

Reliability in Action

ER636F EXCAVATOR

Operating Weight: 3,800kg
Engine Power: 20kW / 27hp
Zero Tail Swing





Perfect combination of reliability and efficiency

The SDLG ER636F excavator is built with reliability and efficiency at the core. With a compact design and zero tail-swing, the ER636F is well-suited to small-scale, urban construction jobs, particularly in tight spaces. An extensive range of attachments is available for ultimate versatility.



50 YEARS OF RELIABILITY

SDLG is an internationally renowned brand spanning 130 countries, and over 50 years of equipment manufacturing expertise.



MEMBER OF THE VOLVO GROUP SINCE 2007

SDLG machinery integrates the design influence and quality control standards of Volvo.



3 YEAR / 6,000 HR WARRANTY*

Backed nationally by CJD Equipment's extensive branch and SDLG dealer network.

POWERFUL YET SMOOTH

The highly efficient Yanmar engine features a high torque with low engine speed to deliver valuable fuel savings. Using a load sensing hydraulic system, Hengli pump and valve, boom/arm regeneration and boom/arm/swing priority, also allows for a smoother operation whilst increasing productivity.

OPERATOR COMFORT

The ergonomically designed spacious cab has an excellent 360 degree field of vision coupled with rollover protection, a high-quality digital instrument display, suspension seat, and air conditioning for ultimate comfort. The new optimised structure offers superior stability with reduced noise and vibrations.

EASY TO MAINTAIN

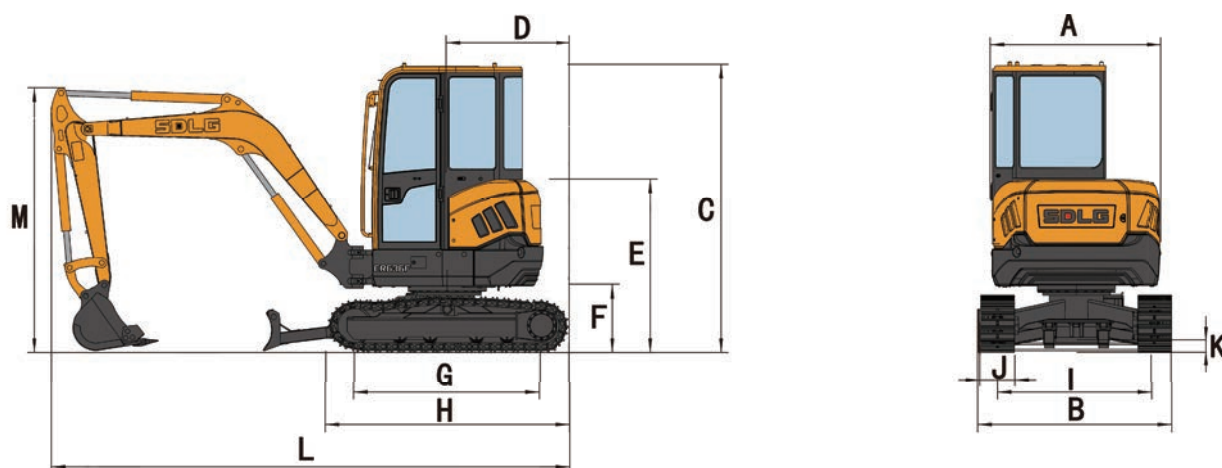
Designed for simplified maintenance, the opening angle of the engine hood is easily accessible for unrestricted access to filters and pressure testing ports. Relays and fuses are also located inside the cab for convenience.

RELIABLE & DURABLE

For improved durability, the upper frame is reinforced with uniform load distribution with a high ground clearance. The undercarriage provides outstanding wear resistance, and the boom and arm use high tensile steel and reinforced castings for a longer service life.



Main Parameter



ITEM	SPECIFICATIONS
OVERALL DIMENSIONS	
Overall width of upper assembly (A)	1,500 mm
Overall width (B)	1,700 mm
Overall height (C)	2,570 mm
Tail swing radius (D)	850 mm
Overall height of engine hood (E)	1,515 mm
Ground clearance of counterweight (F)	575 mm
Wheelbase (G)	1,665 mm
Crawler length (H)	2,170 mm
Crawler gauge (I)	1,400 mm
Crawler pad width (J)	300 mm
Min. ground clearance (K)	220 mm
Overall length (L)	4,850 mm
Overall height of boom (M)	1,400 mm
ENGINE	
Model	Yanmar 3TNV88-BSLG
Type	Inline, water-cooled, four-stroke
Engine power	20.2 kW
Displacement	1,642 ml
Cylinder bore × stroke	3-88×90 mm
Emission standard	Tier III
Min.fuel-consume ratio	257 g/kW-h
Max. torque/speed	(98.7-107.5) / 1,320r/min
TRAVELING/SWING SYSTEM	
Qty. of carrier rollers (single side)	1
Qty. of track rollers (single side)	4
Traveling brake type	Wet and disc type
Swing mode	Hydraulic drive internal tooth single-row ball-bearing
Swing brake type	Wet and disc type

