

INNOVATION LEADS TO VALUE



SL61W WHEEL LOADER

- Rated power/speed:178kW/2200rpm
- Standard bucket capacity:3.5m³
- Rated load capacity:6000kg



CONFIGURATION

Weichai engine(National III)

LONKING Transmission

Flexible shaft steering gearshift

Longo dry drive axle

Pilot operation

Pneumatic caliper disc brake

ROPS&FOPS Cabin

Instrument cluster

Heating and air conditioning

OPTIONAL

Cold start device	Sliding Cabin Window	Electrically heated rear window glass
Pilot work control	Rear View Camera	Lockable fuel tank cover
Standard movable arm	Air Conditioner	3.8 cubic meter rock bucket
Oil bath air filter	Radio/MP3	4.2 cubic meter gravel bucket
750/65R25	Wood clamp (upper single and lower double)	5.6 cubic meter coal bucket
Third circuit	Wood clamp (upper double and lower double)	5.0 cubic meter coal bucket

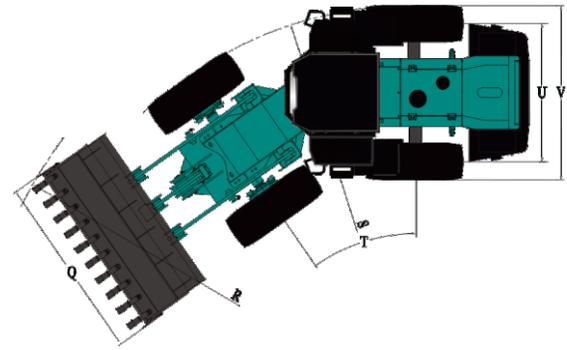
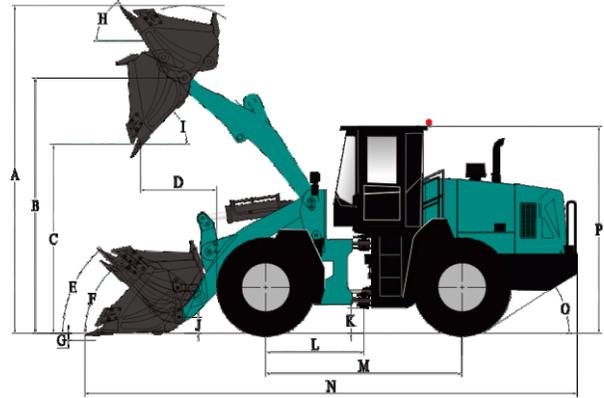
TECHNICAL PARAMETERS



SL61W

TECHNICAL PARAMETERS

BASIC	Length, width and height	mm	8700x3050x3510
	Standard bucket capacity	m ³	3.5
	Break-out force	KN	≥200
	Traction force	KN	200±5
	Rated load capacity	kg	6000
	Operating weight of the vehicle	kg	21700± 300
ENGINE	Manufacturer/model		WEICHAI/WP10G240E341
	Emission standard		National III
	Rated power/speed	KW/rpm	178/2200
	Maximum torque/speed	N.m/rpm	1200/1400-1600
	Number of cylinders/displacement	L	6/9.726
	Generator	Amp	70
	Battery	Ah	2-24V/120Ah
	Starter motor	V	24V
DRIVE TRAIN	Transmission type		Planetary gearbox
	Gearshift form		Planetary powershift
	Transmission pressure	Mpa	1.1-1.5
	Torque converter form		Single-stage twin-turbo four-element
	Drive axle		Dry axle
	Rear axle swing angle		±10°
	Primary reduction		Spiral Bevel,1-stage Reduction
	Hub reduction		Planetary reduction
	Tire specification		26.5-25-24PR
	Travel speed - forward		14/ 38
	Travel speed- reverse		19.5
	BRAKE SYSTEM	Travel brake	
Air pressure		Mpa	0.7-0.78MPa
Parking brake			Pneumatic caliper disc brake
Emergency brake			Pneumatic caliper disc brake
STEERING SYSTEM	Form		Load sensing full hydraulic steering
	Gear pump	L/min,prm	176/2200
	System pressure	Mpa	16MPa
	Steering cylinder form		Double cylinder drive
	Steering angle		±35°
HYDRAULIC SYSTEM	Form		Single handle pilot operation
	Rate of flow	L/min,prm	275L/min,2200prm
	Distribution valve		2 Spool
	System pressure	Mpa	18
	Total	s	≤10.8
SERVICE REFILL CAPACITY	Fuel tank capacity	L	330
	Hydraulic oil filling volume	L	270
	Oil filling volume	L	19
	Transmission oil filling volume	L	63
	Front axle /rear axle	L	62



	DESCRIPTION	UNIT	STANDARD
A	Height (maximum lifting position of the bucket)	mm	6129
B	Height of the lower pin of the moving arm from the ground	mm	4709
C	Unloading height - 45° unloading angle	mm	3580
D	Unloading distance - 45° unloading angle	mm	1227
E	Bucket angle - transport position	°	48.6
F	Bucket angle - ground clearance position	°	46.2
G	Depth of excavation	mm	69
H	Bucket angle - maximum lifting position	°	50.4
I	Unloading angle of the bucket	°	45
J	Transport height	mm	400
K	Minimum ground clearance	mm	512
L	Front axle - dimensions of front and rear frame hinges	mm	1700
M	Wheelbase	mm	3400
N	Vehicle length	mm	8700
O	Maximum permissible gradient	°	30
P	Vehicle height	mm	3510
Q	Vehicle width - bucket	mm	3050
R	Minimum turning radius - bucket	mm	7594
S	Minimum turning radius - outside of tires	mm	6500
T	Side-to-side steering angle	°	35
U	Wheel track	mm	2270
V	Outer distance of tires	mm	2945

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.

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