

Engine	Cummins QSM11
Gross Power	298 kW (399.6 hp) @ 1,800 rpm
Net Power	280 kW (375.5 hp) @ 1,800 rpm
Maximum Digging Depth	7,860 mm
Standard Bucket Capacity	2.2 m ³
Operating Weight	45,500 kg

945E EXCAVATOR



TOUGH WORLD. TOUGH EQUIPMENT.

945E SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier2 / Stage II
Make	Cummins
Model	QSM11
Gross Power	298 kW (399.6 hp) @ 1,800 rpm
Net Power	280 kW (375.5 hp) @ 1,800 rpm
Peak Torque	1,898 N · m @ 1,400 rpm
Number of Cylinders	6
Displacement	10.8 L

TRACK DRIVE	
Maximum Travel Speed	5.5 km/h
Drawbar Pull	386 kN

UNDERCARRIAGE	
Shoe Width	600 mm
Number of Shoes per Side	49
Number of Upper Rollers per Side	2
Number of Bottom Rollers per Side	8

HYDRAULIC SYSTEM	
Main Pumps Total Flow	760 L/min
Relief Pressure, main	32.3 Mpa
Relief Pressure, boost	35.3 Mpa

SWING SYSTEM	
Swing Speed	8.5 rpm

REFERENCE ARM	
Arm Length	3,380 mm
Arm Breakout Force, max, ISO	225 kN

WORKING RANGES	
Maximum Dig Depth	7,860 mm
Reach at Ground Level	11,810 mm
Depth of 8' Level Bottom	7,720 mm
Maximum Dig Height	10,790 mm
Dump Height	7,520 mm
Maximum Dig Depth of Vertical Wall	6,440 mm

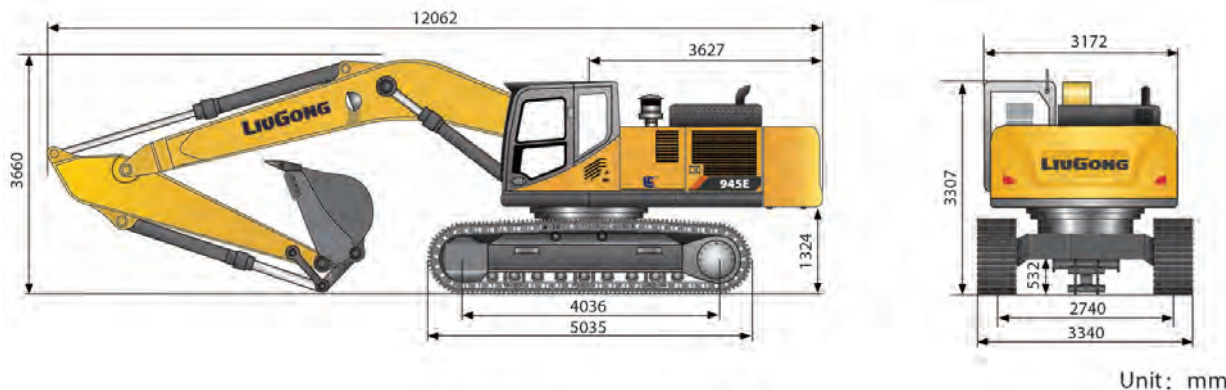
BUCKET PERFORMANCE	
Standard Bucket Heaped Capacity (Referenced)	2.2 m ³
Minimum Heaped Capacity of Bucket Options	2.2 m ³
Maximum Heaped Capacity of Bucket Options	2.2 m ³
Bucket Breakout Force, max, ISO	288 kN

SERVICE CAPACITIES	
Fuel Tank	650 L
Engine Oil	38 L
Cooling System	50 L
Hydraulic Reservoir	290 L
Hydraulic System Total	540 L

Bucket: SAE 2.2 m³, 2250 kg, Boom: 7,060 mm, Arm: 3,380 mm, Shoes: 600 mm, Counterweight: 9,000 kg

Lift Point Height																
	3 m		4 m		5 m		6 m		7 m		8 m		9 m		10 m	
7 m	kg										12,750	8,450	10,490	6,950		
6 m	kg								※14,090	10,200	12,620	8,330	10,470	6,920		
5 m	kg							※16,630	12,410	※14,950	9,920	12,420	8,160	10,360	6,830	
4 m	kg				※21,650	15,370	※18,150	11,910	14,920	9,600	12,200	7,950	10,230	6,710	8,710	5,710
3 m	kg				※23,940	14,570	18,360	11,420	14,550	9,280	11,960	7,740	10,080	6,570	8,640	5,640
2 m	kg				23,790	13,960	17,880	11,000	14,230	9,000	11,750	7,550	9,940	6,440	8,560	5,570
1 m	kg				23,340	13,600	17,530	10,700	13,980	8,770	11,570	7,380	9,820	6,330	8,490	5,510
0 m	kg															
-1 m	kg			※32,110	18,630	23,130	13,430	17,310	10,520	13,80	8,620	11,440	7,270	9,730	6,260	
-2 m	kg			※30,840	18,710	23,080	13,380	17,210	10,430	13,710	8,540	11,370	7,210	9,700	6,220	
-3 m	kg	※33,660	31,360	※29,130	18,850	23,140	13,430	17,210	10,430	13,690	8,520	11,360	7,200	9,720	6,250	
-4 m	kg	※31,130	※31,130	※26,870	19,060	※22,980	13,560	17,300	10,510	13,760	8,580	11,430	7,260			
-5 m	kg	※27,410	※27,410	※23,880	19,360	※20,660	13,770	17,490	10,670	13,920	8,720	11,620	7,430			
	kg	※22,340	※22,340	※19,890	19,780	※17,390	14,080	※14,900	10,930	※12,140	8,990					

1. ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.
 2. The above rated loads are in compliance with ISO 10567 hydraulic excavator lift capacity rating standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
 3. Ratings at bucket lift hook.



Unit: mm

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.