LONKING HOLDINGS LIMITED

LONKING INTERNATIONAL STRATEGIC BUSINESS UNIT

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LONKING

Efficiency Rules The Future

LONKING CONSTRUCTION MACHINERY
LONKING INTERNATIONAL STRATEGIC BUSINESS UNIT

The information in this booklet is for instructional reference only,actual product and specifications is subject to updates and improvements.

CONTENTS

LONKING HOLDINGS LIMITED

Founded in 1993, Lonking Holdings Limited ("Lonking") is one of the largest construction & logistic manufacturers in China. It has 19 wholly owned subsidiaries and four production bases, respectively located in Fujian, Shanghai, Jiangxi and He'nan, covering over 3 million square meters. In 2005, The company has been successfully listed in Hong Kong stock exchange (stock code: 03339).

Lonking manufactures wheel loader, hydraulic excavator, road roller, forklift, motor grader, skid steer loader and some core components, including gearboxes, torque converters, axle, hydraulic components, gear pipes and driver shaft among others, all our products are well sold all over the world.

Lonking aims to continue developing energy efficient and environmental-friendly products and gives it share in the property of global economy and progress of humanity. And we insist “distribution agency” principle and three advantages of “quality, service and cost performance”.

For more information, please visit www.lonkinggroup.com!

SUBSIDIARIES

LONKING WHEEL LOADER STRATEGIC BUSINESS UNIT

LONKING (FUJIAN) MACHINERY CO.,LTD.
LONKING MACHINE REPIACE PARTS CO.,LTD. LONGYAN FUJIAN
LONKING (SHANGHAI) MACHINERY CO.,LTD.
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LONKING FORKLIFT STRATEGIC BUSINESS UNIT

LONKING (SHANGHAI) FORKLIFT CO.,LTD.
LONKING FORKLIFT MARKETING CO.,LTD.

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LONKING (SHANGHAI) PRECISION HYDRAULICS CO.,LTD.
LONKING (JIANG XI) MACHINERY CO.,LTD.
LONKING (FUJIAN) AXIE & TRANSMISSION CO.,LTD.
LONKING (FUJIAN) HYDRAULICS CO.,LTD.
LONKING (SHANGHAI) FINANCIAL LEASING CO.,LTD.

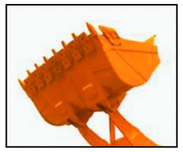
TECHNICAL RESEARCH INSTITUTION OF LONKING HOLDINGS LIMITED

LONKING (FUJIAN) CASTING & FORGINGCO.,LTD.
LONKING (SHANGHAI) MACHINERY CO.,LTD.

Wheel Loader

1.Enlarged Bucket

Enlarged bucket on the base of standard bucket configuration, which has improved working efficiency and satisfies shoveling and loading materials of light gravity.



2.Rock Bucket

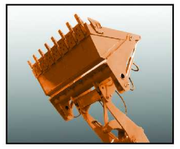
This kind of bucket aims at working condition of loading and unloading rocks. Bucket wall plate and supporting plate are reinforced and high resistant auxiliary blade plate and casted bucket teeth are equipped, as has improved service life of the bucket.

3.High Dumping Black Gold King

Dumping height can meet required height of truck with high enclosure. As for material with light gravity, it can satisfy not only high dumping but also large loading capacity, which greatly improves working efficiency.

4.Side Dump Bucket

This kind of bucket aims at working devices working at narrow fields especially in tunnels. It can dump sideward and effectively lighten driver's work intensity when working in tunnels.

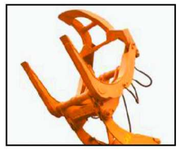


5.4 in 1 Bucket

The 4 In 1 Bucket is a versatile,multiple use tool for grading,dozing,clamping,loading， high dumping and scraping.Like having four attachments in one ,its heavy-duty construction and industrial strength cylinders and cutting edges provide a long life for landscaping,municipal,construction or demolition work.

