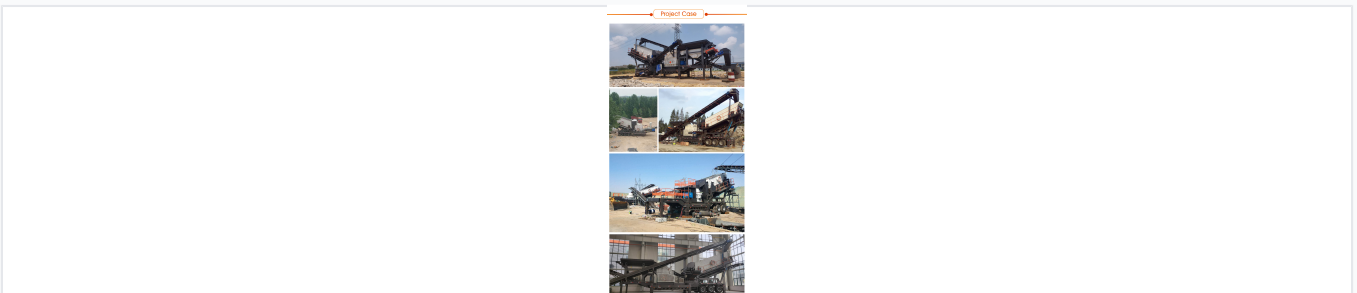


Mobile Jaw Crushing Plant

The jaw mobile crushing station features a high-performance jaw crusher, truck feeder, and optional vibrating screen. Designed for diverse mobile crushing scenarios, it eliminates operational barriers, reduces material handling costs, and offers flexible combination options for various material types and sizes.



Overview



Mobile crushing plant deployed on-site for primary crushing operations.

High-Efficiency Mobile Jaw Crushing Plant

This mobile jaw crushing plant is designed for versatile primary crushing applications in mining, quarrying, and construction. Featuring a robust jaw crusher mounted on a heavy-duty chassis, it offers excellent mobility, quick setup, and the ability to handle large feed sizes with high reduction ratios. The system includes an integrated vibrating feeder and discharge conveyor for consistent material flow, ensuring high throughput and reliable operation in demanding environments.

Technical Specifications

TECHNICAL SPECIFICATIONS

Model	Max Feed Size (mm)	Processing Capacity (t/h)	Engine Power (kW)	Weight (t)
XRJ6	500	280	164	39
XRJ7	630	400	242	48
XRJ8	720	500	317	65
XRJ10	950	800	390	115

MAIN FEATURES

- Compact and lightweight design suitable for narrow field operations
- Full hydraulic pressure adjustment for jaw crusher
- Pre-screening system on bar feeder to remove dust and waste
- Integrated permanent magnet iron removal equipment
- Anti-deflection plate to protect belt conveyor
- Slope operation capability for mining and hydropower projects



A detailed look at the technical specifications and operational dimensions of the mobile crushing plant series.

Main Technical Specifications

Item	XRJ6	XRJ7	XRJ8	XRJ10
Max Feed Size (mm)	500	630	720	950
Processing Capacity (t/h)	280	400	500	800
Engine Type	Cummins T3	Cat C9	Cat C12	Cat C15
Power (kW)	164	242	317	390
Weight (t)	39	48	65	115

Discharge Opening Adjustment Range: 60-175 mm (J6), 70-200 mm (J7), 70-220 mm (J8), 100-250 mm (J10)

Key Features

Key Features

- Compact and lightweight design suitable for narrow field operations
- Full hydraulic pressure adjustment for jaw crusher
- Pre-screening system on bar feeder to remove dust and waste
- Integrated permanent magnet iron removal equipment
- Anti-deflection plate to protect belt conveyor
- Slope operation capability for mining and hydropower projects

Operational Metrics

Mobility & Transport

1 km/h

Movement Speed

20 %

Max Gradability