

Reliability in Action

L938F, L948F Wheel Loaders



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Standard Features

- 1 Quiet operator cab with A/C, AM/FM and USB radio, ROPS/FOPS approved with excellent 360° visibility
- 2 General purpose buckets with reversible bolt on edges
- 3 ZF powershift transmission
- 4 ISO quick coupler with in-cab switch for coupler pin actuation
- 5 Joystick with integrated directional control switch, first gear kickdown, and separate third function lever for fully powered third function hydraulics.
- 6 SDLG 6.0 liter, tier 4f-certified engine with reversible cooling fan
- 7 SDLG torque proportioning axles with air-cooled, dry-disc brakes
- 8 12 month / 2,000 hour warranty with optional extended warranty packages

Optional Features

Long boom / extended reach

Boom suspension system / ride control

Light material buckets (3.3 or 4.5 yd³)

85" fork frame with 49" or 72" tines

Rearview camera with in-cab display

General purpose buckets, pin-on type

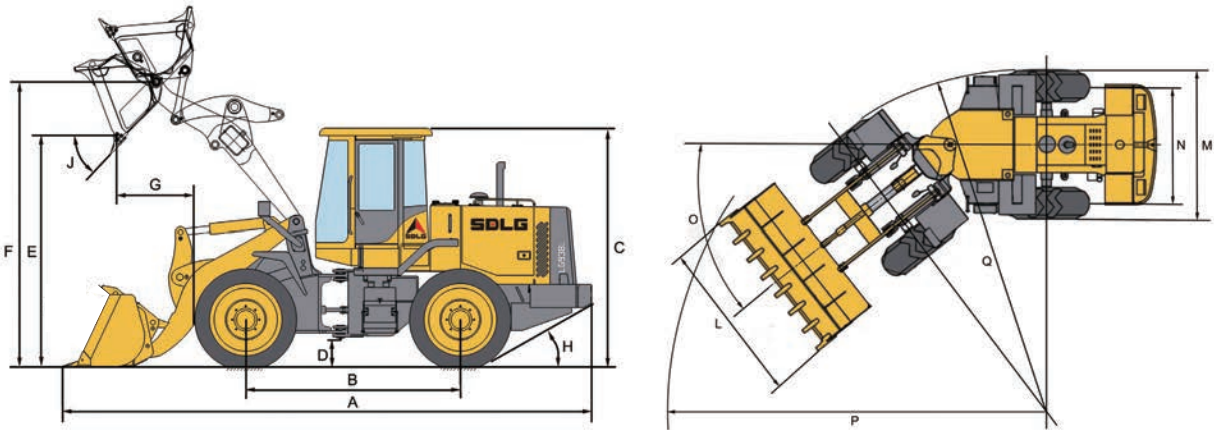
Additional counterweight (L938F)

Item	Specifications*			
Engine	L938F & L948F			
Model	DEUTZ-SDLG SD60 Tier 4 Final			
Type	4-Stroke, turbocharged, water-cooled, high-pressure common rail fuel injection system.			
Emission Control System	Cooled Exhaust Gas Recirculation. Particulate filter with active regeneration. DEF Fluid.			
Cylinders	6			
Displacement	in ³ L 372 6,1			
L938F				
Max Gross Power @ 1,600 rpm	hp	kW	171	127
Max Net Power @ 1,600 rpm	hp	kW	162	121
Max Torque @ 1,400 rpm	lb, ft	Nm	627	850
Rated Power @ 2,200 rpm	hp	kW	154	115
L948F				
Max Gross Power @ 1,900 rpm	hp	kW	184	137
Max Net Power @ 1,900 rpm	hp	kW	175	131
Max Torque @ 1,400 rpm	lb, ft	Nm	689	934
Rated Power @ 2,200 rpm	hp	kW	161	120

* Specifications are based on the configuration for a pin on bucket.

