

E6505HDM

Main parameter

Item	Parameter
Overall parameters	
Total mass (kg)	63000
Average ground pressure (kPa)	82.6
Maximum digging force(r/min)	8.5
Traveling speed (low/high)(km/h)	3.1/5.3
Rear slewing radius(mm)	3880
Overall dimension	
Overall length (mm)	15757
Overall width (mm)	3645
Overall height (mm)	3540
Boom length (mm)	15500
Arm length (mm)	10000
Overall width of upper assembly(mm)	3235
Ground clearance of upper assembly(mm)	1325
Overall height to cab top(mm)	3540
Overall height to hood top(mm)	3045
Overall width of chassis (mm)	3540
Minimum ground clearance(mm)	580
Overall length of crawler(mm)	6135
Track shoe width (mm)	800
Wheel track(mm)	2740
wheelbase (mm)	5050
Engine	
Engine model	6WG1
Engine type	Four-stroke, supercharged, inter-cooled

Item	Parameter
Engine power (kW)	300
Rated rotation speed(r/min)	1800
Displacement (ml)	15681
Number of cylinders - bore x stroke (mm)	6-147X154
min fuel consumption rate (g/(kw.h))	196
Maximum torque (N.m)/rotation speed(r/min)	1932/1400
Emission standard	GB 20891-2014
Hydraulic system	
Hydraulic type	Double-pump variable system
Working pressure(kgf/cm2)	345/365
Hydraulic control type	Pilot proportional control
Maximum flow rate(L/min)	2×428
Swing/traveling system	
Slewing type	Fixed swashplate and plunger motor
Type of slewing brake	Wet and disc type
Traveling brake type	Wet and disc type
Number of supporting wheel (one side)	9
Type of travel brake	2
Fill capacity	
Fuel filling capacity (L)	760
Hydraulic oil filling capacity (L)	550+235
Engine oil filling capacity (L)	45
Oil filling capacity of walking reducer (L)	2×15
Oil filling capacity of slewing reducer (L)	2×5.3+2X1.1
Antifreeze (L)	60



Reliability in Action

E6505HDM

EXCAVATOR FOR DEMOLITION




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



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Economic and efficient

- ◆ Imported ISUZU 6WG1 engine for use in SDLG, with strong power and low fuel consumption
- ◆ Precisely-adjusted hydraulic system, large-flow main control valve, accurate and stable flow output and operation



Excellent performance



- ◆ Special three-section boom, increased operation range and reduced transportation height, an operation range up to 30m; high-strength steel plate for the whole structure; partitions designed internally; stress treatment for high durability. Special pedal with locking function; higher operation efficiency and lower labor intensity.
- ◆ Standard with crushing pipeline and rotary pipeline, well matched with various demolition machines such as breaking hammer, crushing claw and hydraulic shears, one machine for multiple purposes.

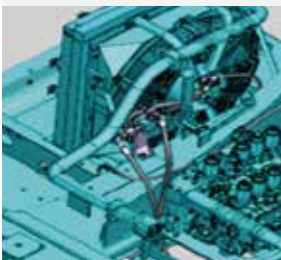


Reliable and durable

- ◆ High-strength hydraulic pipeline with increased diameter of pipeline; reduced pressure loss; reliably-fixed pipeline; no pipeline fixing failure caused by the vibration of crushing and shearing conditions
- ◆ Special reinforced chassis; four wheels and one belt for heavy load; 800mm-wide crawler belt; improved passing performance and stability; multi-stage guard plate; longer service life and higher reliability



- ◆ Enlarged hydraulic oil radiator; effectively avoid high temperature of hydraulic oil during operation; long battery life and high efficiency
- ◆ Standard with large counterweights; additional counterweights and weights; effectively-improved stability of the whole machine during demolition operation



Safe, comfortable, easy to operate

- ◆ Standard with elevation cab; improved the visual range of operation; heavy protection net available in the cab; improved safety of demolition operation
- ◆ Machine tool rotation and working device cylinder function switching integrated on the handle; pulsator ratio for controlling machine tool rotation, simple and accurate to operate; relaxed and simple operation experience for drivers
- ◆ Explosion-proof valve for the oil cylinder; reduced risk of accidents caused by pipeline explosion; ensured safety during demolition at all times

