

Reliability in Action

# L933H Wheel Loader

**Absolute value  
for investment.**

Gross Power: 132HP@2150rpm

Operating Weight: 10586KG

Payload: 3000KG

CEV-IV Certified



Member of The Volvo Group



# Technical Specifications

Standard Equipment

Engine	
Make	WEICHAI
Model	WP4.6NG135E501
Type	Electronically controlled CRDI engine
Gross Power hp@2150rpm	132
Maximum Torque Nm@1400rpm	610
Engine exhaust after treatment	DSC + SCR + ASC
Working Modes	3

Transmission		
Make	Shantui	
Model	Fixed Shaft 4F/2R	
Torque Converter	Single phase, 3 elements, twin turbine, hydraulic converter	
Travel Speed km/hr	Forward	Reverse
1 <sup>st</sup> gear	0~8	0~ 10
2 <sup>nd</sup> gear	0~14	0~ 32
3 <sup>rd</sup> gear	0~ 27	
4 <sup>th</sup> gear	0~ 41	

Axles	
Make	SDLG make with Dry Disc brakes
Front	AL20 series Heavy Duty axles with the 20T carrying capacity
Rear	AL20 series Heavy Duty axles with the 20T carrying capacity

Hydraulic system	
Loader Hydraulic operation	Pilot operated with single Joystick
Pilot System working pressure	3.5MPa
Loader Arm Linkage	Z Bar
Main Pump Type	Gear Pump
Maximum Flow ltrs/min	220L/min
System working pressure Mpa	16

Hydraulic Cycle Time Sec	
Lifting Time (fully loaded)	5,2
Lowering Time (empty)	3
Dumping Time (Empty)	0,8
Total	9

Steering System	
Gear pump	
Type	Full hydraulic load sensing, articulated steering
Working pressure Mpa	14
Maximum Flow	287 ltr/min

Service & Maintenance	
Air-filter	Dual Air Filters with Turbo Precleaner
Fuel Filters	2
Water Separator	1 with electrical priming motor
Hydraulic Filter	1
Transmission filter	1

Optional Attachments	
HD Bucket m³	1.5
LM Bucket m³	3
Side Dump Bucket m³	NA
Log Grapple	Available
Pallet Fork	Available
Pre Cleaner	Oil bath pre cleaner

Brake System	
Service brake	Air over Hydraulic Disc Brakes with single brake pedal
Parking brake	Mechanically operated caliper disc brake

Tyres	Size
Front	17.5X25 L3
Rear	17.5X25 L3

System refill capacity (L) & Refill Interval (Hrs)	Tank Capacity	Refill Interval
Fuel	160	
Adblue	16	
Engine coolant	34	2000
Engine oil	18	500
Transmission oil	45	First 50 / every 1000
Axle & Final drive oil front	18	First 50 / every 1000
Axle & Final drive oil rear	20,5	First 50 / every 1000
Hydraulic oil volume in tank	136	2000
Brake System	4	

