1900×6100
	Number of layers	—	3
	Working angle	°	0
	Power	kW	30
Extra large aggregate conveyor	Belt width	mm	1000
	Discharge height	mm	3835
	Power	kW	7.5
Coarse material conveyor	Belt width	mm	800
	Discharge height	mm	3040-4100
	Power	kW	7.5
Middle material conveyor	Belt width	mm	800
	Discharge height	mm	3040-4100
	Power	kW	7.5
Fine material conveyor	Belt width	mm	800
	Discharge height	mm	3040-4100
	Power	kW	7.5
Crawler assembly	Crawler shoe width	mm	500
	Sprocket center distance	mm	3809
Power system	Engine manufacturer and mode	—	Yuchai YCA07P210-T300
	Engine power	kW	154
	Emission standard	—	ChinaIII
	Diesel tank volume	L	570
	Generator manufacturer and model	—	Meccalte ECP34 2M4C
	Generator power	kW	108
	Generator frequency	Hz	50
	Overall length	mm	19800
Dimensions in working status	Overall width	mm	16400
	Overall height	mm	4650
	Overall length	mm	19700
Dimension in transport configuration	Overall width	mm	3490
	Overall height	mm	3720

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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