ITEM	SPECIFICATIONS
OVERALL PARAMETERS	
Bucket capacity	0.11 m ³
Overall operating weight	3,800 kg
Max. excavation force	32 kN
Slew speed	9 r/min
Traveling speed (low/high)	2.4/4.4 km/h
Average ground pressure	33.5 kPa
Max. digging radius	5,340 mm
Max. digging depth	3,100 mm
Max. digging height	4,700 mm
Max. dumping height	3,380 mm
Min. front slewing radius	2,275 mm
HYDRAULIC SYSTEM	
Hydraulic control type	Pilot proportional control valve
Hydraulic system type	Load sensing system
Max. flow	88 L/min
Main pump model	HP5V45
Operating pressure	235 kg/cm ²
Main valve model	HVS09
Arm cylinder - cylinder bore × diameter of piston rod × stroke	1-80×50×670 mm
Boom cylinder - cylinder bore × diameter of piston rod × stroke	1-90×50×559 mm
Bucket cylinder - cylinder bore × diameter of piston rod × stroke	1-70×45×485 mm
FILL CAPACITY	
Fuel	33 L
Engine oil	6.7 L
Hydraulic oil	35 L
Antifreeze	8 L
Traveling reducer	2×0.6 L

* 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.

Equipment & Features

STANDARD EQUIPMENT

ENGINE

Yanmar engine	Two-stage air filters
Multi-stage fuel filters	Fuel water separator

ELECTRICAL

Automatic idling system	Rotating warning beacon
Central fuse box	Working lights
Battery 12V	Start motor 12V
Master electrical disconnect switch	Colour monitor
Lock lever	

HYDRAULIC SYSTEM

Load-sensing hydraulic system	Multi-stage filtration
Boom/arm/swing priority	Boom/arm regeneration
Boom/arm holding	Boom swing
Cylinder/motor cushioning	Anti-fouling sealing
Hammer piping	Auxiliary piping

UNDERCARRIAGE

Durable "X" undercarriage	Reinforced carrier/top roller
Rubber track	Wider dozer blade

CAB & INTERIOR

Suspension seat	Radio with MP3/AUX
Joysticks	ROPS/ TOPS/ OPG1 Canopy
Master key	Hour meter
Sun visor	Air conditioning
Dual arm rests	Sliding windscreen

FRAME

Reinforced frame	Dozer blade
Rear view mirror	Tool storage area

ATTACHMENTS

Hydraulic Quick Hitch	Ditching bucket
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OPTIONAL EQUIPMENT

ATTACHMENTS

Log grapple	Breaker
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UNDERCARRIAGE

Greased sealed track links



Founded in 1974, CJD Equipment is a privately-owned Australian company and leading provider of world class equipment and trucks. Offering a diverse range of products from iconic brands such as Volvo CE and SDLG, CJD's branch and SDLG dealer network spans the country, with 24/7 sales, parts and service support from over 600 highly experienced staff.

Head Office

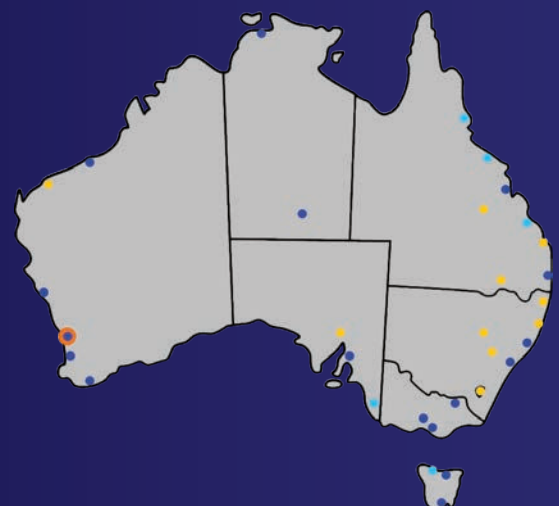
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BIG ENOUGH TO TRUST SMALL ENOUGH TO CARE

SDLG ER636F (08-2023)
Australian Version