6.Fork

To equip a wheel loader with a fork actually makes the loader a more multifunctional and effective material handling equipment. It can deal with all material handling assignments that you can imagine. The attachment is widely applied to ports, railways, Ironmaking & Steelmaking, chemical, construction industry and etc.



7.Wood Fork

It is mainly used for material transportation, loading and unloading at forestry centre and port.

8.Quick Changing Device

It mainly aims at work fields with much material required to be loaded and unloaded. Driver can perform quick changing of working devices in the cab. It is convenient for operation and with high efficiency. Working devices can be changed: bucket, wood fork and goods fork etc.

9.High Dumping

Upgraded working device on the base of standard machine, which increases dumping height and satisfies requirements under special working condition.

CDM812D~CDM860 Comparison

MODEL	RATED PAYLOAD(T)	BUCKET CAPACITY(m³)	OPERATING WEIGHT(kg)	L×W×H(mm)	ENGINE MODEL	RATED POWER (kW·hp/rpm)	TRANSMISSION		AXLE		AC	ROPS & FOPS
							STANDARD	*OPTIONAL*	*STANDARD*	*OPTIONAL*		
CDM812D	1.2	0.5	4350	5376×1630×2600	CHANGCHAI-490B	38·(52)/2400	2F/2R	_	Dry-brake Axle	_		
CDM816D	1.6	0.95	5500	5700×1950×2930	YTO YT4A2-24	55·(75)/2400	2F/2R	_	Dry-brake Axle	_	◇	
CDM818D	1.8	1.05	5600	5700×2200×2930	YTO YT4B3-24	63·(86)/2400	2F/2R	_	Dry-brake Axle	_	◇	
CDM833	3	1.7	10760±300	7140×2500×3220	WEICHAI WP6G125E22	92·(125)/2200	3F/3R	_	Lonking Dry-brake Axle	_	◆	
CDM835	3.5	1.8	11620±300	7520×2500×3210	WP6G140E22	105·(140)/220	Lonking(3F/3R)	YD13(4F/3R)	Lonking Dry-brake Axle	_	◆	◆
CDM835	3.5	1.8	11620±300	7520×2500×3210	DF CUMMINS 6BTAA5.9-C130	97·(130)/2200	Lonking(3F/3R)	_	Lonking Dry-brake Axle	_	◆	◆
CDM835	3.5	2.3	12300±300	7720×2936×3210	CUMMINS QSB6.7-C133	99·(133)/2200	YD13(4F/3R)		YUNYU Wet- brake Axle		◆	◆
CDM835ETG	2.2	3.5	12320±300	8060×3136×3260	WP6G140E22	105·(140)/220	YD13(4F/3R)		Lonking Dry-brake Axle	_	◆	◆
CDM843	4	2.3	12650±300	7270×2800×3320	WEICHAI WP6G175E22	129·(175)/2200	Lonking(2F/1R)	_	Lonking Dry-brake Axle	_	◆	
CDM853	5	2.7/3.0	15950±300	7670×3000×3480	WEICHAI WD10G220E21	162·(220)/2200	Lonking(2F/1R)	_	Lonking Dry-brake Axle	_	◆	
CDM856	5	3	17300±300	8050×3034×3530	WEICHAI WD10G220E21	162·(220)/2200	Lonking(2F/1R)	ZF 4WG200	Lonking Dry-brake Axle	ZF Wet- brake Axle	◆	◆
CDM856	5	3	17300±300	8050×3034×3530	DF CUMMINS 6CTAA8.3-C215	160·(215)/2200	Lonking(2F/1R)	ZF 4WG200	Lonking Dry-brake Axle	ZF Wet- brake Axle	◆	◆
CDM856	5	3	17300±300	8050×3034×3530	SDEC SC11CB220G2B1	162·(220)/2200	Lonking(2F/1R)	_	Lonking Dry-brake Axle	_	◆	◆
CDM856	5	3	17300±300	8200×3010×3370	WEICHAI WP10G220E331	162·(220)/2200	ZF 4WG200	_	Lonking Dry-brake Axle	_	◆	◆
CDM856ETG	3.2	4.6	18700±300	9440×3100×3450	WEICHAI WP10G220E21	162·(220)/2200	ZF 4WG200	_	Lonking Dry-brake Axle	_	◆	◆
CDM858	5	3	17500±300	8150×3010×3375	CUMMINS QSB6.7-C220	164·(220)/2200	ZF 4WG200	_	ZF Wet- brake Axle	_	◆	◆
CDM860	6	3.5	20850±300	8610×3050×3430	WEICHAI WD10G240E21	175·(240)/2200	Lonking(4F/4R)	ZF 4WG200	Lonking Dry-brake Axle	_	◆	◆
CDM860	6	3.5	20850±300	8610×3050×3600	SDEC SC1CB240	175·(240)/2200	Lonking(4F/4R)	_	Lonking Dry-brake Axle	_	◆	

