E6225Hi

Hydraulic Excavator

Ideal for quarry work



Operating weight: 21650 kg

Bucket capacity: 1.0, 1.2 m³

Engine power: 147 hp

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E6225Hi Specifications

Engine		
Engine type	Inline, six cylinder, turbocharged	
Engine model / Drive Motor Model		Cummins 6BTAA5.9
Max. power (@ 2000 rpm)	hp	147
Peak torque (@ 1300 rpm)	Nm	626
Bore x stroke	mm	102 x 120
Displacement	ml	5900

Hydraulic System		
Main pump type	2 x Variable Displacement Axial Piston Pumps	
Main pump flow rate	l / min	2 x 207
Pilot pump flow rate	l / min	18
Working pressure (Normal / Power Boost)	MPa	32.5 / 34.5
Boom cylinders (Bore / Rod)	mm	120 / 80
Arm cylinder (Bore / Rod)	mm	135/ 95
Bucket cylinder (Bore / Rod)	mm	120 / 80

Undercarriage		
No. of track rollers (each side)		8
No. of top rollers (each side)		2
No. of track shoes (each side)		46
G. Tumbler length	mm	3660
I. Track width	mm	2390
J. Track shoe width	mm	600
Average ground pressure	kPa	47.8

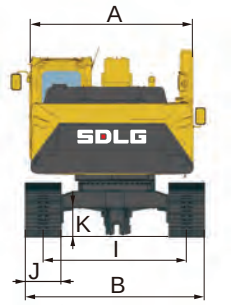
Service Refills		
Fuel tank	L	345
Travel device		2 x 5
Hydraulic oil	L	Tank 110, System 220
Swing device		8.6
Engine oil	L	26.5
Coolant	L	32

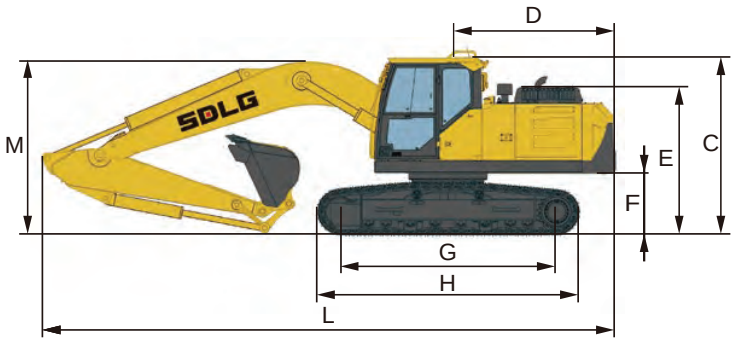
Performance		
Operating weight	kg	21650
Swing speed	rpm	11.20
Travelling speed (low / high)	km / h	3.5 / 5.7
Max. bucket digging force	kN	147.3
Max.arm tearout force		122.3

Working Range		
Max. excavation depth	mm	6360
Max. dumping height	mm	6390
Max. digging reach on ground	mm	9410
Max. digging reach	mm	9580
Max. digging depth (8ft / 2.4 level)	mm	6130
Max. vertical excation depth	mm	5880
Max. excavation height	mm	9250
Min. front turning radius	mm	3670

Bucket Options		
Rock	m^3	1.0
GP	m^3	1.1 / 1.2

Dimensions		
Boom length	mm	5700
Arm length	mm	2500
A. Overall width of upper assembly	mm	2490
B. Overall width	mm	2990
C. Overall height to top of cab	mm	2940
D. Tail swing radius	mm	2880
E. Overall height to top of hood	mm	2490
F. Upperstructure clearance	mm	1032
H. Overall length of crawler	mm	4460
K. Min. ground clearance	mm	460
L. Overall length	mm	9720
M. Overall height of boom (transport position)	mm	2940





SDLG INDIA PRIVATE LIMITED
8th Floor, BCIT Tower 3B, Bhartiya City,
Thanisandra Main Road, RK Hegde Nagar,
Bengaluru, Karnataka 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.

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