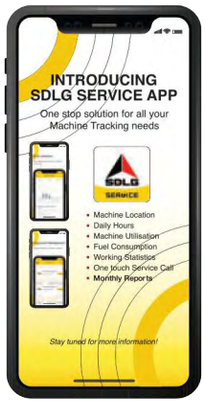
E6150F
Hydraulic Excavator

Powerful performance



Gross Power: 108hp @ 2000rpm

Operating Weight: 13800 ~14800 kg

E6150F
Hydraulic Excavator

POWERFUL ENGINE

- Fuel efficient and powerful
- Electronic unit pump
- Turbocharger+ intercooler
- ECU controlled



- Well-matched engine and hydraulic systems
- 10 work modes
- Auto-idle function



- 2-stage air filters
- 2-stage fuel filters
- Fuel injector filter
- Water level alarm from oil-water separator
- Auto engine power cut-off upon fault detection
- Limp-home function

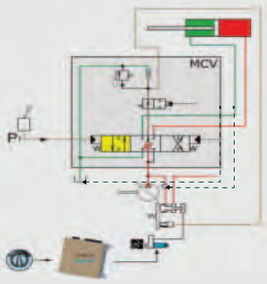


- New-generation electronics
- Latest colour display
- Self fault diagnostics



ADVANCED HYDRAULIC SYSTEM

- Efficient hydraulic system with world-class componentss
- Double pump confluence function
- Regeneration function
- Priority function
- Automatic travel speed selection



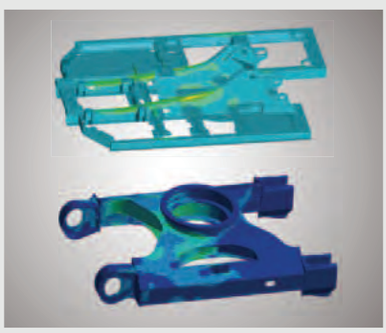






ROBUST STRUCTURES

- Reinforced X undercarriage with 35% higher strength



- Reinforced boom & arm
- Robotic welding with flaw detection



- Anti-wear bucket with 20% longer life
  Chromed pins



SAFE AND COMFORTABLE CABIN

- Excellent visibility
- Sliding windscreen
- Large wiper area
- 6-way adjustable fabric suspension seat
- Powerful A/C with multiple air outlets in a well-sealed cabin
- Tinted glass
- Silicon oil shock absorbers
- Multi-function colour LED display







EASY MAINTENANCE

- Wide engine hood openings
- Grouped filters, pressure testing port and electrics with ground-level access
- Computer diagnostics interface
- Perforated anti-slip plates



RICH OPTIONS

- Breakers
- Rock / GP / LM buckets
- Cabin protection guards
- Multiple track shoe width
- Additional work lights



*The above mentioned illustrations may not refer to specific models.

E6150F
Hydraulic Excavator

POWERFUL YET ENERGY-SAVING

The high-torque, low-RPM DDE engine delivers both power and efficiency in 10 optimised work modes. The electronic unit pump (EUP) design features a high injection pressure and a good tolerance on fuel quality.

SMOOTH OPERATIONS

E6150F uses an advanced hydrualic system with with regeneration and priority functions, makes the machine reliable and highly efficient.



RELIABLE AND DURABLE

Renowned engine and hydraulic systems. Reinforced boom, arm and undercarriage, chromed pins and upgraded electronics on board provide excellent machine durability and reliability.

MULTI-PURPOSE

Access more applications with breaker piping and various bucket and track shoe options. This machine is ideal for a wide range of general construction tasks.

SAFE AND COMFORTABLE

A variety of protective features improve man-machine safety. A spacious cabin provides a pleasing driving experience with excellent fields of vision, a powerful air conditioning system, a comfortable suspension seat,and noise and vibration reduction technologies.

EASY TO MAINTAIN

Large engine hood openings, centralised filters and electrics with ground-level access reduce maintenance efforts. A computer interface is available for quick diagnostics and review of fault history.



*The illustration may include optional equipment.