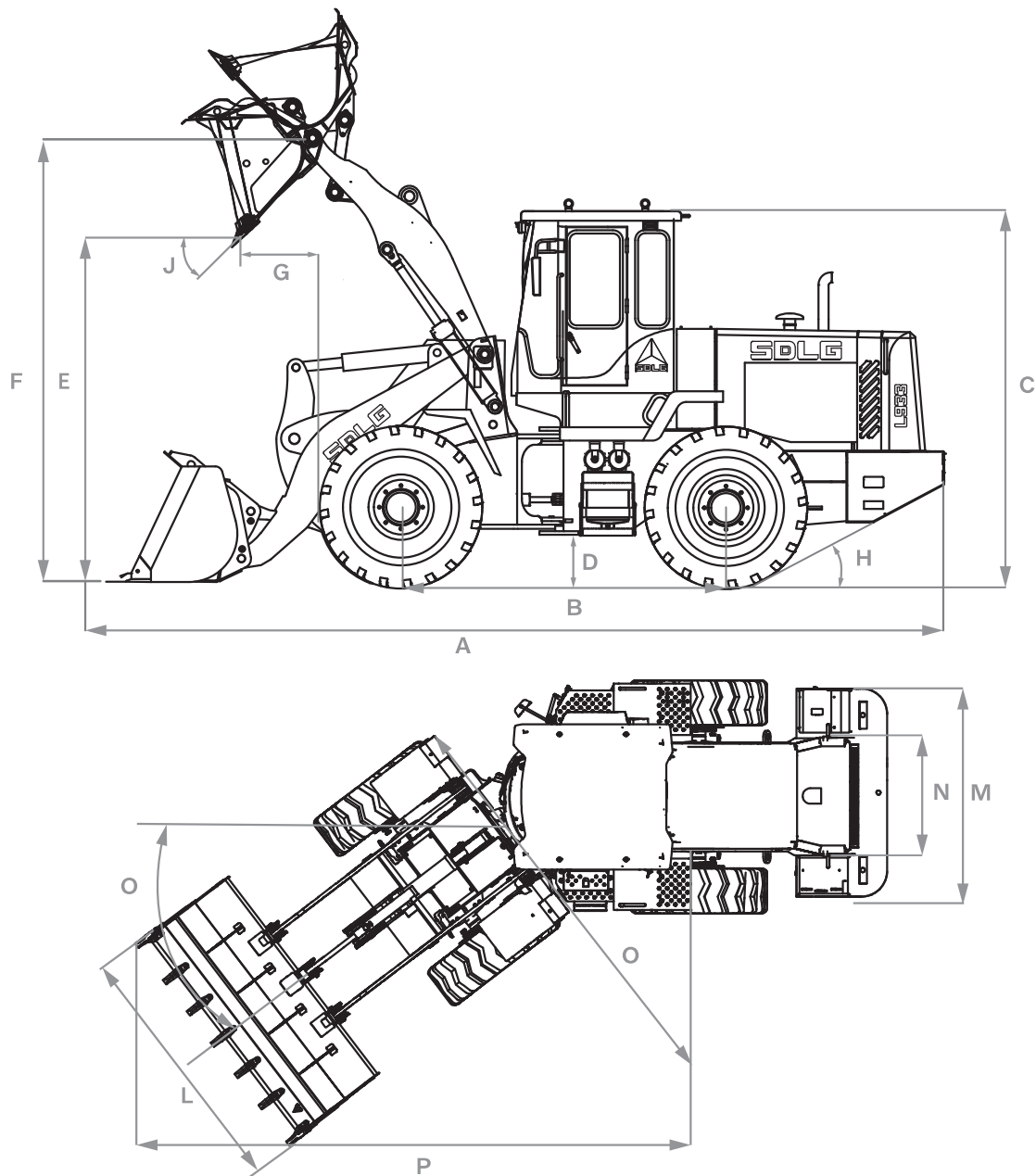
Electrical System		
Voltage	24V	
Batteries	2	

Cabin	
AC Cabin	Standard
AC	Standard with dual filters
Operator Seat	Mechanical Suspension Seat
Music System	MP3 Player with Bluetooth mobile connection
Seat Belt	Standard

Payload			
Payload Capacity kg	3000	3000	3000
Bucket Volume Heaped ISO/SAE cu.m (HD, GP, LM)	1,5	1,8	3
Volume at 110% Fill Factor m³	1,65	1,98	3,3
Operating Weight kg	10529	10300	10586
Breakout Force kN	104	96	75
Static Tipping Load Straight	7370	7600	7105
Static Tipping Load Full Turn	6370	6600	6105
Maximum Tractive Force kN	96	96	96

Noise dB			
Operator Ear Level	80		
Pass by noise	105		

## Dimensions



Loader Dimension (Bucket Size)	1.5	1.8	3.0
Length A	7130	7150	7240
Width L	2510	2520	2915
Height C	3240	3240	3240
Wheel Base B	2850	2850	2850
Minimum Ground clearance D	375	375	375
Maximum Dump Height E	3005	2950	2790
Maximum Hinge Pin Height F	3790	3790	3790
Maximum Reach G	1005	1050	1215
Dumping Angle J	-45°	-45°	-45°
Bucket roll back at ground level K	45°	45°	45°
Width outside of rear wheel M	2310	2310	2310
Steering angle	36°		
Minimum turning radius outside rear wheels (mm) O	5375	5375	5375
Horizontal crossing radius outside bucket (mm) P	6180		
Gradeability H	30°		
Wheel Tread N	1865		