Specifications are subject to change without prior notice from SDLG North America in line with the continuous improvement program from SDLG

Main performance and parts specifications



Item	Specifications*						
Overall Dimensions			L938F		L948F		
A- Length (with bucket @ ground lvl)	Std Boom	ft in	mm	24' 4"	7 420	25' 6"	7 768
	Lg Boom	ft in	mm	25' 6"	7 760	26' 5"	8 060
B- Wheelbase		ft in	mm	9' 4"	2 850	9' 10"	3 000
C- Height		ft in	mm	11' 0"	3 360	10' 10"	3 300
D- Ground Clearance		ft in	mm	17"	440	17"	440
E- Max Dump Height (at 45°)	Std Boom	ft in	mm	9' 2"	2 795	9' 3"	2 820
	Lg Boom	ft in	mm	10' 2"	3 080	10' 2"	3 100
F- Hinge Pin Height	Std Boom	ft in	mm	12' 7"	3 850	12' 7"	3 840
	Lg Boom	ft in	mm	13' 7"	4 135	13' 6"	4 120
G- Max Dump Reach (at 45°)	Std Boom	ft in	mm	3' 10"	1 150	4' 0"	1 220
	Lg Boom	ft in	mm	3' 11"	1 170	4' 1"	1 240
H- Max Climbing Angle		°		28		26	
L- Bucket width		in	mm	103	2 616	109	2 762
M- Width over Tires		ft in	mm	8' 2"	2 485	8' 5"	2 574
N- Tire Tracking Width		ft in	mm	6' 5"	1 965	6' 9"	2 054
O- Steering angle		°		37.0		37.0	
P- Turn Radius, Out. Bucket		ft in	mm	20' 3"	6 175	21' 0"	6 390
Q- Turning Radius, Rear Tire		ft in	mm	18' 7"	5 674	18' 10"	5 736
Overall Parameters			L938F		L948F		
Bucket Cap., Std & Lg Boom	yd ³	m ³		2.5	1.9	3.0	2.3
Rated Load	lbs	kg		6,600	3 000	8,800	4 000
Operating Weight	lbs	kg		27,560	12 500	32,010	14 520
Full Turn Tip. Load - Hook on bucket	Std Boom	lbs	kg	14,400	6 530	20,700	9 388
	Lg Boom	lbs	kg	12,900	5 850	18,520	8 400
Max breakout force - Hook on bucket	Std Boom	lb _f	kN	16,410	73	28,100	125
	Lg Boom	lb _f	kN	15,290	68	25,850	115
Full Turn Tipping Load - Pin on bucket	Std Boom	lbs	kg	15,060	6 830	21,340	9 680
	Lg Boom	lbs	kg	13,404	6 080	19,090	8 660
Max breakout force - Pin on bucket	Std Boom	lb _f	kN	21,130	94	34,620	154
	Lg Boom	lb _f	kN	19,780	88	32,820	146

Item	Specifications*						
Drivetrain			L938F		L948F		
Torque Converter	Single Phase, 3 Elements, Single Turbine, Hydraulic Converter						
Transmission: ZF 4WG158	Fixed Axis, Electrohydraulic Shift						
Gears	4 Forward, 3 Reverse						
Speed	1st gear (F / R)	mph	km/h	5	8	4.2	6,7
	2nd gear (F / R)	mph	km/h	8	13	6.7	11
	3rd gear (F / R)	mph	km/h	15	24	12.5	20
	4th gear (F)	mph	km/h	22	36	19	31
Hydraulic System			L938F		L948F		
Type	Hydraulic Pilot Control						
Total Cycle Time, Empty		sec		≤ 8.3		≤ 9.21	
Brake System			L938F		L948F		
Service Brake	Hydraulic, Dry-Disc, SDLG						
Parking Brake	Mechanically Operated, Hyd. Release						
Steering System			L938F		L948F		
Type	Load sensing, fully hydraulic articulated steering						
Steering Pressure, Working	PSI	Mpa		2,031	14	2,320	16
Fill Capacity			L938F		L948F		
Fuel Tank	gal	L		55.5	210	55.5	210
DEF Tank	gal	L		7.9	30	7.9	30
Hydraulic Oil Tank	gal	L		33.8	128	35.7	135
Engine Oil	gal	L		4.2	16	4.2	16
Engine Coolant	gal	L		10.6	40	10.6	40
Main Drive, Front / Rear Axle	gal	L		3.4	13	4.2	16
Transmission Gearbox	gal	L		9.2	35	9.2	35
Electrical System			L938F		L948F		
Batteries		V		2 X 12		2 X 12	
Cold Cranking Amps		CCA		850.0		850.0	
Alternator Rating	W	A		2,240	80	2,240	80



www.sdlgna.com

Or call us directly at:
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