



Reliability in Action



SDLG machines are built to be like the people that own them: hardworking, genuine and reliable. Cost effective, robust machines with fuel efficient engines that are easy to operate and easy to maintain. And when you need parts or service, you can trust your dealership to deliver on the SDLG promise: **Reliability in Action.**



Congratulations to SDLG on winning
the EFQM Global Excellence Award
One of the world's top three quality awards



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E6900H
Hydraulic Excavator





High power, energy saving and consumption reduction(2 engine configurations)



563kW Cummins M15 engine with sufficient power reserve; transfer case, low speed, high torque, low fuel consumption and high efficiency. No aftertreatment system, no DEF required, reduced use costs.

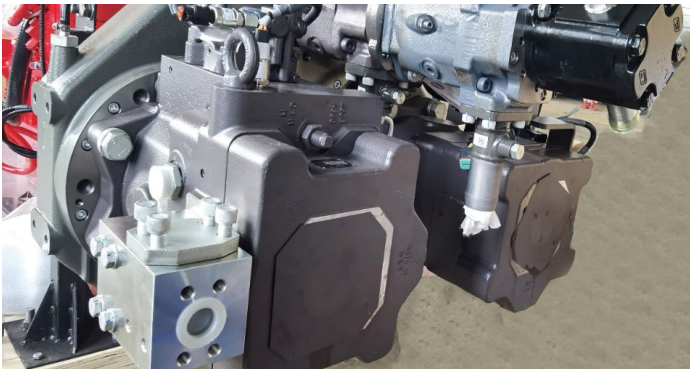
ISUZU large-displacement engine features strong power and low fuel consumption ; the high-pressure common rail fuel system ensures full combustion and low noise; five-stage fuel filtration, two-stage oil-bath filtration, and Donaldson air filter guarantee the long service life of the engine.

Fully electro-hydraulic system, high fuel efficiency

The main valve integrates the proportional solenoid valve to achieve fully electrical control. The wire harness connection replaces the pilot pipeline, making the fuel circuit simpler and reducing pressure loss.

Dual independent electronically-controlled main pumps and large-diameter main valves are used to achieve the best matching of power and hydraulic pressure, fully exert the performance of the machine, and improve operating efficiency.

The large torque slewing motor has smooth rotation.

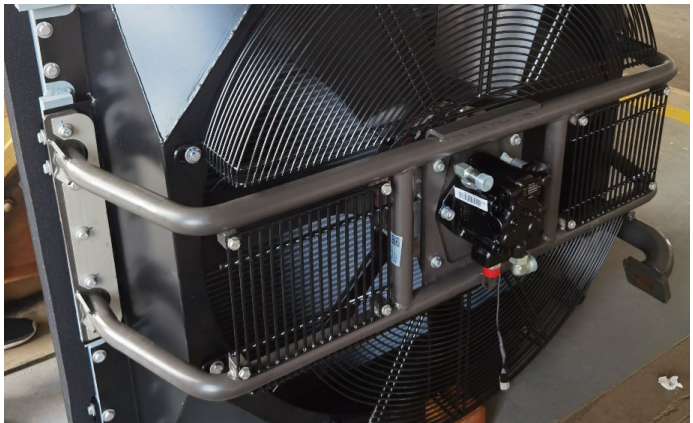


Intelligent temperature control, longer operating time

The extra large radiator and oil cooler are used to realize low power consumption and higher level of energy conservation, and maintain the best operating oil temperature.

The enlarged fan features low speed control, low noise, high efficiency, and is suitable for high-load mining operations.

The cooling fan can rotate forward and reverse for both heat dissipation and dust removal.



Heavy-duty structural parts for mines, solid and reliable

Heavy-duty strengthened working device, forgings for key parts, advanced welding technology, annealing treatment, and reliable structure.

The cutting edge is made of high-strength wear-resistant steel to adapt to the harsh operating conditions in the mines. Optional heavy-duty rock bucket and light-duty earthwork bucket are available to adapt to different operating conditions.

The chassis is designed with a 90-ton four-wheel and one-belt structure, which is reliable and durable; the track gauge is adjustable to meet transportation and operation needs; the standard full-protection track link guard plate can effectively protect the chassis and prolong its service life.

The backflushing prefilter and the enlarged primary air filter have a filtration efficiency of 99.9%, which can effectively protect the engine. The prefilter is automatically cleaned when it stops to reduce manual operations such as frequent cleaning of the air filter.

An extra large fuel tank is provided to guarantee longer driving range.



Intelligent control, high-end, comfortable

This machine is equipped with high-end suspension seats that feature multi-angle adjustment and have heating function to get through the winter, and are very user-friendly.

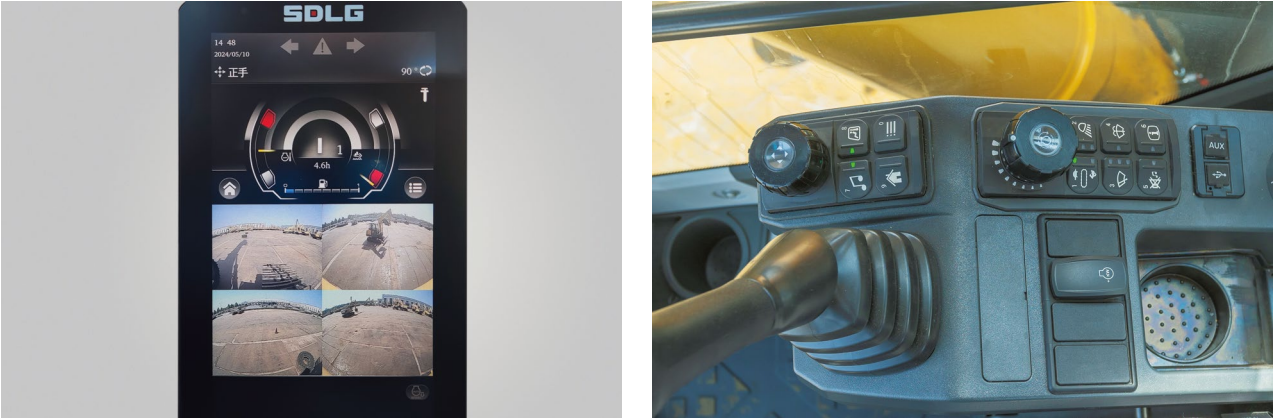
Heating and cooling storage box: It has built-in A/C outlets, and can store cold drinks to relieve the heat in summer, and also heat food and drinking water in winter.



