Ref. XYS1020_DS_EN_V2026.01

# XYS1020




# XYS1020

## Mobile Conveyor

XYS1020 mobile conveyor is mainly applied to recycling and reusing of aggregates, construction waste and mine exploitation sector. It can not only individually transport and stack materials of all kinds, but also be connected in series with crushing and screening equipment and constitute a joint production line for crushing and screening purpose. It can replace some of loading-transporting equipment, and erase noise, eliminate dust and remove exhaust gas emission caused during frequent dumping operations, improve productivity and operating continuity of existent crushing and screening equipment, reduce equipment investment and managerial cost of operating staff. it features low energy consumption, strong flexibility and high adaptability; in addition, it is easy for transportation and convenient for maintenance.

# XYS1020

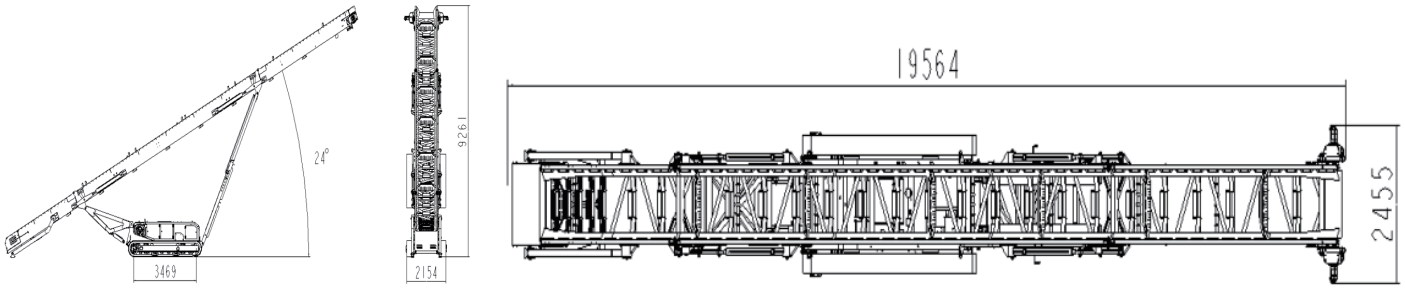
Mobile Conveyor

## Performance and characteristics

- It carries a Yuchai off-road China national IV engine that has fast response and efficient power output, which largely increases fuel economy.
- External power supply is optional for driving the conveying system, which reduces energy, decreases emission and cuts down operating cost.
- Engine and radiator are shock absorptive, can restrain equipment vibration and reduce noise pollution.
- Multiple pumps and valves are used in the hydraulic system to increase working efficiency, which significantly reduces machine load.
- Driven by hydraulic cylinders, the folding mechanism extends and unfolds quickly, and swiftly switches from transport configuration to working state.
- It has a stable design that' s fit for multiple operation modes, and is applicable to various operation modes and terrains.

## Dimension in working configuration

Unit: mm




## Main specifications

| Name | | Unit | Parameter |
|---|---|---|---|
| Whole machine parameter | Curb weight | kg | 15000 |
| | Max. Disposal capacity | t/h | 450 |
| | Discharge height | m | 8.7 |
| | Max. Grade ability | ° | 12 |
| | Travel speed | Km/h | 1.0 |
| | Fuel tank capacity | L | 200 |
| | Hydraulic oil tank capacity | L | 300 |
| Feeding hopper | Volume | m³ | 1.4 |
| | Feeding height | m | 1.65-2.85 |
| Main conveyor | Belt width | mm | 1000 |
| | Belt length | m | 20.34 |
| | Belt speed | m/s | 0～1.6 |
| Crawler Assembly | Crawler shoe width | mm | 300 |
| | Sprocket center distance | mm | 3469 |
| | Drive form | — | Hydraulic drive |
| Power system | Engine | — | Yu chai YCF3075-T480 |
| | Engine power | kW | 55.8 |
| | Rated speed | rpm | 2200 |
| Dimensions in working status | Overall length | mm | 19564 |
| | Overall width | mm | 2455 |
| | Overall height | mm | 9261 |
| Dimension in transport configuration (Including feeding hopper) | Overall length | mm | 11791 |
| | Overall width | mm | 2455 |
| | Overall height | mm | 3708 |
| Dimension in transport configuration(Not including feeding hopper) | Overall length | mm | 11897 |
| | Overall width | mm | 2455 |
| | Overall height | mm | 2722 |

**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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