REMARK: “ ◆ ”Standard, “ ◆ ” Not Configured.

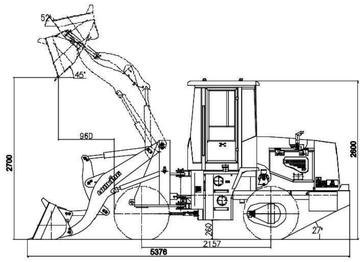
CDM812D

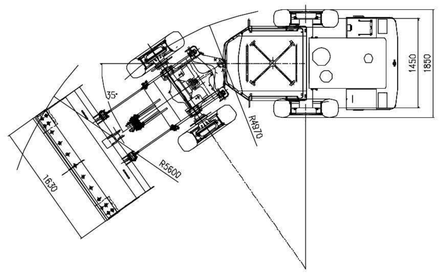
WHEEL LOADER

- RATED POWER: 38kW/2400rpm
- BUCKET CAPACITY: 0.5m^3
- RATED PAYLOAD: 1200kg
- OPERATING WEIGHT: 4350kg

Features:

- **Equipped with CHANGCHAI engine, powerful, high working efficiency and reliability.**
- **Hydraulic transmission, strong traction.**
- **Transmission system without rigid connection, well buffer performance, avoiding the faults result from rigid impact of components such as axle and transmission.**
- **New appearance, wide view.**
- **Small size suitable for operation in narrow area.**
- **Equipped with triple pipelines as optional to meet the modified requirements of customers.**





OVERALL DATE	
Bucket Capacity (m^3)	0.5
Rated Payload (kg)	1200
Operating Weight (kg)	4350
Traction Force (kN)	31
Breakout Force (kN)	36
L×W×H（mm）	5376×1630×2600

Travel Speeds (km/h)

	I	II
Forward	8.3	20.8
Reverse	8.3	20.8

ENGINE	CHANGCHAI-490B
Rated Power (kW·hp)/rpm)	38·(52)/2400
Rated Torque (Nm/rpm)	173/1800
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	11.00-16

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

STEERING SYSTEM	
Type	Hydraulic Load Sensor System
Cylinders-bore x Stroke (mm)	2-63×280
Steering Pump	Shared With Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore x Stroke (mm)	2-80×610
Tilt Cylinder-bore x Stroke(mm)	1-100×450
Working Pump	Gear Pump
Flow Rate (L/min/rpm)	120/2400
System Pressure (MPa)	16

Hydraulic Cycle Time, Rated Load in Bucket (InSecond)

Raise (Loaded)	Dump	Lower (Empty)	Total
4.5	1.2	2.2	7.9

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)	16
Front Axle (L) / Rear Axle (L)	8/8

STANDARD	OPTIONAL
Hydraulic Transmission	Light-duty Grapple（ZZ）
Dry Brake Drive Axle	
Standard Bucket	
Mechanical Flexible Shaft Control	

