

INNOVATION LEADS TO VALUE



SUNWARD

SL52W WHEEL LOADER

- Rated power/speed:162kW/2200rpm
- Standard bucket capacity:3m³
- Rated load capacity:5000kg



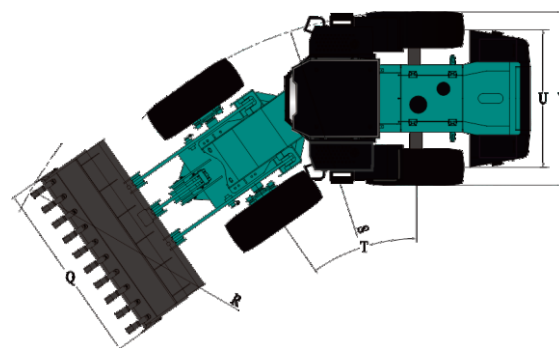
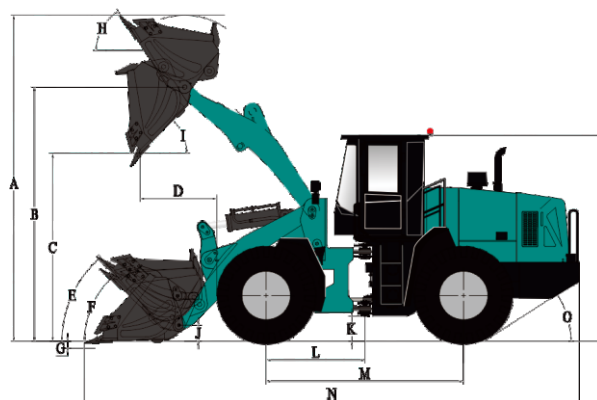
CONFIGURATION
WEICHAJ Engine (National II)
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control
Flexible Shaft Controlled Caliper Brake
ROPS&FOPS Cabin
Combination Instrument
Air Conditioner

OPTIONAL		
Cold start device	Heating and cooling air conditioner	Russial bucket□3.0m ³ □
Pilot work control	Radio/MP3	rock bucket□2.7m ³ □
High Dump	Log Grapple	large bucket□3.5m ³ □
Oil-bath Air Filter	Grass Grapple	coal bucket□4.2m ³ □
radial tire	Goods Grapple	Side Tip Bucket
3rd Spool for Auxiliary Function	Electric Heating Rear Window	marble fork
Sliding Cabin Window	Lockable Oil Tank Cap	
Rear View Camera	Bucket(3 Piece Cutting Edges)	



TECHNICAL PARAMETERS

BASIC	Length, width and height	mm	8105(8230)x3000x3380
	Standard bucket capacity	m ³	3
	Break-out force	KN	170±3
	Traction force	KN	155±3
	Rated load capacity	kg	5000
	Operating weight of the vehicle	kg	16800-3000
ENGINE	Manufacturer/model		WEICHAI/WD10G220E21
	Emission standard		National II
	Rated power/speed	KW/rpm	162/2200
	Maximum torque/speed	N.m/rpm	860/1400-1600
	Number of cylinders/displacement	L	6/9.726
	Generator	Amp	70
	Battery	Ah	2-24V/120Ah
	Starter motor	V	24V/7.5kW
DRIVE TRAIN	Transmission type		Planetary gearbox
	Gearshift form		Flexible shaft control gear-shift
	Transmission pressure	Mpa	1.2-1.5MPa
	Torque converter form		Single double turbine
	Drive axle		Rigid (Front)&Oscillating (Rear)
	Rear axle swing angle		±10°
	Primary reduction		Spiral Bevel, 2-stage Reduction
	Hub reduction		Planetary Reduction
	Tire specification		23.5-25L-316PR TT
	Travel speed - forward		11.5/36km/h
BRAKE SYSTEM	Travel brake		Air over hydraulic caliper disc brake
	Air pressure	Mpa	0.70-0.78MPa
	Parking brake		Flexible Shaft Controlled Caliper Brake
	Emergency brake		Flexible Shaft Controlled Caliper Brake
STEERING SYSTEM	Form		Hydraulic Load Sensing System
	Gear pump	L/min,prm	176L/min- 2200rpm
	System pressure	Mpa	15MPa
	Steering cylinder form		Double Acting
	Steering angle		±35°
HYDRAULIC SYSTEM	Form		Mechanical work control
	Rate of flow	L/min,prm	220L/min.2200prm
	Distribution valve		2 Spool
	System pressure	Mpa	16
	Total	s	11
SERVICE REFILL CAPACITY	Fuel tank capacity	L	285
	Hydraulic oil filling volume	L	265/270(3 Third pipeline)
	Oil filling volume	L	20
	Transmission oil filling volume	L	46
	Front axle /rear axle	L	28/28



DESCRIPTION		UNIT	STANDARD/ HIGH-POSITION UNLOADING
A	Height (maximum lifting position of the bucket)	mm	5275
B	Height of the lower pin of the moving arm from the ground	mm	4119/4520
C	Unloading height - 45° unloading angle	mm	3062/3458
D	Unloading distance - 45° unloading angle	mm	1276/1230
E	Bucket angle - transport position	°	48/46
F	Bucket angle - ground clearance position	°	45/42
G	Depth of excavation	mm	50
H	Bucket angle - maximum lifting position	°	53/50
I	Unloading angle of the bucket	°	45
J	Transport height	mm	400
K	Minimum ground clearance	mm	409
L	Front axle - dimensions of front and rear frame hinges	mm	1615
M	Wheelbase	mm	3230
N	Vehicle length	mm	8015/8230
O	Maximum permissible gradient	°	32
P	Vehicle height	mm	3380
Q	Vehicle width - bucket	mm	3000
R	Minimum turning radius - bucket	mm	7170/7280
S	Minimum turning radius - outside of tires	mm	6537.5
T	Side-to-side steering angle	°	35
U	Wheel track	mm	2240
V	Outer distance of tires	mm	2835

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

