

**操控便捷**  
SIMPLE OPERATION

**自动润滑**  
AUTOMATIC LUBRICATION

**安全保障**  
SAFETY GUARANTEE

**电控泵阀**  
ELECTRONIC-CONTROLLED PUMP AND VALVE

**防爆阀** EXPLOSION-PROOF VALVE

**大而高效**  
LARGE AND EFFICIENT

整机重量大，挖掘力大、铲斗容量大、液压系统流量大，整机更高效、操作更稳定。

The machine has a large overall weight, a large digging force, a large bucket capacity, and a large hydraulic system flow, making it more efficient and stable to operate.

**智能控制**  
INTELLIGENT CONTROL

整机配置全电控集成系统，设置多级传感器，时刻保持整机监测；正流量液压控制系统，智能匹配发动机与液压泵功率输出。

The machine is equipped with a full-electric control integrated system, with multiple sensors to keep the entire machine monitored at all times; the positive flow hydraulic control system intelligently matches the power output of the engine and hydraulic pump.

**高可靠性**  
HIGH RELIABILITY

整机结构与工作装置CAE仿真技术，液压系统清洁度控制技术，整机关键零部件全球优质配套，持续进行迭代优化和可靠性试验，大幅提升产品可靠性。

The machine's structure and work device CAE simulation technology, hydraulic system cleanliness control technology, and global top-quality component support for key parts have been continuously optimized and subjected to reliability tests, greatly improving product reliability.

**舒适安全**  
COMFORTABLE AND SAFE

驾驶室安全设计升级，报警灯、防护网应急开关、全方位摄像头保障驾驶人员安全；动臂、斗杆油缸配备防爆安全阀，提升设备作业安全性。

The driving cab safety design has been upgraded, with alarm lights, safety nets, and emergency switches to ensure the safety of the driver; the boom and dipper cylinders are equipped with explosion-proof safety valves to enhance the safety of the equipment during operation.

**产品亮点**  
Product Highlights

# ME136

## 大型矿山专用挖掘机

LGMG MINING HYDRAULIC EXCAVATOR



**可靠承载重托**  
RELIABILITY IN ACTION



SINO MINING HEAVY INDUSTRIES PTE. LTD.

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**矿山工况**  
Made for Mining Application

**可靠耐用**  
Reliable & Durable

**节能环保**  
Energy-efficient & Pro-environment

**智能控制**  
Intelligent Control

**临工重机股份有限公司**  
LINGONG HEAVY MACHINERY CO., LTD.



### 整机性能 MACHINE PERFORMANCE

工作质量 (Operating Weights)	126000(kg)
铲斗额定容量 (Bucket volume)	7.5(m³)
最大挖掘力 (Max digging force)	644(kN)
平均接地比压 (Ground Pressure)	153.6(kPa)
涉水深度 (Wading depth)	1360(mm)
最大回转速度 (Max swing speed)	5.2(r/min)
行驶速度 (Speed)	2.2/3.3(km/h)
爬坡能力 (Climbing capacity)	35(°)
最高海拔 (Max altitude)	3000(m)
作业温度 (Temperature range)	-15~45(°C)



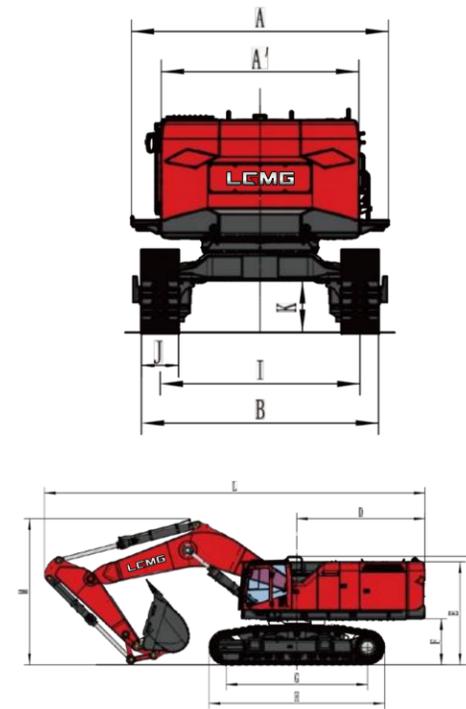
### 发动机 ENGINE

品牌 (Engine Brand)	康明斯	最大扭矩/转速 (Max torque/speed)	3468/1350(N.m)/(r/min)
型号 (Engine Model)	QSK23-C	额定功率 (Rated power)	567(kw)
缸径/行程 (Bore/stroke)	170/170(mm)	排量 (Displacement)	23000(ml)
额定转速 (Rated speed)	1800(r/min)	最低燃油消耗量 (Fuel consumption)	203(g/kwh)

