



# 装备世界·创造价值

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## EBZ160

Item	Parameter
total length (m)	9.42
total width (m)	2.9
total height(m)	1.65
weight(t)	48
voltage(V)	AC1140/660
cutting power(kW)	160/100
total power(Kw)	250
working slope(°)	±18
depth (mm)	310
ground clearance (mm)	200
gantry height(mm)	450
cutting hardness(MPa)	≤80
cutting head rotation speed(r/min)	47/24
load mode	三齿弧形星轮
ground pressure(MPa)	0.15
track width(mm)	520
hydraulic pump power(kW)	90
spray mode	内、外喷雾
located cutting height(m)	4.8
located cutting width(m)	5.1
located cutting area(m <sup>2</sup> )	24.5
size of biggest sealed piece (m)	3380×1220×1510
weight of biggest sealed piece (kg)	5250
travel speed (m/min)	0~6.5



### Technical feature:

1. The quality of cutting machine is reliable, which has low speed torque and single speed water-cooled motor. The cutting head is optimized with simulation technology, and use the domestic well-known brand product. The layout is reasonable as well and it can damage the rock very well.
2. EBZ160 type machine system uses constant pressure, power load off, sensitive control, and adopts imported mechanical multi-way valves. The main components are all famous brands.
3. It adopts flameproof and intrinsically safe switch box and intrinsically safe operation box. Working condition is displayed on the LCD screen, and operation interface menu type, parameter setting is flexible. It has the function of blocking when it's over voltage, overloaded, lack of phase, short circuit, over temperature, leakage.
4. The first conveyor is directly driven with large flow hydraulic motor. It has less potential point of failure, better load and transport ability; Shovel plate and the first conveyor share the same hinge point, so it has the advantage of smooth clearance, low material leakage.
5. Walk department adopts high performance hydraulic motor with reducer, and it has strong climbing ability; Track adopts the tensioning oil cylinder form, which is convenient and quick, and the labor intensity is small.
6. It uses imported SKF OR FAG high quality bearings, gertz, or other floating seal of the same quality.