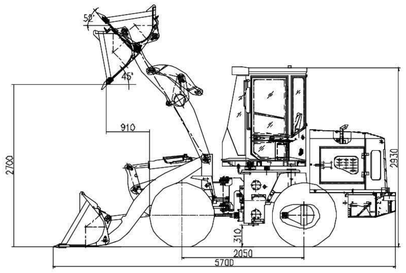
CDM816D

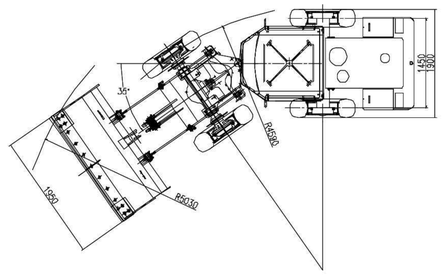
WHEEL LOADER

- RATED POWER: 55kW/2400rpm
- BUCKET CAPACITY: 0.95 m^3
- RATED PAYLOAD: 1600kg
- OPERATING WEIGHT: 5500kg

Features:

- Equipped with YTO 55kw diesel engine, powerful, energy saving and environment friendly.
- Hydraulic transmission and torque converter making power transmission more reliable, operation more flexible.
- Full hydraulic steering making operation more flexible, convenient and reliable.
- Equipped with pilot control and A/C as optional.
- Implement with computer optimization design, high strength and well reliability.
- Bucket with the special function of automatic leveling, shorten working hours, increase working efficiency and reduce fault rate.
- Easy and convenient to replace quick change device, various optional attachments.
- New appearance, beautiful and elegant.
- Hood with the design of aerodynamics making the radiating condition of engine at its best, open it from the side, convenient to maintain and repair.





OVERALL DATA	
Bucket Capacity (m^3)	0.95
Rated Payload (kg)	1600
Operating Weight (kg)	5500
Traction Force (kN)	50
Breakout Force (kN)	52
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

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%)

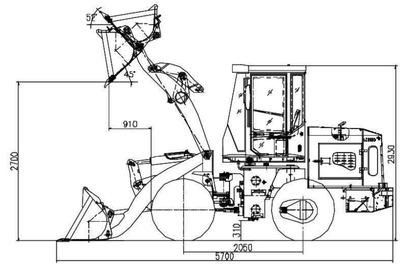
STANDARD	OPTIONAL	
Hydraulic Transmission	Log Grapple (J)	Fork
Dry Brake Drive Axle	Light-duty Grapple (ZZ)	Enlarged Bucket（N）
Standard Bucket	High Dumping(G)	Air Conditioner
Mechanical Flexible Shaft Control	Quick Connector (H)	Pilot Control

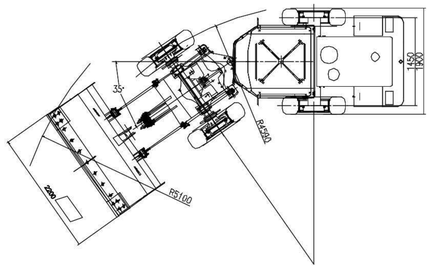
CDM818D
WHEEL LOADER

- RATED POWER: 63kW/2400rpm
- BUCKET CAPACITY: 1.05 m^3
- RATED PAYLOAD: 1800kg
- OPERATING WEIGHT: 5600kg

Features:

- YTO 63kW diesel engine, powerful, energy saving and environment friendly.
- Hydraulic transmission and torque converter making power transmission more reliable, operation more flexible.
- Full hydraulic steering making operation more flexible, convenient and reliable.
- Equipped with A/C as optional.
- Implement with computer optimization design, high strength and well reliability.
- Bucket with the special function of automatic leveling, shorten working hours, increase working efficiency and reduce fault rate.
- Easy and convenient to replace quick change device, various optional attachments, multiple optional functions.
- New appearance, beautiful and elegant.
- New seal cab making operating environment more comfortable.





