

LONKING

Efficiency Rules the Future

Update bucket



LG833 PRO WHEEL LOADER

POWERFUL WEICHA DEUTZ ENGINE

LONKING TRANSMISSION

LONKING AXLES

ROPS&FOPS CABIN

VARIETY WITH ATTACHMENT

CONVENIENT MAINTENANCE



Update tank

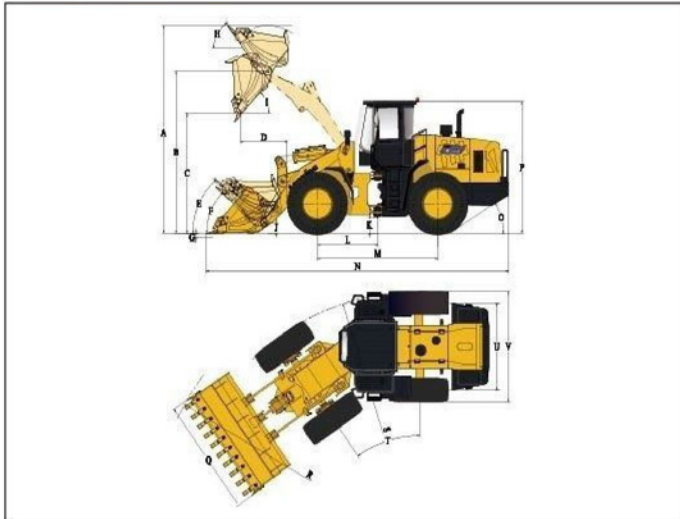
update transmission



■ RATED POWER:	92kW/2200rpm
■ BUCKET CAPACITY:	1.8 m ³
■ RATED PAYLOAD:	3000kg
■ OPERATING WEIGHT:	10300kg

DIMENSIONS

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



NO.	DESCRIPTION	UNIT	STD	High Dump
A	Overall Height – Bucket Raised	mm	4737	5080
B	Bucket Pin Height at Max. Lift	mm	3710	4064
C	Dump Clearance at Max. Lift (45°)	mm	2904	3249
D	Reach at Max. Lift and 45° Dump	mm	1095	1002
E	Rack Back Angle at Carry	°	46.3	46.6
F	Rack Back Angle at Ground	°	40	40.9
G	Digging Depth	mm	30-40	30-40
H	Rack Back Angle at Max. Lift	°	50.7	47
I	Dump Angle at Max. Lift	°	46.6	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	345	345
L	Center Line of Front Axle to Hitch	mm	1425	1425
M	Wheel Base	mm	2850	2850
N	Overall Length	mm	7200	7450
O	Departure Angle	°	27	27
P	Height to Top of Cab	mm	3180	3180
Q	Overall Width over Bucket	mm	2500	2500
R	Min. Turning Radius over Bucket	mm	6190	6280
S	Min. Turning Radius over Tires	mm	5675	5675
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1850	1850
V	Overall Width over Tires	mm	2320	2320

OVERALL DATA

Bucket Capacity	1.8 m³	1.8 m³
Rated Payload	3000kg	3000kg
Operating Weight	10300±300kg	10500±300kg
Traction Force	97±3kN	97±3kN
Breakout Force	105±3kN	95±3kN
LxWxH(mm)	7200×2500×3180	7450×2500×3180

ENGINE&ELECTRICAL SYSTEM

Maker/Model	WEICHA/ WP6G125E22
Emission Standard	National II
Engine Type	4 Stroke, Turbocharged, Water-cooled, Direct Injection, Diesel Engine
Rated Power	92kW(125hp)/2200rpm
Maximum Torque	500N·m/1400-1600rpm
Bore x Stroke (mm)	105×130
No. of Cylinders/Displacement	6/6.75L
Compression Ratio	18.0
Air Cleaner	Three Stage Air Cleaner
Alternator	55Amp
Battery	2-24V/105Ah
Starting Motor	24V/6kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W



MITRA TEKNIKO SEJATI

Jakarta

Galeri Niaga Mediterania 1
Jl. Pantai Indah Utara II Blok. X3 No. G8A-8B
Pantai Indah Kapuk - Jakarta Utara
Telp. 021 52393819

Tangerang I

Kawasan Industri Milenium Blok P2 No. 3
Jl. Penda Tigaraksa, Sukamulya,
Cikupa, Tangerang - Banten
Telp. 021 59645008

