

Equipment and Features

STANDARD EQUIPMENT	
ER636F	
Engine	
Yanmar engine	S
Two-stage air filters	S
Multi-stage fuel filters	S
Fuel water separator	S
Electrical/Electronic control system	
Restart prevention	S
Automatic idling system	S
Central fuse box	S
Halogen working lights(Frame-mounted & Boom-mounted)	S
Battery, 12V	S
Master electrical disconnect switch	S
Start motor, 12V	S
Colour monitor	S
Lock lever	S
Hydraulic system	
Load-sensing hydraulic system	S
Boom/Arm/Swing priority	S
Boom/Arm regeneration	S
Boom/Arm holding	S
Boom Swing	S
Cylinder/motor cushioning	S
Antifouling sealing	S
Multi-stage filtration	S
Frame	
Reinforced revolving frame	S
Dozer blade	S
Rear-view mirror	S

Tool storage area	S
Undercarriage	
Durable "X" under-carriage	S
Greased and sealed track links	S
Reinforced carrier/top roller	S
Cab and interior	
Fabric operator seat with suspension	S
Seat belt	S
Joysticks	S
Radio with MP3/AUX	S
Master key	S
Hour meter	S
Sun visor	S
Air conditioner	S
Sliding wind screen	S
OPTIONAL EQUIPMENT	
ER636F	
Electrical/Electronic control system	
Rotating warning beacon	O
Undercarriage	
Rubber track	O
Wider dozer blade	O
Attachment	
Ditching bucket	O
X1 pipes	O
X3 pipes	O
Breaker	O
Log grapple	O
FOG(Falling object guard)(Front and/or top FOG)	O

Reliability in Action



ER636F
Hydraulic Excavator



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



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ER636F Hydraulic Excavator

POWERFUL YET ENERGY-SAVING

- Low Engine speed, large torque. The fuel efficiency and the torque matched perfectly, the fuel saving effect is obvious.



SMOOTH-OPERATIONS

- Using load sensing hydraulic system, Hengli pump & valve, with regeneration, holding and other functions, the speed of action is not affected by the load, good coordination of composite action, high efficiency.



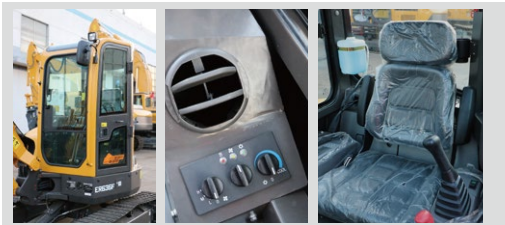
RELIABLE AND DURABLE

- The overall reinforced type upper frame, the load distribution is uniform.
- The bottom frame has high strength, large bearing capacity, high ground clearance, good passability.
- The working device is made of high tensile strength steel plate shaft seat and welding clapboard in the middle part of the whole casting, which is reliable and durable.
- Mature and reliable undercariage, superior performance, long service life;Good ground grip performance, outstanding wear resistance.
- Rear-mounted of engine , Tailless design and Radius of gyration is smaller, More adapted to small workplaces.



SAFE AND COMFORTABLE

- Optimized suspension structure, small vibration, good stability.
- Ergonomic design of the new generation of cab, front and rear wide vision, high strength, good sealing performance.
- High-grade interior decoration, suspension seats, air - conditioning operation environment is safe and comfortable.
- Digital step-by-step combination instrument display, high man-machine interaction.



EASY TO MAINTAIN

- The opening Angle of the engine hood is large, the fuel filter, hydraulic system filter and pressure measuring port are arranged centrally, which is within easy reach and easy to maintain.
- Relay & fuses are centrally placed in the rear interior of the cab, which is convenient and reliable for maintenanc.

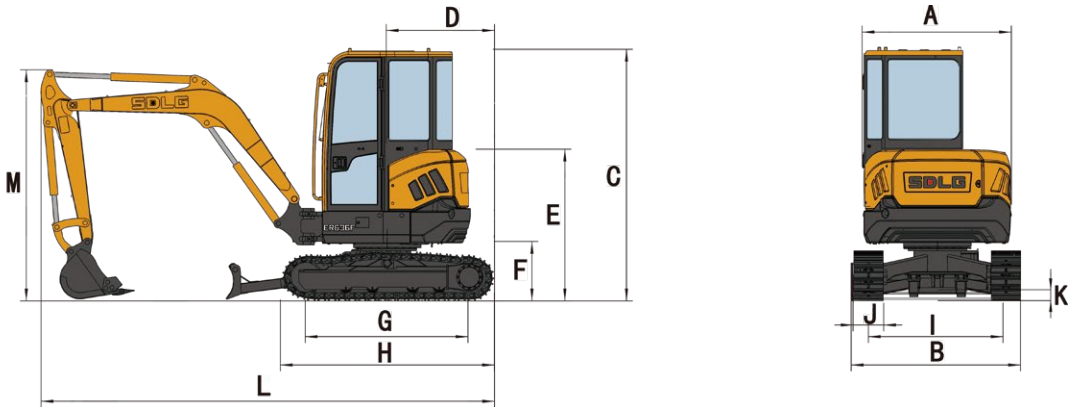


MULTI-PURPOSE

- Can realize quick change and a variety of accessories configuration, to meet the user's needs of one machine and multiple working conditions.



Main parameter



Item	Specifications
Overall dimension	
Overall width of upper assembly(A)	1500mm
Overall width(B)	1700mm
Overall height(C)	2570mm
Tail swing radius(D)	850mm
Overall height of engine hood(E)	1515mm
Ground clearance of counterweight(F)	575mm
Wheelbase(G)	1665mm
Crawler length(H)	2170mm
Crawler gauge(I)	1400mm
Crawler pad width(J)	300mm
Min. ground clearance(K)	220mm
Overall length(L)	4850mm
Overall height of boom(M)	1400mm
Overall parameter	
Bucket capacity	0.11m³
Overall operating weight	3800kg
Max. excavation force	3800kg
Slew speed	9r/min
Traveling speed (low/high)	2.4/4.4km/h
Average ground pressure	33.5kpa
Max. digging radius	5340mm
Max. digging depth	3100mm
Max. digging height	4700mm
Max. dumping height	3380mm
Min. front slewing radius	2275mm
Engine	
Model	3TNV88-BSLG
Type	Inline,water-cooled,four-stroke

Item	Specifications
engine power	20.2kw
Displacement	1642ml
Cylinder bore × stroke	3-88×90mm
Emission standard	China Phase III
Min.fuel-consume ratio	257g/(kw·h)
Max. torque/speed	(98.7-107.5)/1320r/min
Traveling/swing system	
Qty. of carrier rollers (single side)	4
Qty. of track rollers (single side)	1
Traveling brake type	Wet and disc type
Swing mode	Hydraulic drive internal tooth single-row ball-bearing
Swing brake type	Wet and disc type
Hydraulic system	
Hydraulic control type	Pilot proportional control valve
Hydraulic system type	load sensitive system
Max. flow	88L/min
Main pump model	HP5V45
Operating pressure	235kgf/cm²
Main valve model	HVS09
Arm cylinder-cylinder bore × diameter of piston rod × stroke	1-80×50×670mm
Boom cylinder-cylinder bore × diameter of piston rod × stroke	1-90×50×559mm
Bucket cylinder-cylinder bore × diameter of piston rod × stroke	1-70×45×485mm
Fill capacity	
Fuel	33L
Engine oil	6.7L
Hydraulic oil	35L
Antifreeze	8L
Traveling reducer	2×0.6L
Slewing reducer fuel amount	-

* 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.