

TUNNELLING MACHINE EBZ160C



技术参数

TECHNICAL PARAMETER

机型 Type	Tunnelling Machine
品牌 Brand	HUA LU
型号 Model	EBZ160C
巷道高度 (定位) Tunnel height (positioning)	2.2~4.8m
巷道宽度 (定位) Tunnel width (positioning)	3.5~5.5m
最大截割岩石单向抗压强度 Maximum uniaxial cut rock compressive strength	$\leq 80\text{Mpa}$
经济截割岩石单向抗压强度 Economic uniaxial cut rock compressive strength	$\leq 60\text{Mpa}$
巷道坡度 Tunnel slope	$\pm 18^\circ$
环境温度 Ambient temperature	0-40°C
环境相对湿度 Environmental relative temperature	$\leq 95\%$
海拔高度 altitude	$\leq 2000\text{m}$

供电电压 Supply Voltage	1140/660V
供水电压 Water Supply Pressure	3~8Mpa
需/最小供水水量 Required/minimum water supply volume	≥100/30L/min
酸碱度 PH PH Value	6~8
油箱容积 Fuel tank capacity	500L
接地比压 Ground pressure	0.14Mpa
接近角 Approach angle	7.5°
离去角 Departure angle	7.5°
整机重量 Overall weight	45Ton
最大不可拆卸件重量 Max.weight of non removable parts	5.4Ton
总功率 total power	265KW
截割电机功率 Cutting motor power	160/100KW
截割头转速/伸缩量 Cutting head speed/stretching amount	46/23rpm/550mm
油泵电机功率 Oil pump motor power	90KW
液压泵排量 Hydraulic pump displacement	145±145ml/r
行走速度 Walking speed	0~8Meter/min
履带宽度的 track width	600mm
运输机链速 Belt conveyor chain speed	61Meter/min
星轮转速 Star wheel speed	33r/min

装载能力 loading capacity	3.5m ³ /min
卧底深度 Undercover depth	200mm
机身地隙 Airframe ground clearance	260mm
最大不可拆卸件尺寸 (长*宽*高) Maximum size of non removable parts (length * width * height)	
本体架 Body frame	3600*1160*1330mm
一运前溜槽 Front chute	4200*720*560mm
后支撑架 Rear support frame	1210*2280*1100mm
外形尺寸 External dimensions	
外形长 Length	10100mm
外形宽 Width	铲板宽 Shovel width 3000mm
	履带两侧宽 2400mm Track width on both sides
外形高 Height	机身高 1600mm Machine height
	截割头水平放置最高点 1900mm the highest point when cutting head placed horizontally
配套设备及附件 Supporting equipment & accessories	
附带全套皮带运输机 complete set of belt conveyors attached	
随机赠送 3% 常用保养备件 Providing 3% daily maintenance spare parts	