

LIUGONG CONSTRUCTION MACHINERY N.A., LLC
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Engine	Cummins QSC8.3
Gross Power	280 hp (209 kW) @ 1,900 rpm
Net Power	260 hp (194 kW) @ 1,900 rpm
Maximum Digging Depth	24'1" (7339 mm)
Standard Bucket Capacity	2.09 yd ³ (1.6 m ³)
Operating Weight	81,571 lbs (37000 kg)

936D Excavator



ENGINE

Tier	Tier III
Make & Model	Cummins QSC8.3
Gross power	280 hp (209 kW) @ 1,900 rpm
Net power	260 hp (194 kW) @ 1,900 rpm
Peak torque	870 ft-lbs (1180 N.m) @ 1,500 rpm
Number of cylinders	6
Displacement	507 in ³ (8.3 L)

TRACK DRIVE

Max. travel speed	3.3 mph (5.3 km/h)
Gradeability	70 %
Drawbar pull	59,574 lbs (27022 kg)

UNDERCARRIAGE

Shoe width	31.5" (800 mm)
No. of shoes per side	48
No. of upper rollers per side	2
No. of bottom rollers per side	9

HYDRAULIC SYSTEM

Main pumps total flow	148 gal/min (560 L/min)
Relief pressure, main	4,685 psi (224 kPa)
Relief pressure, boost	5,120 psi (245 kPa)
Pilot pump flow	5.28 gal/min (20 L/min)

SWING SYSTEM

Swing speed	9 rpm
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REFERENCE ARM

Arm length	10'5" (3,175 mm)
Arm breakout force, normal, SAE	32,820 lbs (14,887 kg)
Arm breakout force, boost, SAE	36,190 lbs (16,416 kg)

WORKING RANGES

Max dig depth	24'1" (7340 mm)
Reach at ground level	35'9" (10897 mm)
Depth of 8' level bottom	24'4" (7417 mm)
Max dig height	33'7" (10239 mm)
Dump height	24'4" (7417 mm)
Max dig depth of vertical wall	21'2" (6452 mm)

BUCKET PERFORMANCE

Standard bucket heaped capacity	2.09 yd ³ (1.6 m ³)
Min heaped capacity of bucket options	1.83 yd ³ (1.4 m ³)
Max heaped capacity of bucket options	3.0 yd ³ (2.3 m ³)
Bucket breakout force, normal, SAE	44,730 lbs (20,289 kg)
Bucket breakout force, boost, SAE	48,550 lbs (22,022 kg)

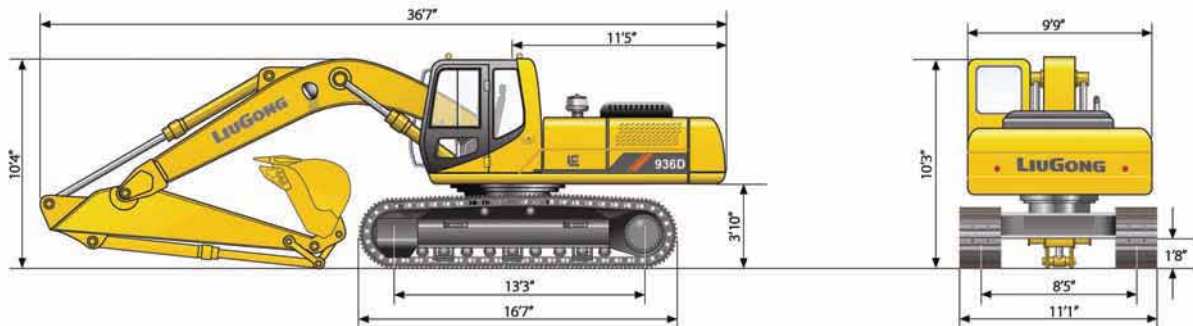
SERVICE CAPACITIES

Fuel tank	163.8 gal (620 L)
Engine oil	5.3 gal (20 L)
Cooling system	10.6 gal (40 L)
Hydraulic reservoir	63.4 gal (240 L)
Hydraulic system total	118.9 gal (450 L)

Bucket: SAE 1.83 yd³ (1.4m³) 2,470 lb (1120 kg) Boom: 21 ft (6400 mm) Arm: 10.5 ft (3200 mm) Shoes: 31.5" (800 mm) Counterweight: 16645 lb (7500 kg) Heavy lift mode

Lift Point Height											Max. reach			
	10' (3048 mm)		15' (4572 mm)		20' (6096 mm)		25' (7620 mm)		30' (9144 mm)		Front	Side		
20' (6096 m)	lb						15,645	15,645			13,979	12,645	30'	
	kg						7095	7095			6340	5735	9020 mm	
15' (4572 mm)	lb						17,089	15,423	15,870	11,439	11,847	10,696	31'	
	kg						7750	6994	7197	5188	5373	4850	9572 mm	
10' (3048 mm)	lb	49,693	49,693	30,061	30,061	22,757	20,727	19,047	14,836	16,909	11,155	16,395	10,471	32'
	kg	22536	22536	13633	13633	10320	9400	8638	6728	7668	5059	7435	4749	9851 mm
5' (1524 mm)	lb	62,791	55,008	36,706	29,585	26,298	19,642	21,027	14,250	17,929	10,848	16,898	10,220	32'
	kg	28476	24946	16646	13417	11926	8908	9536	6462	8131	4920	7663	4635	9882 mm
0	lb	64,007	54,058	40,297	28,359	28,785	18,869	22,526	13,794	17,665	10,608	16,684	10,026	32'
	kg	29027	24515	18275	12861	13054	8557	10216	6256	8011	4811	7566	4547	9678 mm
-5' (-1524 mm)	lb	61,417	54,206	40,859	27,945	29,720	18,481	22,903	13,542	17,559	10,513	17,658	10,470	30'
	kg	27852	24582	18530	12673	13478	8381	10387	6141	7963	4768	8008	4748	9213 mm
-10' (-3048 mm)	lb	56,252	54,854	38,882	28,051	28,820	18,452	22,202	13,544			19,678	12,045	28'
	kg	25510	24876	17633	12721	13070	8368	10069	6142			8924	5462	8444 mm
-15' (-4572 mm)	lb	47,682	47,682	34,058	28,578	25,407	18,787					20,672	15,174	24'
	kg	21624	21624	15445	12960	11522	8520					9375	6881	7273 mm
-20' (-6096 mm)	lb	33,403	33,403	24,459	24,459							21,507	21,507	18'
	kg	15148	15148	11092	11092							9753	9753	5430 mm

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.



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

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