

LONKING 龙工

LG855N

WHEEL LOADER

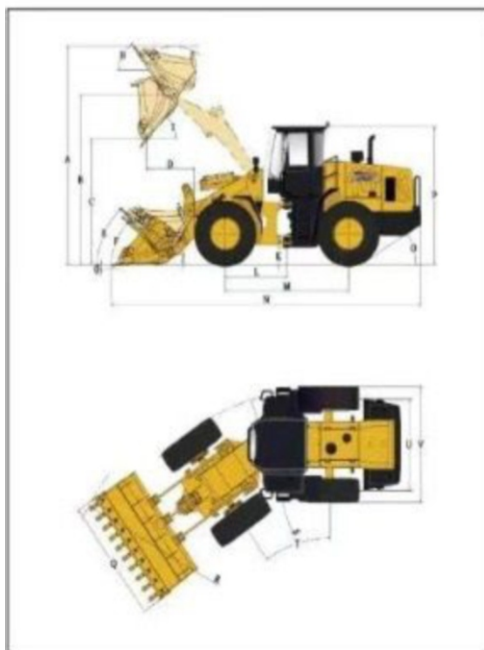
Efficiency Rules the Future



- **RATED POWER:** 162kW/2200rpm
- **BUCKET CAPACITY:** 3.0 m³
- **RATED PAYLOAD:** 5000kg
- **OPERATING WEIGHT:** 16800kg/17200kg

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	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	
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	2240	2240
V	Overall Width over Tires	mm	2835	2835

TECHNICAL PARAMETERS

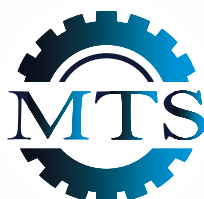
BASIC	Bucket Capacity	3.0m³
	Rated Payload	5000kg
	Operating Weight	16800±300kg
	Traction Force	155±3kN
	Breakout Force	170±3kN
	L×W×H	8105(8230) × 3000 × 3380
ENGINE	Maker/Model	WEICHA/WD10G220E21
	Rated Power	162kW/2200rpm
	Maximum Torque	860N·m/1400-1600rpm
	Bore x Stroke (mm)	126×130mm
	No. of Cylinders /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 Powershift
	Shift Type	Mechanical Powershift Control
	Pressure of Transmission	1.1-1.5MPa
	Torque Converter Type	Single-stage, Duo-turbine, 4-element
	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
BRAKE SYSTEM	Travel Speed-Reverse	16 km/h
	Service Brake	Gas Push Oil Caliper Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Air Actuated Caliper Brake
STEERING SYSTEM	Emergency Brake	Air Actuated Caliper Brake
	Type	Hydraulic Load Sensing System
	Pump	176L/min 2200rpm
	System Pressure	15MPa
HYDRAULIC SYSTEM	Cylinder Type	Double Acting
	Steering Angle	±35°
	Type	Mechanical Shift Working Control
	Pump	110L/min 2200rpm
SERVICE REFILL CAPACITY	Control Valve	2 Spool
	System Pressure	16MPa
	Cycle Time (Sec)	11
	Fuel Tank (L)	285L
	Hydraulic Tank (L)	265/270(3rd Spool)L
	Crankshaft (L)	20L
	Transmission (L)	46L
	Front Axle/Rear Axle (L)	28L/28L

CONFIGURATION

WEICHA Engine
LONGING Transmission
Mechanical Powershift Control
LONGING Axles (Dry type)
Mechanical Shift Working Control
Air Actuated Caliper Brake
ROPS&FOPS Cabin
Mechanical Instrument Panel
Warm-air Machine

OPTIONAL

High Dump
Oil-bath Air Filter
Radial Tires
Limited Lifting Position(Pilot model)
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Air Conditioner
Radio/MP3
Bucket(3 Piece Cutting Edges)
Rock Bucket(2.7m³)
Enlarged Bucket(3.5m³)
Coal Bucket(4.2m³)
Log Grapple
Grass Grapple
Side Tip Bucket
Marble Fork
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket
4in1 Bucket(Quick Hitch Only)
Snow Blade(Quick Hitch Only)



MITRA TEKNINDO SEJATI

Jakarta

Galeri Niaga Mediterania 1
Jl. Pantai Indah Utara II Blok. X3 No. C8A-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

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