

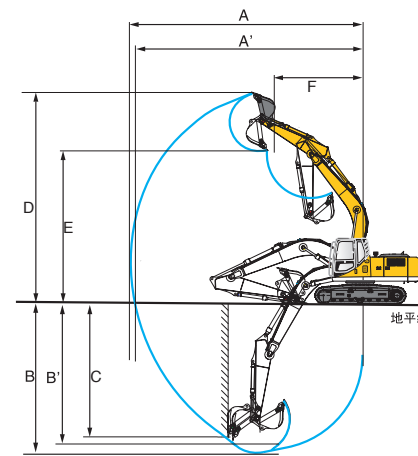
## GE150C Dimensions & Working Range

### Main Specifications (Standard)

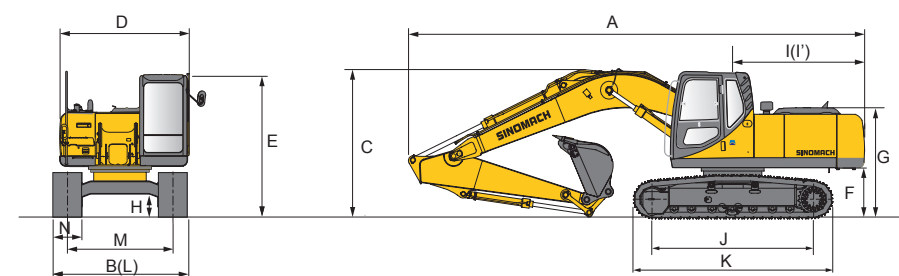
Category	Unit	
Curb Mass	kg	13890
Bucket capacity (SAE)	m <sup>3</sup>	0.6
Engine	Type	Cummins 4BTAA3.9-C115
	Rated Power	86/2200
	Max. torque	516/1500
Hydraulic System	Working pressure	Mpa 34.3
	Max. flow rate	L/min 160×2
Performance	Swing speed	rpm 12
	Traveling speed(High/Low)	km/h 5.3/3.1
	Max. digging force (Bucket)	kN 100
	Max. digging force (Arm)	kN 68
	Gradeability	% 70
	Max. drawing force	kN 122
Dimensions	A Overall Length	mm 7762
	B Overall Width	mm 2510
	C Overall Height	mm 2983
	D Width of platform	mm 2510
	E Overall height of cab	mm 2825
	F Ground Clearance of counter weight	mm 915
	I Length of platform	mm 2306
	I' Rear Swing Radius	mm 2387
Travelling Part	Ground Pressure	kgf/cm <sup>2</sup> 0.423
	H Min. ground clearance	mm 416
	J Wheel base of Track shoe	mm 3010
	K Length of Track shoe	mm 3751
	M Track Gauge	mm 1990
N Width of Track shoe	mm 500	
Oil tank capacity	Fuel tank	L 290
	Hydraulic oil tank	L 165

	Standard Type
A Max.digging reach	8335mm
A' Max.digging reach on the ground	8203mm
B Max.digging depth	5491mm
B' Max.valid digging depth	5288mm
C Max. vertical digging depth	4826mm
D Max.digging height	8679mm
E Max.dumping height	6174mm
F Min.swing radius	2605mm

### Working Range



### Dimensions



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# SINOMACH

Equipped with the  
new Stage Two engine :  
Stronger power with lower consumption

## GE150C

Hydraulic excavator series

Operating Weight: 13890kg

Standard bucket capacity: 0.6m<sup>3</sup>

Power: 86kW



 SINOMACH

*Equip the world Create value*

# Newly optimized design with Reliability, Efficiency, Low consumption

## ◆ More convenient

- The maintenance points are within reach and convenient for quick check.
- Use centralization lubrication on the working device.

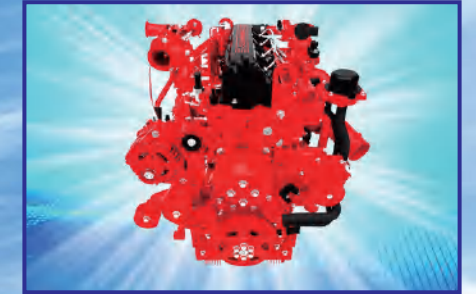
## ◆ More comfortable

- New cabin is more spacious, comfortable and safe.
- Equipped with an Anti-glare color LCD Display with HD large screen.

## ◆ More reliable

- Enhanced bucket with big capacity to provide higher working intensity and efficiency.
- Reinforced chassis makes the driving system strong and stable.

- Stage Two emission standard
- Low consumption but strong power



## ◆ More powerful

- Equipped with new high-power Cummins engine.



## ◆ More efficient

- Hydraulic pump and Main control valve with large displacement to make smooth and efficient operation.
- Use new Energy-efficient control system.

- Made by SINOMACH
- High quality Guarantee





· Retractable sunshade keep the operator from sunlight.



· The cabin has a wide vision, 360° no dead ends.

- The structure of cabin is made up of steel pipe with improved strength.
- Big handrail provides convenient up and down support.
- With a seventy-thirty ratio front windshield and big area wiper, the operator will have a better vision.

## Comfortable and safe cabin

- The cab is luxurious and comfortable cab with ergonomic design. The shock absorber enables the operator to work lightly.
- The seal ability of cabin has a better sound insulation effect, which can also effectively prevent the intrusion of dust.



