

Equipment and Features

STANDARD EQUIPMENT	
	ER616F
Engine	
kubota engine	S
Two-stage air filters	S
Three-stage fuel filters	S
Fuel water separator	S
Electrical/Electronic control system	
Central fuse box	S
Halogen working lights(Frame-mounted & Boom-mounted)	S
Colour monitor	S
Lock lever	S
Hydraulic system	
constant power hydraulic system	S
Hydraulic oil (ISO VG46)	S
Muilti-stage filtration	S
Frame	
Reinforced revolving frame	S
Dozer blade	S
Tool storage area	S
Undercarriage	
Durable "X" under-carriage	S
Retractable undercarriage	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
Dual arm rests	S
OPTIONAL EQUIPMENT	
Undercarriage	
Rubber Pads	o
Attachment	
X1 pipes	o
Hammer	o



ER616H
Hydraulic Excavator



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



Shandong Lingong Construction Machinery Co., Ltd.
Add: Lingong Industry Park, Economic Development Zone, Linyi, Shandong, P. R. China
Tel: + 86-531-66590505 Fax: + 86-531-66590505 E-mail: export@sdlg.com Website: www.sdlg.com



Reliability in Action



ER616H Hydraulic Excavator

ENERGY-SAVING AND EFFICIENCY

- Original Kubota engine, Energy-saving and high-efficiency, flexible, high working efficiency, stronger power, low fuel-consumption
- Mechanical accelerator control, simple and reliable , low fuel-consumption, stable operation, high burning efficiency



RELIABILITY AND DURABILITY

- The hydraulic components of world-famous brand are provided, adopts throttle hydraulic system, easy to operate, more stable performance, higher reliability



COMFORT

- Color monitor, convenient pilot handle and control switch, easy to reach and operate
- The start switch added with pre-heating function, which can help to start in cold weather

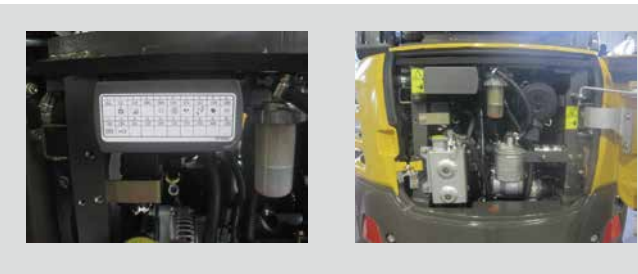


- The upper frame is welded structure, reasonable load distribution,
- The lower frame is detachable type, the two elastic track cases have high durability

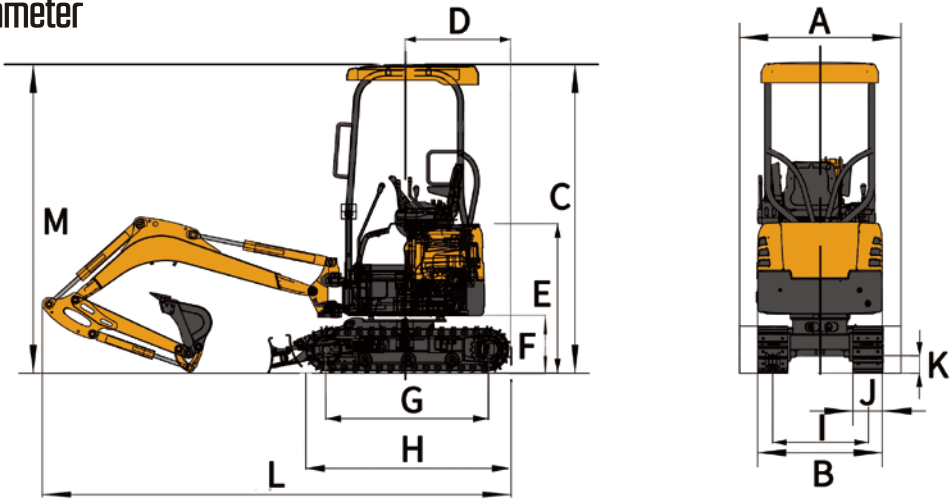


CONVENIENT MAINTENANCE

- Centralized filter: air filter, fuel filter, engine oil filter element centralized configured in the engine hood, reasonable configuration, convenient maintenance
- The electrical system centralized controlled, convenient maintenance



Main parameter



Item	Specifications
Overall dimension	
Overall width of upper assembly	960mm
Overall width	970(1240)mm
Overall height	2375mm
Tail swing radius	620mm
Overall height of engine hood	1150mm
Ground clearance of counterweight	470mm
Wheelbase	1230mm
Crawler length	1585mm
Crawler gauge	730/1010mm
Crawler pad width	230mm
Min. ground clearance	145mm
Overall length	3608mm
Overall height of boom	1190mm
Overall parameter	
Bucket capacity	0.04m³
Overall operating weight	1880kg
Max. excavation force	15kN
Slew speed	9.2r/min
Traveling speed (low/high)	2/4km/h
Average ground pressure	30kPa
Max. digging radius	3910mm
Max. digging depth	2290mm
Max. digging height	3505mm
Max. dumping height	2490mm
Min. front slewing radius	1490mm
Engine	
Model	D782-ET05
Type	Inline, water-cooled,four-stroke

Item	Specifications
Engine power	9.8kW
Displacement	778ml
Cylinder bore × stroke	3-67×73.6mm
Emission standard	GB20891-2014(China phase IV)
Min.fuel-consume ratio	253g/kW.h
Max. torque/speed	44.5N.m/1800r/min
Traveling/swing system	
Qty. of track rollers (single side)	/
Qty. of carrier rollers (single side)	3
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 hydraulic control
Hydraulic system type	load sensing system
Max. flow	52
Main pump model	PUMP MVP 30.20D
Operating pressure	20.6MPa
Main valve model	HVSE-09
Arm cylinder - cylinder bore × diameter of piston rod × stroke	1—60×35×347mm
Boom cylinder - cylinder bore × diameter of piston rod × stroke	1 – 60×30×465mm
Bucket cylinder - cylinder bore × diameter of piston rod × stroke	1 – 60×35×267mm
Fill capacity	
Fuel	18L
Engine oil	3.8L
Hydraulic oil	23L
Antifreeze	3L
Traveling reducer	0
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.