



XE19G

履带式液压挖掘机

HYDRAULIC CRAWLER EXCAVATOR



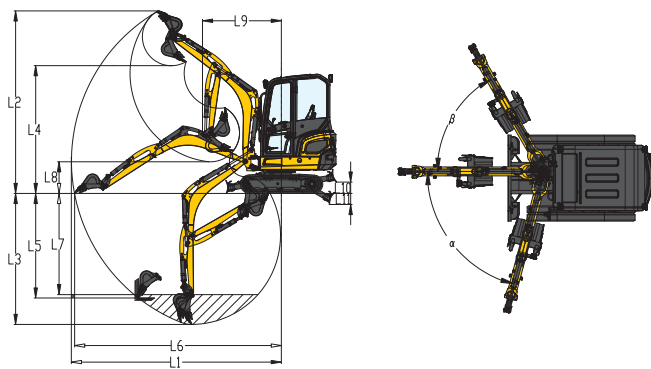
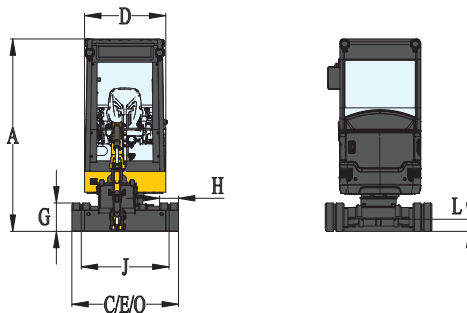
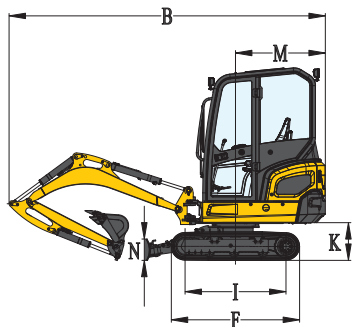
操作质量
Operating weight 2150kg

最大牵引力
Max. traction force 21.4kN

额定功率
Rated power 15.4kW

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整体概述



型号 Model

XE19G

操作重量Operating Weight/kg	2150
标准斗容Standard Bucket Capacity/m ³	0.04

工作装置 Working device

标配 Standard	动臂长度Boom Length/mm	1810
	斗杆长度Arm Length/mm	1090

发动机 Engine

发动机品牌/型号Engine brand/model	久保田/D1105
排放标准Emission standard	国四, U.S. EPA Tier 4f, EU Stage V
额定功率/转速Rated Power / speed/kW/rpm	15.4/2200
最大功率/转速Maximum power / speed/kW/rpm	/
直喷Direct Injection	✓
电喷Electric injection	✓
4冲程4-Stroke	✓
水冷Water-Cooled	✓
涡轮增压Turbocharged	✓
空空中冷Air-to-Air Intercooled	✓
冲程Stroke/mm	78.4
缸径Cylinder bore/mm	78
缸数Number of Cylinders	3
最大扭矩/转速Max. Torque / Speed/N·m/rpm	70.3/1600
启动机Starter	12 V / 1.4 kW
发电机Alternator	60 Ah - 12 V, 10 A
排量Displacement/L	1.123

液压系统Hydraulic system

主泵Main Pump	1×变量泵
主系统压力Main System Pressure/Mpa	24.7
先导系统压力Pilot System Pressure/MPa	3.5
回转系统压力Swing System Pressure/Mpa	13.7

外形尺寸 Overall Dimensions

单位: mm

A 总高 Overall Height	2560
B 总长 Overall Length	3860
C 总宽 Overall Width	1300/990
D 上车宽度 Upper Structure Width	990
E 底盘宽度(伸出/缩回) Undercarriage Width (extended/retracted)	1300/990
F 履带长度 Track Length	1565
G 履带高度 Track Height	345
H 标准履带板宽度 Standard Track Shoe Width	230
I 履带轴距Track Wheelbase	1230
J 轨距(伸出/缩回)Gauge (extended/retracted)	1070/760
K 配置离地间隙Counterweight Ground Clearance	450
L 最低离地间隙Min. Ground Clearance	145
M 尾部回转半径Tail Swing Radius	1100
N 推土铲高度Dozer Blade Height	260
O 推土铲宽度(展开/折叠)Dozer Blade Width (unfolded/folded)	1300
P 发动机机罩高度Engine Hood Height	/

作业范围 Working Range

单位: mm

L1 最大挖掘半径Max. Digging Radius	4055
L2 最大挖掘高度Max. Digging Height	3420
L3 最大挖掘深度Max. Digging Depth	2520
L4 最大卸载高度Max. Dumping Height	2455
L5 最大垂直挖掘深度Max. Vertical Digging Depth	1970
L6 最大地面挖掘半径Max. Digging Radius at Ground Level	3995
L7 8英尺水平挖掘深度Max. digging depth at 2440 mm (8 ft) level bottom	1890
L8 最小卸载高度Min. Dumping Height	660
L9 最小回转半径Min. Swing Radius	1520
L10 推土铲最大提升高度Maximum dozer blade lift height	230
L11 推土铲最大切割深度Maximum dozer blade cutting depth	230
α 动臂偏转角度 (左) Boom deflection (left)	75°
β 动臂偏转角度 (右) Boom deflection (right)	60°

主要性能 Main Performance

行驶速度 (高/低) Travel Speed (high/low)/km/h	4.0/2.5
回转速度Swing Speed r/min	8.5
最大回转扭矩Max. Swing Torque/kN·m	2.3
爬坡能力Gradeability/°	30° (58%)
接地比压Ground Pressure/kPa	29.4
铲斗挖掘力 (ISO) Bucket Digging Force (ISO)/kN	16
斗杆挖掘力 (ISO) Arm Digging Force (ISO)/kN	8
最大牵引力Max. Traction Force/kN	21.4

油类容量 Oil capacity

燃油箱容量Fuel Tank Capacity/L	25
液压油箱容量Hydraulic Tank Capacity/L	20

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