OVERALL DATA	
Bucket Capacity (m^3)	1.05
Rated Payload (kg)	1800
Operating Weight (kg)	5600
Traction Force (kN)	53
Breakout Force (kN)	52
L×W×H（mm）	5700×2200×2930

Travel Speeds (km/h)

	I	II
Forward	8	21
Reverse	8	21

ENGINE	YTO YT4B3-24
Rated Power (kW • hp)/rpm)	63 •（86）/2400
Rated Torque (Nm/rpm)	275/1680-1800
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

STEERING SYSTEM	
Type	Hydraulic Load Sensor System
Cylinders-bore x Stroke (mm)	2-63×280
Steering Pump	Shared With Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore x Stroke (mm)	2-90×589
Tilt Cylinder-bore x Stroke(mm)	1-100×387
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%)

STANDARD	OPTIONAL	
Hydraulic Transmission	Log Grapple (J)	Fork
Dry Brake Drive Axle	Light-duty Grapple (ZZ)	Enlarged Bucket（N）
Standard Bucket	High Dumping(G)	Air Conditioner
Mechanical Flexible Shaft Control	Quick Connector (H)	

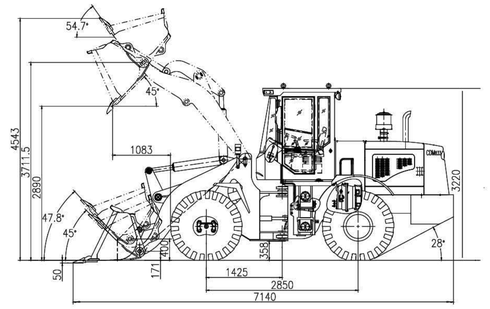
CDM833

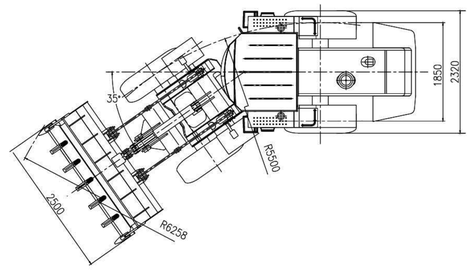
WHEEL LOADER

- RATED POWER: 92kW/2200rpm
- BUCKET CAPACITY: 1.7 m^3
- RATED PAYLOAD: 3000kg
- OPERATING WEIGHT: 10760kg

Features:

- Weichai Deutz WP6G125E22 engine brings great power with low fuel-consumption.
- Lonking self-made radiator as standard with great radiating efficiency which has been tested by the practical condition，Enlarged fin-distance radiator as optional choice.
- CDM833 can select machinery flexible control or pilot control.
- New-type fuel tank with 200L capacity can increase the working time.
- CDM833 is standard equipped with detachable cab, Which is very convenient for container delivering.
- Efficient and healthy air conditioner.
- Enough space for operation and maintenance.
- Select many kinds of optional working devices.





OVERALL DATA	
Bucket Capacity (m^3)	1.7
Rated Payload(kg)	3000
Operating Weight(kg)	10760±300
Traction Force(kN)	97±3
Breakout Force(kN)	100±3
L×W×H(mm)	7140×2500×3220

Travel Speeds (km/h)

	I	II	III
Forward	6.5	12.0	32.0
Reverse	6.8	12.5	33.5

ENGINE	WEICHAI WP6G125E22
Rated Power(kW·hp/rpm)	92·（125）/2200
Peak Torque(Nm/rpm)	500/1400-1600
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.45
Transmission	Countershaft Powershift Transmission
Gear	3F/3R
Pressure of Transmission(MPa)	1.2~1.5
Main Reducer	Spiral bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	17.5-25 L-3 12PR TT
BRAKE SYSTEM	
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.78
Parking Brake	Flexible Shaft Controlled Caliper
Emergency Brake	Flexible Shaft Controlled Caliper

