



**KAMY CHINA**  
Electromechanical

# ROADHEADER EBZ90

**KAMY**  
**Creating Value**  
**For Users**



## Remote Control

Wireless and wired integration allows control over distances of up to 500m.



## Compact Structure

Small and agile body design enables flexible operation and easy component replacement.



## Fault Alarm System

Automated fault detection for rapid troubleshooting.



## Reliable Design

Durable cutting and travel reducers with a service life of up to 5,000 hours.



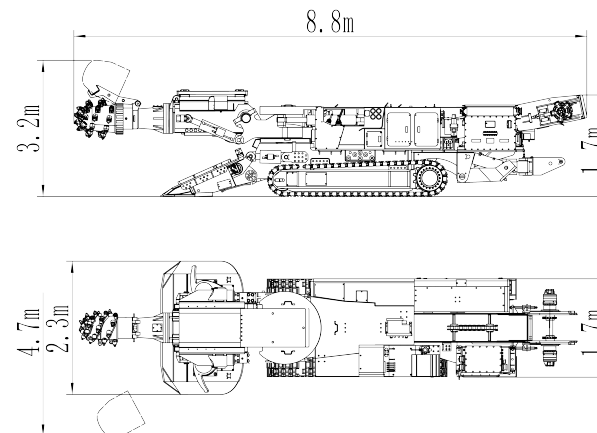
## High-Efficiency

3D modeling and advance layout design enhance cutting performance.

Specification	Value
Maximum Cutting Height	3200mm
Maximum Cutting Width	4700mm
Excavated Cross-Section Shape	Any
Economic Excavation Profile	5.5 ~ 17m <sup>2</sup>
Gradeability	±16°
Travel Speed	0 ~ 6.5m/min
Average Ground Pressure	0.12MPa
Uniaxial Compressive Strength of Coal and Rock	≤50MPa
Overall Dimensions (L×W×H)	8780×1710×1732 mm
Machine Width	1710mm
Shovel Blade Width	2300mm/1840mm(selectable)
Clearance Height	1900mm
Clearance Width	2400mm
Minimum Working Height	2100mm
Minimum Working Width	2600mm/2100mm(selectable)
Maximum Size of Undetachable Parts	2853×1064×810mm
Maximum Weight of Monolithic Component	2.3t
Width of First Conveyor	476mm
Container Specifications	40-foot Open Top Container
Gantry Height	300mm
Installed Power	165kW
Cutting Power	90kW
Pump Station Power	75kW
Machine Weight	24t
Cutter Head Type	Longitudinal Axis
Internal Spraying	Optional
External Spraying	Standard
Supply Voltage	AC 1140V
Power Frequency	50Hz
Remote Control	Optional

## Project Cases

- Mar. 2012**  Shanxi, China - Lanxing Coal Industry **EBH120**  
 The continuous cutting and rapid mucking capabilities of EBH120 significantly shortened the support cycle and reduced overall operational costs.
- Apr. 2014**  Sichuan, China - Panlong Village Project **EBZ90**  
 In humid environments, EBZ90 continues to operate stably. Its centralized lubrication system extends the lifespan of key components, ensuring strong continuity in operation.
- Sep. 2019**  Morocco - Casablanca Hydraulic Engineering Project **EBH120**  
 The compact design of EBH120 enabled flexible maneuverability in confined space and uneven terrains while maintaining precise cutting accuracy, ensuring timely project completion.
- Jun. 2024**  Venezuela - Infrastructure Project **EBZ90+EBH160**  
 EBZ90 and EBH160 were selected for a coal mine infrastructure project in Venezuela. These machines are planned for roadway excavation and supporting construction operations.



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