MOLA™

CRUSHING, SHREDDING, AND SCREENING EQUIPMENT
FOR WASTE MANAGEMENT, RECYCLING, AND CONSTRUCTION

MOBILE JAW CRUSHERS

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Mobile jaw crushers MOLATREK

MOLATrek is a high-performance jaw crusher designed for processing reinforced concrete, construction waste, natural rock, and mineral materials. Thanks to its relatively compact dimensions, quick adjustment options, and easy maintenance, MOLATrek is a practical solution for demanding recycling and crushing tasks. The equipment can be connected to an external power supply.

- Euro 3 diesel engines
- Automatic material feeding (ultrasonic sensor in the crushing chamber)
- Intelligent crushing process control (simultaneous acceleration/deceleration of feeder and jaw crusher operation)
- V-belt drive belt monitoring
- Integrated rebar bender
- Reinforced belt (optional)
- Easy access to electrical equipment and control cabinets for operation and maintenance
- PLC control system and color display showing all operating parameters of the equipment
- Advanced automatic crushing control system, common for all medium-class mobile crushers
- Wiring in rubber-coated metal conduits (oil-resistant and impact-resistant)
- Operating temperature: −35°C to +40°C (Sub-zero) / Hot Climate: subject to technical confirmation
- High-efficiency air dedusting system for the engine air intake
- Engine cooling fan with automatic reverse (optional) - allows automatic reverse airflow to clear dust from the radiator
- Magnetic separator (optional)
- High ground clearance
- Air intake mast for ICE and electrical cabinet (cabinet with clean air pressurization)

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MOLATrek - general specifications

Parameters	MT106
Feed hopper	
Side walls	Hydraulically folding
Size (length × width)	4200 × 2284 mm
Side wall thickness	16 mm
Maximum volume	6 m^3
Feeder	
Bar grizzly	Adjustable (depending on material)
Lining	Replaceable (wear-resistant steel)
Size (length × width)	3800 × 1200 mm
Bar length	1466 mm
Drive	Hydraulic with variable speed
Jaw crusher	
Feed opening	1060 × 700 mm
Maximum feed size	580 mm
Flywheel rotation speed	280 rpm
Drive	Hydraulic (with reverse)
Hydraulically adjustable closed-side setting	70–200 mm, hydraulic
Main conveyor	
Width (monolithic chevron belt)	1000 mm
Length	10000 mm
Drive	Hydraulic
Driving drum	Self-cleaning tail drum
Speed control	available
Fines conveyor	
Width	650 mm
Length	3600 mm
Drive	Hydraulic
Rebar damage protection	included
Belt monitoring	included
Control system	
Intuitive touch-display control system	included
Light and sound alarm	included
Magnetic separator (optional)	
Extraction zone depth	up to 250 mm
Weight of extracted items	up to 30 kg
Hydraulic lifting and lowering system	included
Weight	1250 kg

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MOLATrek - general specifications

Parameters	MT106
Power unit	
Engine / power	Yuchai, 220 kW
Total electric power	-
Fuel tank	400 L
Engine and hydraulic system radiators	Radiator core with wide fin spacing and straight fins
Fans	Automatic reversing mode
Filter contamination sensor	Output to operator panel
Cyclone filter	included
Industrial coarse & fine filters	included
Hydraulic tank volume	200 L
Service control system	
Engine temperature control	included
Fuel level control	included
Oil pressure control	included
Oil temperature control	included
Oil level control	included
Hydraulic system overload protection	included
Schneider Electric controller	included
Electrical equipment protection class	IP65
Double protection of electronics & controller	included
Integrated IoT telematics for remote monitoring	included
Electrical wiring in oil-resistant flexible metal conduits	included
Wireless remote control	included
Climate package: Sub-zero (standard) / Hot Climate*	package-dependent*
Crawler chassis (std. configuration)	
Track type	Metal
Length	4862 mm
Shoe width	500 mm
Speed	up to 1 km/h
Drive	Hydraulic
General technical specifications	
Transport dimensions (L×W×H) mm	18490 × 3385 × 3800
Working dimensions (L×W×H) mm	20210 × 7795 × 4920
Total weight	40 000 kg
Capacity	180–540 t/h
Maximum climbing angle	14°
Maximum lateral inclination	10°

*Hot Climate configuration and specific high-temperature adaptations depend on operating conditions and are subject to technical confirmation.

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