

INNOVATION LEADS TO VALUE



SL52W WHEEL LOADER

◆ Rated Power:162kW/2200rpm ◆ Bucket Capacity:3.0 m³ ◆ Rated Payload:5000kg

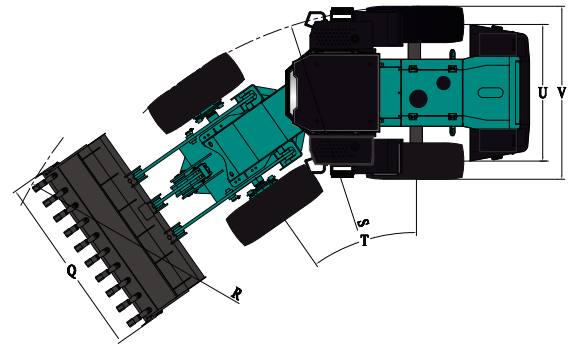
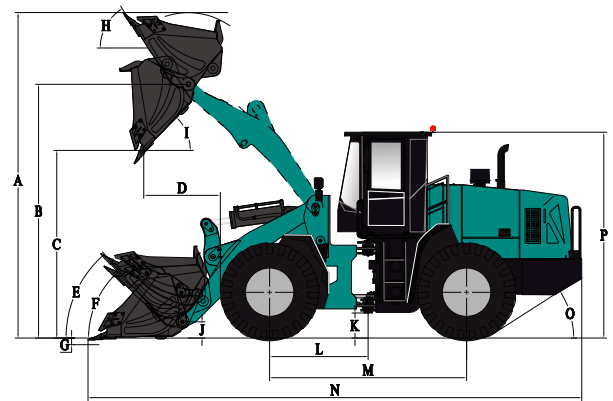


CONFIGURATION
WEICHAH Engine (National II)
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Mechanical Powershift Control
Flexible Shaft Controlled Caliper Brake
ROPS&FOPS Cabin
Combination Instrument
Air Conditioner

OPTIONAL	
high dump	Bucket(3 Piece Cutting Edges)
Oil-bath Air Filter	rock bucket (2.7m ³)
radial tire	large bucket (3.5m ³)
3rd Spool for Auxiliary Function	coal bucket (4.2m ³)
Sliding Cabin Window	Log Grapple
Electric Heating Rear Window	Grass Grapple
Lockable Oil Tank Cap	Measuring discharging bucket(2.5m ³)
Rear View Camera	marble fork
radio/MP3	pallet fork



TECHNICAL PARAMETERS		
BASIC	Bucket Capacity	3.0m ³
	Rated Payload	5000kg
	Operating Weight	16800±300kg
	Traction Force	155±3kN
	Breakout Force	170±3kN
	L×W×H	8105(8230)×3000×3380
ENGINE	Maker/Model	WEICHAI/WD10G220E21
	Rated Power	162kW/2200rpm
	Maximum Torque	860N·m/1400-1600rpm
	Bore x Stroke	126×130mm
	No. of Cylinders /Displacement	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/120Ah
DRIVE TRAIN	Starting Motor	24V/7.5kW
	Transmission Type	Planetary gearbox
	Shift Type	Mechanical Powershift Control
	Pressure of Transmission	1.2-1.5MPa
	Torque Converter Type	Single double turbine
	Axles	Rigid (Front)&Oscillating (Rear)
	Rear Axle Oscillation	±10°
	Differential	Conventional
	Main Reducer	Spiral Bevel,1-stage Reduction
	Final Reducer	Planetary Reduction
	Tire	23.5-25 L-3 16PR TT
Travel Speed-Forward	13/36 km/h	
Travel Speed-Reverse	16 km/h	
BRAKE SYSTEM	Service Brake	Air over hydraulic caliper disc brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Flexible Shaft Controlled Caliper Brake
	Emergency Brake	
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	176L/min·2200rpm
	System Pressure	15MPa
	Cylinder Type	Double Acting
	Steering Angle	±35°
HYDRAULIC SYSTEM	Type	Mechanical Powershift Control
	Pump	220L/min·2200rpm
	Control Valve	2 Spool
	System Pressure	16MPa
	Cycle Time (Sec)	11
SERVICE REFILL CAPACITY	Fuel Tank	285L
	Hydraulic Tank	265/270L
	Crankshaft	20L
	Transmission	46L
	Front Axle/Rear Axle	28L/28L



DESCRIPTION	UNIT	STANDARD CONFIGURATION	HIGH CONFIGURATION
A Overall Height – Bucket Raised	mm	5275	5637
B Bucket Pin Height at Max. Lift	mm	4119	4520
C Dump Clearance at Max. Lift (45°)	mm	3062	3458
D Reach at Max. Lift and 45° Dump	mm	1276	1230
E Rack Back Angle at Carry	°	48	46
F Rack Back Angle at Ground	°	45	42
G Digging Depth	mm	50	50
H Rack Back Angle at Max. Lift	°	53	50
I Dump Angle at Max. Lift	°	45	45
J Carry Height	mm	400	400
K Ground Clearance	mm	409	409
L Center Line of Front Axle to Hitch	mm	1615	1615
M Wheel Base	mm	3230	3230
N Overall Length	mm	8015	8230
O Departure Angle	°	32	32
P Height to Top of Cab	mm	3380	3380
Q Overall Width over Bucket	mm	3000	3000
R Min. Turning Radius over Bucket	mm	7170	7280
S Min. Turning Radius over Tires	mm	6537.5	6537.5
T Steering Angle – Left/Right	°	35	35
U Width at Tread Center	mm	2240	2240
V Overall Width over Tires	mm	2835	2835

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

