



SANY ROADHEADER

EBZ200H



Technical data

Product model	EBZ200H
Main parameter	
Gross weight (t)	79
Overall length (m)	11.6
Width of mouldboard (m)	3.6/3.2/3.0
Width across tracks (m)	2.7
Overall height (m)	Body height 2.0/Highest point with horizontally arranged cutting head 2.43
Dimension of maximum undetectable part (m)	Body 3.68×1.39×1.48; Front chute 3.35×0.70×0.61; Motor box 2.20×1.83×1.10
Weight of maximum undetectable part (t)	8.5
Positioning cutting height (m)	Rectangular roadway 2.7 ~ 4.8; Arched roadway 3.3 ~ 4.8
Positioning heading height (m)	3.6 ~ 6
Max/economic unidirectional pressure resistance of rock (MPa)	90/70
Power of cutting motor (kW)	200/150
Rotating speed of cutting head (r/min)	46/23
Oil pump motor power (kW)	132
Ground pressure (MPa)	0.16
Dinting depth (mm)	200
Power supply voltage (V)	1140
Grade ability (°)	±18

Specifications

Overall Performance

- The equipment is heavy, its center of gravity is low, its layout is reasonable, and its overall performance is stable and reliable. It is suitable for drive in coal rock, semi-coal rock and rock roadway.

Cutting System

- The independently developed cutting head design software can automatically determine the pick arrangement scheme, stress analysis, and cutting effect simulation to achieve the maximum cutting efficiency and the minimum pick consumption. Alloy shot pick, the pick consumption is reduced by more than 30%.

Shipping System

- The shovel adopts an open-type design of front driven wheel to improve the material receiving capacity; The scraper conveyor channel adopts smooth design to effectively solve the transportation jam. The transportation system adopts 14+6 composite wear-resistant plate. The wear-resistant life is increased by 3-5 times.

Walking System

- Combined support technology can reduce track resistance and ground smoothly.
- The driving force of walking is large, and the climbing capacity is $\pm 18^\circ$.

Hydraulic System

- The load-sensitive hydraulic system features low energy consumption and flexible and user-friendly operation.
- The multi-way valve cooperates to realize stepless speed regulation, with high efficiency and stability.

Water System

- Equipped with two-stage front high-precision filter to ensure clean water quality, internal and external mold spraying technology and reliable performance.
- Adopt constant water lubrication technology to prolong the service life of internal spray.

Electrical System

- SANY main controller, with protection grade of IP67, ensuring long-term reliable operation of the equipment in a harsh environment.
- Equipment operation status and fault data display.
- The expert diagnose system can provide convenient maintenance instructions.

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