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	14
Flow Rate(L/min/rpm)	88/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-125×784
Tilt Cylinder-bore×Stroke(mm)	1-140×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	176/2200
System Pressure(MPa)	16
Pilot Control System Pressure (MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
5.5	1.3	3.7	10.5

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	105
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	200
Hydraulic Tank(L)	173
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5
AC SYSTEM	
Heating Capacity(W)	5000 (±10%)
Cooling Capacity(W)	4200 (±10%)

STANDARD	OPTIONAL	
WHEICHAI Engine(Nation Ⅱ)	Enlarged Fin-distance Radiator	Fork
Lonking Transmission	Coal Bucket (M) -2.5m³	Quick Connector (H)
Lonking Axle	Enlarged Bucket（N）-2.3m³	High Dumping Coal Bucket (T)-2.5m³
Mechanical Flexible Shaft Control	High Dumping(G)	Snow Blade
Standard Bucket(1.7m³)	Wood Fork(J)	Radial Tire TT/TL
Air Conditioner	Quick-Change 4 in 1 Bucket-1.5m³	Pilot Control

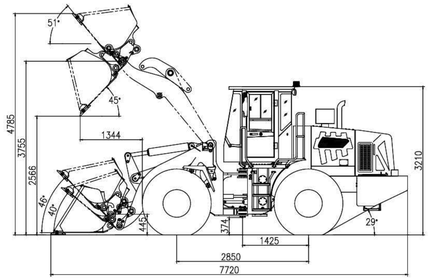
CDM835

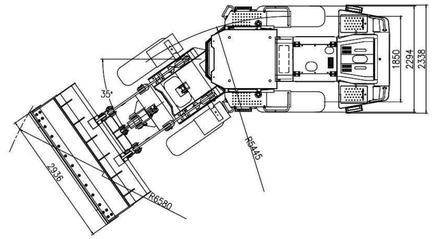
WHEEL LOADER

- RATED POWER: 92kW/2200rpm
- BUCKET CAPACITY: 2.3 m^3
- RATED PAYLOAD: 3000kg
- OPERATING WEIGHT: 12300kg

Features:

- **Original USA Cummins QSB6.7-C133 engine --Euro Ⅲ A/EPA Ⅲ brings great power with low fuel-consumption.**
- **Electronic-controlled power shift transmission shows easier operation & better efficiency.**
- **KD key: When load is high , The Operator only need to press KD key to shift from second gear to first gear,Which raise the efficiency and shorten the working time.**
- **Wet-axle with good reliability can adapt to various working environments.**
- **Spacious cabin with ROPS&FOPS makes operation convenient and safe.**
- **Efficient and healthy air conditioner.**
- **Enough space for operation and maintenance.**
- **Select many kinds of optional working devices.**





OVERALL DATA				
Bucket Capacity (m^3)				2.3
Rated Payload(kg)				3000
Operating Weight(kg)				12300±300
Traction Force(kN)				97±3
Breakout Force(kN)				97±3
L×W×H(mm)				7720×2936×3210
Travel Speeds (km/h)				
	I	II	III	IV
Forward	7.0	12.0	28.0	38.0
Reverse	7.0	12.0	28.0	

ENGINE	CUMMINS QSB6.7-C133
Rated Power(kW • hp/rpm)	99 • (133)/2200
Peak Torque(Nm/rpm)	560/1500
Starting Voltage(V)	24

DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.2
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.5~1.7
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	20.5-25 E/L-3 16PR TT

BRAKE SYSTEM	
Service Brake	Full Hydraulic Wet-discs Brake
Setting Pressure (MPa)	5.3-5.7
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	14
Flow Rate(L/min/rpm)	246/2200
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-125×784
Tilt Cylinder-bore×Stroke(mm)	1-140×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	246/2200
System Pressure(MPa)	16
Pilot Control System Pressure (MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket (In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
5.5	1.3	3.7	10.5

