

Engine	Cummins C8.3
Gross Power	166 kW (222.6 hp) @ 1,900 rpm
Net Power	152 kW (203.8 hp) @ 1,900 rpm
Maximum Digging Depth	6,825 mm
Standard Bucket Capacity	1.6 m ³
Operating Weight	31,800 kg

933E EXCAVATOR



TOUGH WORLD. TOUGH EQUIPMENT.

933E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	C8.3
Gross Power	166 kW (222.6 hp) @ 1,900 rpm
Net Power	152 kW (203.8 hp) @ 1,900 rpm
Peak Torque	970 N·m @ 1,500 rpm
Number of Cylinders	6
Displacement	8.3 L

TRACK DRIVE

Maximum Travel Speed	5.5 km/h
Drawbar Pull	255 kN

UNDERCARRIAGE

Shoe Width	600 mm
Number of Shoes per Side	48
Number of Upper Rollers per Side	2
Number of Bottom Rollers per Side	9

HYDRAULIC SYSTEM

Main Pumps Total Flow	532 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.3 MPa

SWING SYSTEM

Swing Speed	10.3 rpm
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REFERENCE ARM

Arm Length	2,600 mm
Arm Breakout Force, max, ISO	171 kN

WORKING RANGES

Maximum Dig Depth	6,825 mm
Reach at Ground Level	10,032 mm
Depth of 8' Level Bottom	6,590 mm
Maximum Dig Height	10,007 mm
Dump Height	7,086 mm
Maximum Dig Depth of Vertical Wall	5,460 mm

BUCKET PERFORMANCE

Standard Bucket Heaped Capacity (Referenced)	1.6 m³
Minimum Heaped Capacity of Bucket Options	1.4 m³
Maximum Heaped Capacity of Bucket Options	1.6 m³
Bucket Breakout Force, max, ISO	203 kN

SERVICE CAPACITIES

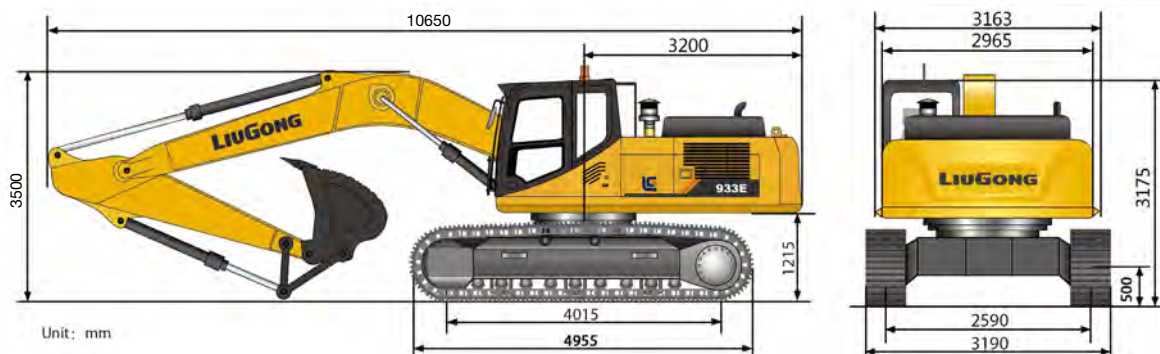
Fuel Tank	520 L
Engine Oil	26 L
Cooling System	40 L
Hydraulic Reservoir	195 L
Hydraulic System Total	360 L

Bucket: SAE 1.6 m³, 1,450 kg Boom: 6,200 mm Arm: 2,600 mm Shoes: 600 mm													
Lift Point Height													
		3 m	4 m	5 m	6 m	7 m	8 m						
7 m	kg				※8,260	6,930	※8,430	※5,440					
6 m	kg				※8,640	6,820	※8,440	※5,420					
5 m	kg			※10,340	8,600	※9,370	6,640	※8,810	※5,320	3,350	4,360		
4 m	kg			※11,920	8,220	※10,310	6,420	※9,360	5,190	3,290	4,300		
3 m	kg			※13,580	7,840	※11,330	6,190	9,980	5,060	3,200	4,220		
2 m	kg			※14,970	7,540	※12,260	6,000	9,830	4,930	3,110	4,140		
1 m	kg			※15,880	7,350	12,190	5,850	9,710	4,820	3,030	4,080		
0	kg		※20,560	9,810	16,150	7,260	12,080	5,760	9,630	4,760	7,990	4,040	
-1 m	kg		※20,140	9,850	16,130	7,240	12,050	5,730	9,600	4,740	8,000	4,040	
-2 m	kg	※23,850	15,590	※19,340	9,940	※15,840	7,280	12,070	5,750	9,640	4,760		
-3 m	kg	※22,190	15,780	※18,060	10,080	※14,930	7,380	12,180	5,840				
-4 m	kg	※19,600	16,080	※16,080	10,300	13,300	7,560	※10,770	6,020				
-5 m	kg		※12,770	10,650									

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.



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

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