

E6505H

Hydraulic Excavator



Operating weight: 52000 kg

Bucket capacity: 3.2 m³

Engine power: 430 hp

Your Reliable Partner

E6505H Main Specifications

Engine		
Engine Make and Model	Cummins X12S3A360	
Engine type	Four-stroke, turbocharged, inter-cooled	
Max.power (@ 2100 rpm)	hp	430
Peak torque (@ 1300 rpm)	Nm	1898
Bore x Stroke	mm	132 x 144
Displacement	ml	11800

Hydraulic System		
Main pump type	Variable displacement axial piston pump	
Main pump flow rate	l / min	2 x 403
Working pressure (Normal / Power Boost)	Mpa	34.5 / 36.5
Boom cylinders (Bore / Rod)	mm	165 / 110
Arm cylinder (Bore / Rod)	mm	190 / 130
Bucket cylinder (Bore / Rod)	mm	165 / 110

Undercarriage		
No. of track rollers (each-side)		9
No. of top rollers (each side)		2
No. of track shoes (each side)		50
G. Tumbler length	mm	4420
I. Track width	mm	2740
J. Track shoe width	mm	600
Average ground pressure	kPa	88.7

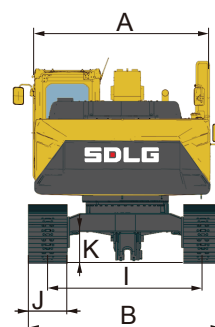
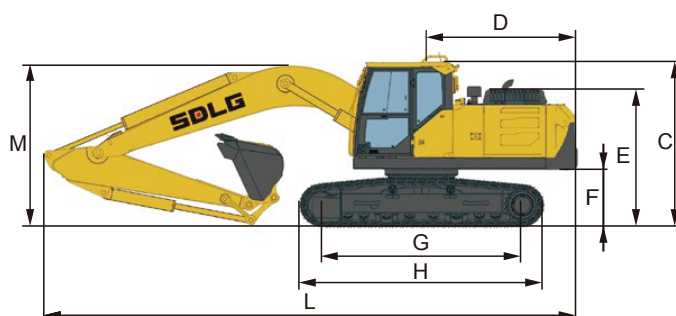
Performance		
Operating weight	kg	52000
Swing speed	rpm	8.5
Maximum bucket digging force	rpm	276.5

Dimensions		
Boom length	mm	6500
Arm length	mm	3000
A. Overall width of upper assembly	mm	3235
B. Overall width	mm	3565
C. Overall height to top of cab	mm	3380
D. Tail swing radius	mm	4025
E. Overall height to top of hood	mm	2989
F. Upperstructure clearance	mm	1300
H. Overall length of crawler	mm	5480
K. Minimum ground clearance	mm	527
L. Overall length	mm	11850
M. Overall height boom (transport position)		3757

Working Range			
Max. Excavation Depth	mm	7030	
Max. Dumping Height	mm	7020	
Max. Digging Reach on Ground	mm	11050	
Max. Digging Reach	mm	11290	
Max. Digging Depth (8ft / 2.44 m flat level)	mm	6910	
Max. Excavation Height	mm	10590	
Min. Front turning Radius	mm	4740	

Service Refills		
Fuel tank	L	760
Travel device gearbox	L	2 x 13
Hydraulic oil (Tank / System)	L	235 / 550
Swing device gearbox	L	2 x 5.3
Engine oil	L	43
Coolant	L	70

Bucket options		
Standard	m ³	3.6
Optional	m ³	3.2 / 3.4



SDLG INDIA PRIVATE LIMITED

8th Floor, BCIT Tower 3B, Bhartiya City, Thanisandra
Main Road, R K Hegde Nagar, Bengaluru 560064
Email: info@sdlgindia.com
WhatsApp: +91 91879 74150
Toll Free No: 1800 410 5935

We reserve the right to change specifications and design without prior notice.
The illustrations do not necessarily show the standard version of the machine.

Your Reliable Partner