This machine is equipped with an 8-inch LCD color touch screen as standard, which can be operated by using buttons and touch screen to give you more choices; it is equipped with panoramic cameras.

Through the display screen, intelligent operations such as forward and reverse rotation of the variable speed cooling fan and one-button switching between forehand and backhand can be performed.

The pilot console on the right integrates switches for paging, throttle adjustment, travel speed adjustment, and high power mode, which are within easy reach and easy to operate.



Reasonable layout, easy maintenance

The oil filter, air filter, and central control box are centrally arranged. The fuses and relays of the entire machine are centrally arranged in the control box. The layout diagram is printed on the back of the hood for easy maintenance.

The oil filter, main pump pressure measuring port, and refueling pump are centrally arranged in the same hood, making maintenance, testing, and refueling convenient.

The automatic centralized lubrication system provided as standard features easy maintenance with less time and effort.

The machine is equipped with widened traveling passages on both sides for easy maintenance.



E6900H

Top Service



EXPERT



FAST



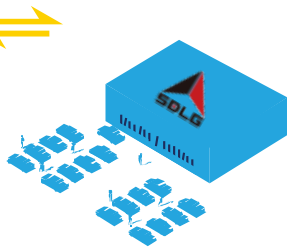
CARE

SDLG dedicated to provide excellent service experience

Customer Enquiry



Service Station



SDLG System Support

L@M
Parts Catalog &shopping trolley ,
Technical Files and TSB, PMI

OLDP
Warranty Information
feedback and Spare parts sale

3D
Training System ,Structure
and working principle animation

Fast Service



Customer Call



Field service work order



Technician Arrived site



Calling for Feedback



Customer Verify



Field Service



Uncomplete order follow-up



PMM

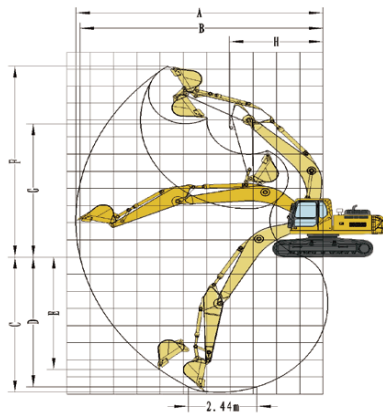
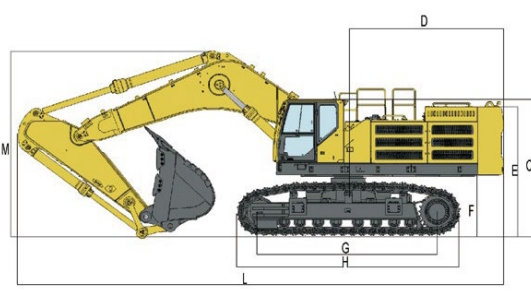
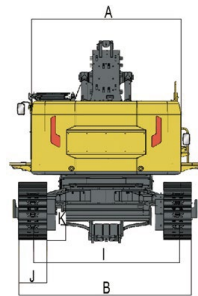


Complaint Management

Standardized Service Process

Main Parameter

E6900H



Overall specifications	Unit: mm		
A Overall width of upper assembly	3470	Specifications	Operating weight(kg)
B Overall width	4490		84000
C Overall height of cab	3725		Bucket capacity(m³)
D Tail swing radius	4210		5.6
E Overall height of engine hood	3480	Engine	Boom length(mm)
F Counterweight clearance	1580		7000
G Wheel base	4750		Arm length(mm)
H Track length	5970		2800
I Track gauge	2810/3410		Engine Model
J Track width	650		6WG1XDEAA-01
K Min. ground clearance	890		QSM15 77C
L Overall length	12950		Engine Type
M Overall height of boom	5120		Four-stroke, turbocharged, intercooled
		Main performance	Emission
			GB 20891-2014(stage II)
			GB/T20891-2014(stage III)
			Engine power(kW)
		Travelling section	377
			563
			Rated engine speed(r/min)
			1800
		Service capacity	Maximum torque (N.m)/rotation speed (r/min)
			2138/1500
			3000/1400
			Displacement(ml)
		Service capacity	15681
			14500
			Traveling speed (low/high) (km/h)
			3.3/4.9
		Service capacity	Slewing speed (r/min)
			7.1
			Average ground pressure (kPa)
			122.7
		Service capacity	Bucket Digging Force (ISO) (kN)
			418.6
		Service capacity	Number of track shoes
			48
			Number of carrier roller (one side)
			3
		Service capacity	Number of supporting wheel (one side)
			8
			Track shoe width (mm)
			650
		Service capacity	Fuel tank(L)
			1100
			Hydraulic oil tank(L)
			505
		Service capacity	Engine oil(L)
			52
			Hydraulic system(L)
			1000
		Service capacity	Cooling system(L)
			75 (QSM15) / 80 (6WG1)

* The right of final interpretation of the abovementioned parameters shall be reserved by SDLG. No further notice will be given in case of any change, Illustrations in the text may not always be the standard illustrations for this model.