

LONKING 龙工

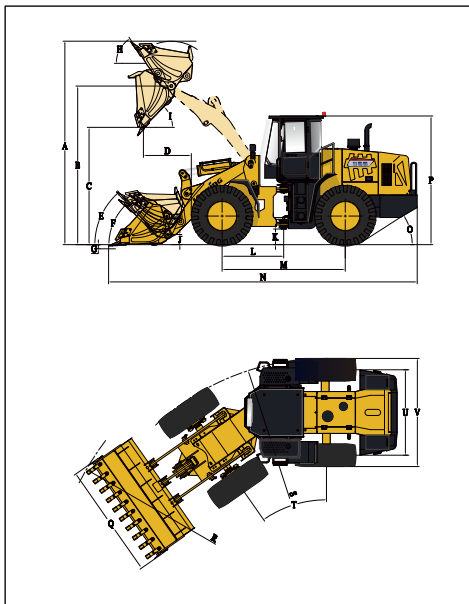
CDM855N **WHEEL LOADER** Efficiency Rules the Future



- **RATED POWER:** 162kW/2200rpm
- **BUCKET CAPACITY:** 3.0 m³
- **RATED PAYLOAD:** 5000kg
- **OPERATING WEIGHT:** 16800±300kg

DIMENSIONS

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



NO.	DESCRIPTION	UNIT	High Dump
A	Overall Height – Bucket Raised	mm	5587
B	Bucket Pin Height at Max. Lift	mm	4470
C	Dump Clearance at Max. Lift (45°)	mm	3410
D	Reach at Max. Lift and 45° Dump	mm	1284
E	Rack Back Angle at Carry	°	45.5
F	Rack Back Angle at Ground	°	41.4
G	Digging Depth	mm	70
H	Rack Back Angle at Max. Lift	°	50
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	408
L	Center Line of Front Axle to Hitch	mm	1615
M	Wheel Base	mm	3230
N	Overall Length	mm	8320
O	Departure Angle	°	32
P	Height to Top of Cab	mm	3380
Q	Overall Width over Bucket	mm	3000
R	Min. Turning Radius over Bucket	mm	7280
S	Min. Turning Radius over Tires	mm	6560
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	2240
V	Overall Width over Tires	mm	2835

TECHNICAL PARAMETERS

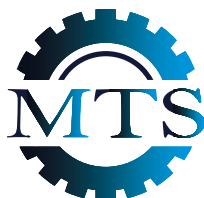
Basic	Bucket Capacity	3.0m³
	Rated Payload	5000kg
	Operating Weight	16800±300kg
	Traction Force	155±3kN
	Breakout Force	170±3kN
	L×W×H	8320×3000×3380
Engine	Maker/Model	WEICHA/ WP10G22 0E21
	Rated Power	162kW/2200rpm
	Maximum Torque	860N·m/1400-1600rpm
	Bore x Stroke (mm)	126×130mm
	No. of Cylinders /Displacement	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
	Transmission Type	Planetary Powershift
DRIVE TRAIN	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
	Travel Speed-Reverse	16 km/h
BRAKE SYSTEM	Service Brake	Gas Push Oil Caliper Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Air Actuated Caliper Brake
	Emergency Brake	Air Actuated Caliper Brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	176L/min·2200rpm
	System Pressure	15MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	220L/min·2200rpm
	Control Valve	2 Spool
	System Pressure	16MPa
SERVICE REFILL CAPACITY	Cycle Time (Sec)	11
	Fuel Tank (L)	285L
	Hydraulic Tank (L)	270L
	Crankshaft (L)	20L
	Transmission (L)	46L
	Front Axle/Rear Axle (L)	28L/28L

CONFIGURATION

WEICHA Engine
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
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
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)
Side Tip Bucket
Marble Fork



MITRA TEKNIENDO 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

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

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. 0411 8037636

Samarinda

Jl. Ampera Pergudangan Mangkupalas Bisnis
Center Blok D20 Simpang Pasir
Palaran, Samarinda - Kalimantan Timur
Telp. 0541 7263751