### 液压系统 HYDRAULIC SYSTEM

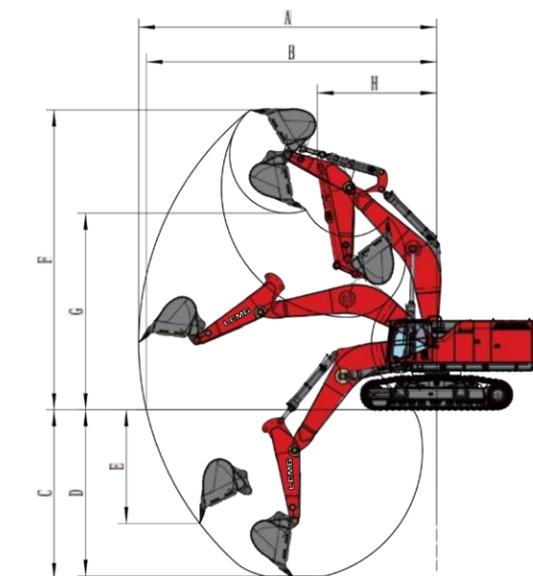
最大流量 (Maximum Flow)		3x611+2x119(L/min)
工作压力 (Working Pressure)		34.3/37(MPa)
主泵 (Main Pump)	型号 (Model)	HP3V300SH
	排量 (Displacement)	300(ml/r)
主阀 (Main Valve)	型号 (Model)	KMX36NAE
	额定流量 (Rated flow)	550(L/min)
回转马达 (Rotary motor)	型号 (Model)	M5X250
	排量 (Displacement)	2x250.1(ml/r)
行走马达 (Travel motor)	型号 (Model)	MSF340
	排量 (Displacement)	337.2/228.6(ml/r)

### 整机尺寸 MACHINE SIZE



型号	ME136
A-上部平台总宽 (Upperframe Width with Walkways)	5480(mm)
A'-上架宽度 (Upperframe Width)	3500(mm)
B-底盘宽度 (Undercarriage Width)	4600(mm)
C-主机总高度 (Cabin Height)	5045(mm)
D-后端长度 / 尾部回转半径 (Tail Swing Radius)	4830/R4950(mm)
E-发动机罩高度 (Engine cover height)	4170(mm)
F-配重离地间隙 (Counterweight Clearance)	1910(mm)
G-轴距 (Length to Center of Rollers)	5200(mm)
H-底盘长度 (Track Length)	6621(mm)
I-轨距 (Track Gauge)	3900(mm)
J-履带宽度 (Track Width)	700(mm)
K-最小离地间隙 (Ground Clearance)	1080(mm)
L-运输总长度 (Machine Length)	14750(mm)
M-运输状态大臂高度 (Machine Height)	6300(mm)

### 作业范围 WORKING RANGES



作业范围	参数
动臂 (Boom length)	7550(mm)
斗杆 (Arm length)	3400(mm)
A-最大挖掘范围 (Max Reach)	13740(mm)
B-最大地面挖掘距离 (Max Reach at ground)	13330(mm)
C-最大挖掘深度 (Max Digging Depth)	7960(mm)
D-最大挖掘深度 (2.44米) (Max Depth Cut for 2440 mm)	7830(mm)
E-最大垂直挖掘深度 (Max Vertical Digging Depth)	4440(mm)
F-最大挖掘高度 (Max Cutting Height)	12480(mm)
G-最大卸载高度 (Max Loading Height)	7930(mm)
H-前部最小回转半径 (Front Swing Radius)	6770(mm)
铲斗挖掘力ISO (Bucket Digging Force)	644(kN)
斗杆挖掘力ISO (Stick Digging Force)	561(kN)
铲斗摆角 (Bucket swing angle)	152(°)