With large screen color LCD display, the operator can operate various functions by button integration, which improves the work efficiency.

H mode: Heavy load mode, use 100% of engine power. It is used in heavy load working condition to achieve the max efficiency.

S mode: Standard mode, use 85% of engine power. It is used in normal working condition to achieve the best fuel consumption and efficiency ratio.

L mode: Light load mode, use 60% of engine power. It is used for light work, like clean up the ground.

B mode: Breaking mode, it is used for breaking work according to hydraulic pump power adjustment.



· With suspension seat, the operator can adjust according to his weight and height. There is an air outlet below.



· The spacious footstep space and Non-slip rubber on the bigger pedal will promote the operation work.



· The button integration improves the work efficiency.



· Imported cigarette lighter, Start lock, Rocker switch, Reserve mounting hole for rocker switch.

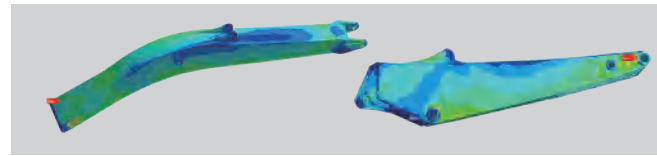


· The button of repair, give quick feedback of machine location and cause of failure.

# Reliable Working Device

## • High-strength Working Device

• With finite element analysis & optimization, the structure of arm and boom become more rational. The stress distribution is more balanced which reduce the risk of structure cracking.

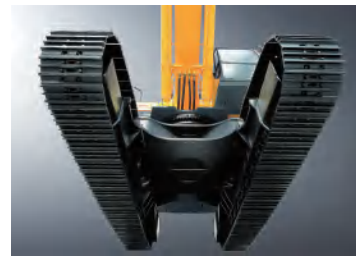


## • Enhanced Bucket



• The bucket is made of wear-resistant material, which has a strong structural strength. Its big capacity improves the operation efficiency.

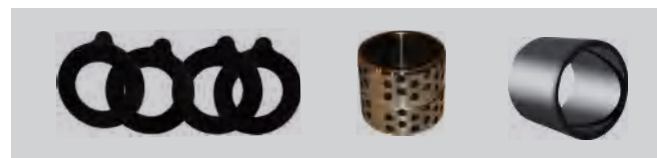
## • Reliable and stable car frame and rotating platform



• Improved box-like structure has lower barycenter and good stability. The enhanced four wheels and crawler is suitable for harsh environments.

## • Super durable Working Device

• Use Oil-containing resin gasket and High-density copper-based sub-lubricating bushings according to the operation needs of various parts for low friction and wear resistance.



## • More convenient and quick for maintenance



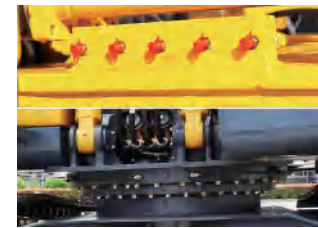
• There is a special Drain fitting on the Engine oil pan which is easy for maintenance.



• The air filter is Centrifugal throw dust with Two-stage filtration. And the space is spacious for the cleaning and replacement of air filters.



• The filters are placed together for easy maintenance.



• Use centralized lubricating system on the working device and rotating platform for easy greasing.



采用插入式世界顶级品牌空气滤清器滤芯，更换容易，维护时间高达500小时  
Adopted with plug-in air filter element of world top brand, easy to replace and maintenance time up to 500 hours



全流量机油过滤器保证燃油喷射，使故障最低，维护时间高达500小时  
The full flow oil filter ensures fuel injection, with minimum malfunction and maintenance time up to 500 hours



国机重工  
SINOMACH



### // 规格 Specifications

整机工作重量 Operating weight	13890kg
标准铲斗容量 Standard bucket capacity	0.6m³
斗杆长度 Stick length	2.49m
动臂长度 Boom length	4.6m

### // 发动机 Engine

型号 Model	CUMMINS 4BTA3.9-C115
型式 Type	四缸直列涡轮增压水冷 4 Cylinder inline Turbo-charged with water-cooled
功率 Power	86KW/2200rpm
最大扭矩 Max. torque	516N.m / 1500rpm
气缸数 No. of cylinders	4
排气量 Displacement	3.9L

### // 液压系统 Hydraulic system

主泵 Main pump:	
类型 Type	变量柱塞泵 Variable displacement axial piston pumps
最大排量 Max. displacement	2x80cc/rev
主溢流阀设定压力 Working pressure	34.3Mpa
液压马达 Hydraulic motor:	
回转 Swing	柱塞定量 Fixed displacement axial piston motor
行走 Travel	柱塞变量 Variable displacement axial piston motors

### // 性能 Performance

回转速度 Swing speed	12rpm
最大行走速度高/低 Max. travel speed H/L	5.9/3.4km/h
爬坡能力 Gradeability	35° (70%)
铲斗最大挖掘力 Max. digging force of bucket	100kN
斗杆最大挖掘力 Max. digging force of arm	68kN
接地比压 Ground pressure	42.3kpa

### // 油箱容量 Tank capacity

燃油箱容积 Fuel tank capacity	280L
液压油箱容积 Hydraulic tank capacity	120L

\*所有测量数值均为近似值