Technical Specifications
Standard Equipment

Engine		
Model		BF4M2012-11 T3R/4-B796
Type		Four stroke, Supercharged, intercooled
Rated Power	hp @ r/min	108 @ 2000
Max. Torque	Nm / r/ min	450 @ 1500
Number of cylinders		4
Displacement	ml	4038
Bore x Stroke	mm	101 x 126
Emission		Tier III (GB 20891-2014)

Electrical System		
System voltage	V	24
Battery voltage	V	24
Battery capacity	Ah	100
Alternator voltage	V	28
Starter voltage	V	24

Undercarriage		
No. of track shoes		46
No. of top rollers		2 x 1
No. of bottom rollers		2 x 7
No. of track guards		2 x 1

Hydraulic system		
Hydraulic system type		Twin pump negative flow control
Main pumps		2 x variable displacement axial piston pumps
Max. flow rate	L/min	2 x 118 +20
Relief valve setting		
Implement Circuit bar		330/350
Travel Circuit		343
Swing Circuit		245
Pilot Circuit		39

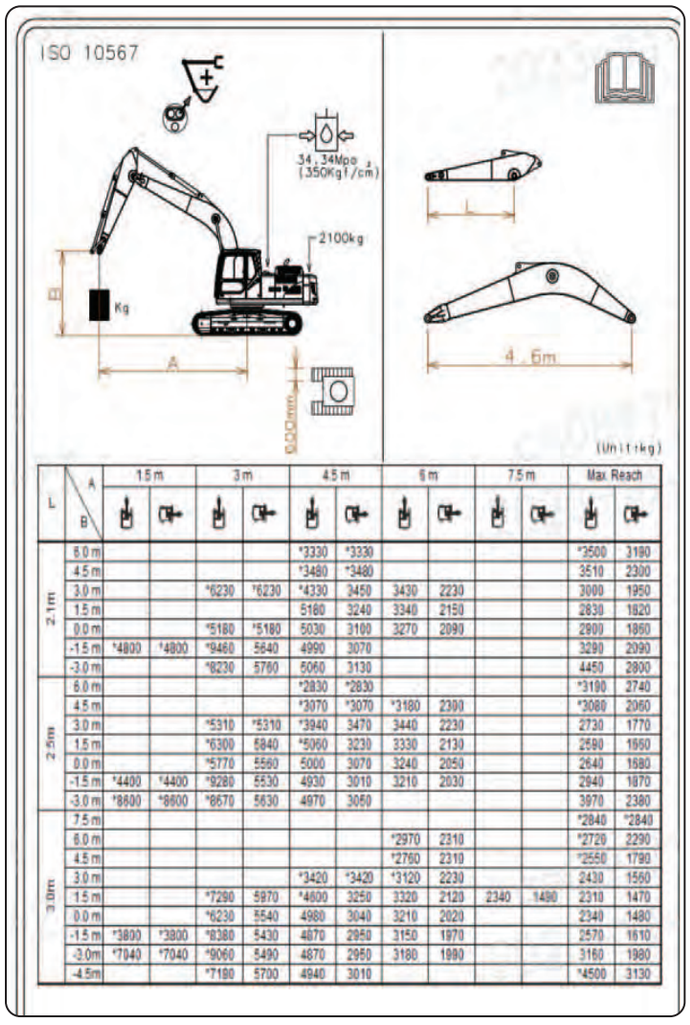
Drive and Brakes		
Drive motor		2 axial piston motors
Max drawbar pull	kN	109.8
Max travel speed {low/high) km/h		3.2 /5.5
Service/parking brakes		Wet and disc type
Gradeability		35

Swing system		
Swing motor	-	1 axial piston motor
Swing brake	-	Wet and disc type
Swing speed	r/min	0-11

Service Refill Capacity		
Fuel Tank	L	260
Engine Coolant	L	19.5
Engine Oil	L	16.5
Swing drive device	L	3.9
Travel drive device	L	2 x 2.2
Hydraulic tank	L	100
Hydraulic system	L	190

