



# Lonking 龙工

Efficiency Rules the Future

## OVERALL DATA

Bucket Capacity (m <sup>3</sup> )	0.95
Rated Payload (kg)	1600
Operating Weight (kg)	5500
Traction Force (kN)	50
Breakout Force (kN)	48
L×W×H (mm)	5700×1950×2930

Travel Speeds (km/h)		
	I	II
Forward	8	21
Reverse	8	21

## ENGINE YTO YT4A2-24

Rated Power (kW-hp)/rpm	55 (75)/2400
Rated Torque (Nm/rpm)	235/1680-1800
Starting Voltage (V)	24

## DRIVE TRAIN

Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.7
Transmission	Fixed Shaft Hydraulic Shift Spur Gear
Gear	2F/2R
Pressure of Transmission (MPa)	1.2-1.5
Main Reducer	Spiral Bevel Gear Single-stage Reduction
Final Reducer	Planetary Reduction
Tire	16/70-20

## BRAKE SYSTEM

Service Brake	Air Drive, Four Wheel Brake (Dry)
Setting Pressure (MPa)	0.78
Parking & Emergency Brake	Flexible Shaft Controlled Caliper

## STANDARD OPTIONAL

Hydraulic Transmission	Log Grapple (J)
Dry Brake Drive Axle	Light-duty Grapple (ZZ)
Standard Bucket	High Dumping(G)
Mechanical Flexible Shaft Control	Quick Connector (H)

## STEERING SYSTEM

Type	Hydraulic Load Sensor System
Cylinders-bore x Stroke (mm)	2-63X280
Steering Pump	Shared with Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

## HYDRAULIC SYSTEM

Lift Cylinders-bore x Stroke (mm)	2-90X589
Tilt Cylinder-bore x Stroke(mm)	1-100X387
Working Pump	Gear Pump
Flow Rate (L/min/rpm)	120/2400
System Pressure (MPa)	16
Hydraulic Cycle Time, Rated Load in Bucket (In Second)	

Raise (Loaded)	Dump	Lower (Empty)	Total
4.9	0.8	3.7	9.4

## ELECTRICAL SYSTEM

System Voltage (V)	24
Battery (2 in Series) (Ah)	180
Lamp Voltage (V)	24

## SERVICE REFILL CAPACITY

Fuel Tank (L)	80
Hydraulic Tank (L)	80
Transmission (L)	18
Front Axle (L) / Rear Axle (L)	12/12

## AC SYSTEM OPTIONAL

Heating Capacity (W)	4500 (±10%)
Cooling Capacity (W)	3200 (±10%)

### Jakarta

Rukan Sedayu Square Blok D/08,  
Cengkareng, Jakarta Barat - DKI  
Jakarta.

### Tangerang

Pergudangan Bizlink Citra Raya  
Blok P5 No. 31 Jl. Pemda Tigaraksa  
Kel. Sukamulya Kec. Cikupa Kab.  
Tangerang - Banten.

### Surabaya

Jl. Gunung Sari No. 55-59 (gudang B)  
Surabaya - Jawa Timur.

### Makassar

Ruko Insingnia Blok B No. 17 Jl.  
Perintis Kemerdekaan KM 15 Kel.  
Pai Kec. Biringkanaya Kota  
Makassar - Sulawesi Selatan.

# CDM816D WHEEL LOADER

Powerful YTO Engine  
Hydraulic Transmission & Torque Converter  
Pilot Control & AC as Optional  
Variety with Attachment  
Convenient Maintenance



■ RATED POWER:	55kW/2400rpm
■ BUCKET CAPACITY:	0.95m <sup>3</sup>
■ RATED PAYLOAD:	1600kg
■ OPERATING WEIGHT:	5500kg



PT. MITRA TEKNINDO SEJATI