Ref. XFY1536_DS_EN_V2026.01

# XFY1536




# XFY1536

## Movable Screening Station

The XFY1536 movable screening station is a specialized equipment for trench backfilling construction. It has multiple functionalities such as on-the-go screening, fine aggregate screening for backfilling, and large-sized aggregate stripping, and is characterized by convenient transport, low energy consumption, high flexibility and strong adaptability; besides, it can reduce transport cost and is convenient for maintenance.

# XFY1536

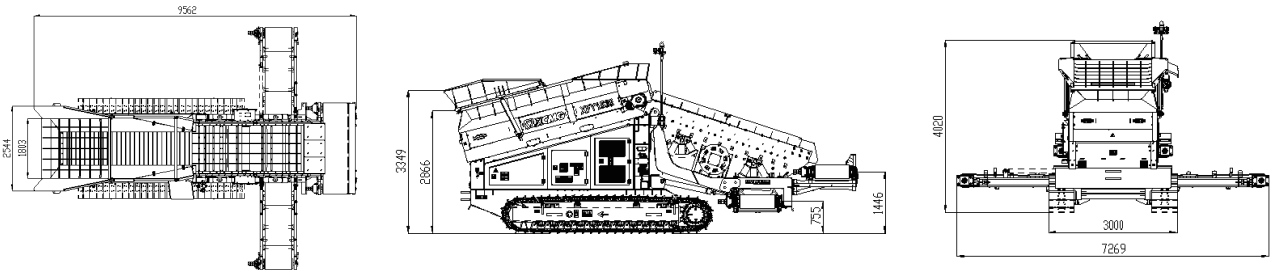
Movable Screening Station

## Performance and characteristics

- Equipped with a Yuchai engine, it has a fast response speed and efficient power output, greatly improving fuel economy.
- Damping design of engine, radiator, etc., small vibration of equipment operation, reducing noise pollution.
- Multi-pump and multi-valve hydraulic drive mode, improve the efficiency of the hydraulic system and greatly reduce the load of the whole machine.
- 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.
- The screening machine can be configured with various types of screens, which can cope with a variety of working conditions and be more adaptable.
- Adopt multi-pump and multi-valve hydraulic drive, the operation of each road execution components is more stable and reliable.

## Dimension in working configuration

Unit: mm




## Main specifications

| Name | | Unit | Parameter |
|---|---|---|---|
| Whole machine parameter | Curb weight | kg | 29500 |
| | Max. Disposal capacity | t/h | 60～300 |
| | Max. Grade ability | ° | 28 |
| | Travel speed | Km/h | 0-4 |
| | Fuel tank capacity | L | 440 |
| | Hydraulic oil tank capacity | L | 850 |
| Feeding hopper | Standard volume | m³ | 3 |
| | Specifications of the pre-screening grid | mm | 300×300 |
| | Pre-screening grid flip | — | Driven by hydraulic cylinders |
| Feeding conveyor | Belt width | mm | 1200 |
| | Belt speed | m/s | 0～0.4 |
| Screening machine | Model | — | Circular vibrating screen |
| | Dimension | mm | 1530×3600 |
| | Layer | — | 2 |
| | Boom angle | ° | 18 |
| | Driving mode | — | Hydraulic drive |
| | Driving frequency | rpm | 900 |
| Oversize material conveyor | Belt width | mm | 800 |
| | Belt speed | m/s | 0～1.6 |
| | Length | mm | 2407 |
| | Steering | — | Forward and reverse |
| Screening conveyor | Belt width | mm | 800 |
| | Belt speed | m/s | 0～3.6 |
| | Length | mm | 6916 |
| | Range of lateral movement | mm | ±1500 |
| | Range of single-side extended tracks | mm | 458～3458 |
| | Steering | — | Forward and reverse |
| Crawler assembly | Crawler shoe width | mm | 600 |
| | Sprocket center distance | mm | 4130 |
| | Driving mode | — | Hydraulic drive |
| Power system | Engine | — | YCA07210-T300 |
| | Engine power | kW | 154 |
| | Rated speed | rpm | 2200 |
| Working state dimension | Overall length | mm | 9562 |
| | Overall width | mm | 7269 |
| | Overall height | mm | 4020 |
| Transportation state dimension | Overall length | mm | 9562 |
| | Overall width | mm | 3000 |
| | Overall height | mm | 3600 |

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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