Attachments (Bucket) Options		
GP Bucket	m^3	0.75 /0.8
HD Bucket	m^3	0.6

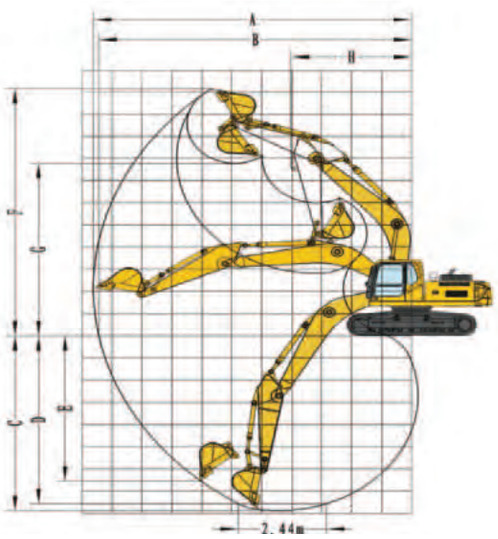
Lifting Capacity



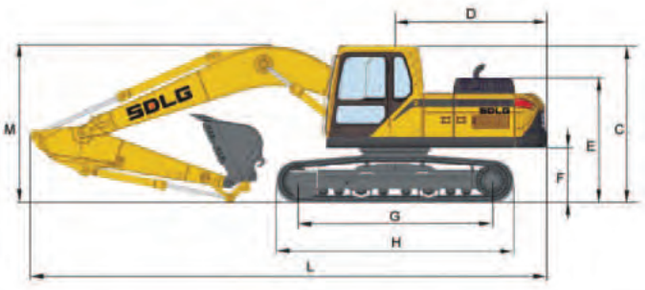
L	A / B	1.5 m		3 m		4.5 m		6 m		7.5 m		Max. Reach	
2.1m	6.0 m					*3330	*3330					*3500	3190
	4.5 m					*3480	*3480					3510	2300
	3.0 m			*6230	*6230	*4330	3450	3430	2230			3000	1950
	1.5 m					5180	3240	3340	2150			2830	1820
	0.0 m			*5180	*5180	5030	3100	3270	2090			2800	1860
	-1.5 m	*4800	*4800	*9460	5640	4990	3070					3280	2090
	-3.0 m			*8230	5760	5060	3130					4450	2800
2.5m	6.0 m					*2830	*2830					*3190	2740
	4.5 m					*3070	*3070	*3180	2390			*3080	2060
	3.0 m			*5310	*5310	*3940	3470	3440	2230			2730	1770
	1.5 m			*6300	5840	*5060	3230	3330	2130			2590	1650
	0.0 m			*5770	5560	5000	3070	3240	2050			2640	1680
	-1.5 m	*4400	*4400	*9280	5530	4930	3010	3210	2030			2940	1870
	-3.0 m	*8600	*8600	*8670	5630	4970	3050					3970	2380
3.0m	7.5 m											*2840	*2840
	6.0 m							*2970	2310			*2720	2290
	4.5 m							*2790	2310			*2550	1790
	3.0 m					*3420	*3420	*3120	2230			2430	1560
	1.5 m			*7290	5970	*4600	3250	3320	2120	2340	1490	2310	1470
	0.0 m			*6230	5540	4980	3040	3210	2020			2340	1480
	-1.5 m	*3800	*3800	*8380	5430	4870	2950	3150	1970			2570	1610
	-3.0m	*7040	*7040	*9060	5490	4870	2950	3180	1990			3160	1980
	-4.5m			*7190	5700	4940	3010					*4500	3130

Dimensions

Excavating range		
A. Maximum digging reach	mm	7980
B. Maximum digging reach on ground	mm	7830
C. Maximum digging depth	mm	5160
D. Maximum digging depth (horizontal 2.5m)	mm	4920
E. Maximum vertical digging depth	mm	4570
F. Maximum cutting height	mm	8170
G. Maximum dumping height	mm	5720
H. Maximum front swing radius	mm	2600
Max. excavating force of bucket (ISO)	kN	98.1
Max. excavating force of arm (ISO)	kN	67.7



Dimensions		
Boom length	mm	4600
Arm length	mm	2100
A. Overall width of upper assembly	mm	2450
B. Overall width	mm	2590
C. Overall height	mm	2770
D. Tail swing radius	mm	2200
E. Overall height of engine hood	mm	2080
F. Ground clearance of upper frame	mm	940
G. Wheel base	mm	3000
H. Track length	mm	3740
I. Track guage	mm	1990
J. Track shoe width	mm	500 / 600
K. Minimum ground clearance	mm	436
L. Overall length	mm	7700
M. Overall height of boom	mm	2830
Bucket capacity (GP)	m^3	0.75 / 0.8
Operating weight	kg	13800 ~ 14800





OPTIONAL EQUIPMENT Electrical/Electronic control system	
Fuel filler pump	O
Extra halogen work lights (Cab-mounted 1/ Counter weight-mounted 1)	O
Rotating warning beacon	O
Rear-view camera	O
Burglar alarm	O
Undercarriage	
700 / 800 mm shoe track	O

Attachments	
Large Bucket	O
Rock Bucket	O
X1 pipes	O
X3 pipes	O
Side or top mounted breakers	O
Hydraulic crusher	O
Log grapple	O
Light front FOG (faling object guard)	O
Heavy front / top FOG	O

Your reliable partner

Excavator E6150F, July 2026



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