Tangerang II

Kawasan Bizlink Citra Raya Blok O 08/20
Jl. Penda Tigaraksa, Sukamulya
Cikupa, Tangerang - Banten

Bantaeng

Jl. Dusun Mawang, Desa Papanloe,
Pajukukang, Bantaeng Regency
Sulawesi Selatan

DRIVE TRAIN

Transmission Type			Countershaft Powershift Transmission		
Shift Type			Mechanical Powershift Control		
Pressure of Transmission			1.1-1.5MPa		
Torque Converter Type			Single-stage, Single-turbine, 3-element		
Torque Ratio			3.2		
Axles			Rigid Front Axle&Oscillating Rear Axle		
Rear Axle Oscillation (°)			±10°		
Differential			Conventional		
Main Reducer			Spiral Bevel, 1-stage Reduction		
Final Reducer			Planetary Reduction		
Tire			17.5-25 L-3 12PR TT		
Travel Speeds	km/h	1st	2nd	3rd	4th
	Forward	7	12	24	36
	Reverse	8.5	28		

BRAKE SYSTEM

Service Brake	Single Circuit Caliper, Dry Brake
Setting Pressure	0.70-0.78MPa
Parking Brake	Flexible Shaft Controlled Caliper Brake
Emergency Brake	Flexible Shaft Controlled Caliper Brake

STEERING SYSTEM

Type		Hydraulic Load Sensing System
Pump		Gear Pump, 176L/min • 2200rpm
System Pressure		14MPa
Cylinder	Type	Double Acting
	Bore x Stroke	2-80x315mm
Steering Angle		±35°

HYDRAULIC SYSTEM

Type		Mechanical Shift Control		
Pump		Gear Pump, 176L/min • 2200rpm		
Control Valve		2 Spool (Bucket&Boom)		
System Pressure		16MPa		
Cylinder	Lift Cylinder	2-125×784mm		
No.-Bore x stroke	Tilt Cylinder	1-140×553mm		
Joystick Control Pressure(Optional)		2.5MPa		
Cycle Time	Raise	Dump	Lower	Total
(Sec)	5.5	1.3	3.7	10.5

SERVICE REFILL CAPACITY

Fuel Tank (L)	200L
Hydraulic Tank (L)	150/155/3 rd Spool for Auxiliary Function
Crankshaft (L)	17L
Transmission (L)	36L
Front Axle/Rear Axle (L)	18.5L/18.5L

STANDARD EQUIPMENT

WEICHA Engine	Mechanical Shift Control
4F/2R LONKING Transmission	Standard Lift&Bucket (1.8m³)
Mechanical Powershift Control	ROPS&FOPS Cabin
LONKING Axles	Mechanical Instrument Panel
Flexible Shaft Controlled Caliper Brake(Parking Brake)	

OPTIONAL EQUIPMENT

Joystick Control	High Lift & Additional Counterweight
3F/3R LONKING Transmission	Quick Hitch Coupler
Air Conditioner	Quick Hitch Bucket (1.8m³)
Radio/MP3	Bucket 1(2.0m³)
Cold Starting (-35°C)	Enlarged Bucket(2.3m³)
Oil-bath Air Filter	Coal Bucket(2.5m³)
17.5R25 ★★ L-3 TL	Bucket(3 Piece Cutting Edges)
3 rd Spool for Auxiliary Function	Log Grapple
3-lever Control for Lift&Tilt&Auxiliary Function	Grass Grapple
Sliding Cabin Window	Side Tip Bucket
Electric Heating Rear Window	Log Fork
Lockable Oil Tank Cap	4in1 Bucket(Quick Hitch Only)
Rear View Camera	Snow Blade(Quick Hitch Only)
Pressure Testing Connector	Close Sweeper

Surabaya

Jl. Raya Gilang 8, Gilang, Kec. Taman, Sidoarjo -
Jawa Timur 61257
Telp. 031 99794078

Makassar

Jl. Ir. Sutami, Pertamina (Pengisian Gas Elpiji)
PT. Pergudangan Permata Alam Blok B No. 10
Makassar - Sulawesi Selatan
Telp 04118037636

Samarinda

Jl. Ampera Pergudangan Mangkupalas Bisnis
Center Blok D20 Simpang Pasir
Palaran, Samarinda - Kalimantan Timur