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24

SERVICE REFILL CAPACITY	
Fuel Tank(L)	200
Hydraulic Tank(L)	173
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5

AC SYSTEM	
Heating Capacity(W)	5000 (±10%)
Cooling Capacity(W)	4200 (±10%)

STANDARD	OPTIONAL	
Cummins Engine • Euro ⅢA	Coal Bucket (M) -2.5m^3	Radial Tire TT/TL
YD-13 Transmission (4F/3R) • KD key	Standard Bucket -1.8m^3	17.5-25 Tire
Full Hydraulic Wet-brake Axle	High Dumping(G)	Sliding Windows of Cab
Pilot Control	Side Dump Bucket(C) -1.35m^3	Electric Heating Rear Window
Quick-change Enlarged Bucket(N) -2.3m^3	Snow Blade (X)	Lockable Oil Tank Cap
ROPS&FOPS Cabin	Wood Fork (J)	Adjustable Steering
Air Conditioner	4 in 1 Bucket -1.5m^3	
Triple Pipe	Fork	

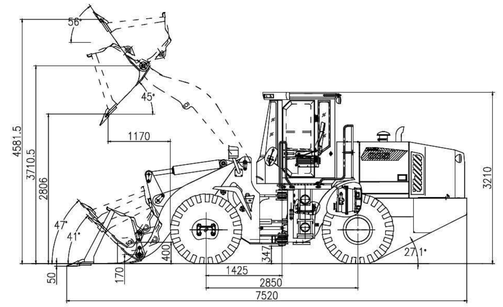
CDM835

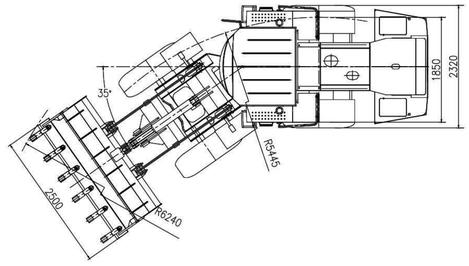
WHEEL LOADER

- RATED POWER: 105kW/2200rpm\97kW/2200rpm
- BUCKET CAPACITY: 1.8 m^3
- RATED PAYLOAD: 3500kg
- OPERATING WEIGHT: 11620kg

Features:

- Adopt worldwide top Weichai Deutz or DF Cummins engine ,Which provide strong power,high working efficiency and reliability.
- DF Cummins engine measures up to Euro Ⅱ emission standard.
- Configure transmissions and axles designed and produced by Lonking proprietary technologies with high reliability and strong heavy-load adaptive ability.
- Full hydraulic power steering system with flow load-sensing, Single joystick controlling single pump shunt working hydraulic system, Together with boom lifting limitation & bucket auto-balancing function.
- Spacious ROPS&FOPS cabin.
- Efficient and healthy air conditioner
- Electronic-controlled power shift transmission.
- KD key:When load is high , The Operator only need to press KD key to shift from second gear to first gear,Which raise the efficiency and shorten the working time.
- Enough space for operation and maintenance.
- Select many kinds of optional working devices.





OVERALL DATA	
Bucket Capacity (m^3)	1.8
Rated Payload(kg)	3500
Operating Weight(kg)	11620±300
Traction Force(kN)	106±3
Breakout Force(kN)	103±3
L×W×H(mm)	7520×2500×3210

Travel Speeds (km/h)

	I	II	III
Forward	6.5	12.0	32.0
Reverse	6.8	12.5	33.5

ENGINE	WP6G140E22\ DF CUMMINS 6BTAA5.9-C130
Rated Power(kW·hp/rpm)	105·(140)/2200 \97·(130)/2200
Peak Torque(Nm/rpm)	560/1400-1600\580/1400
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.2
Transmission	Countershaft Powershift Transmission
Gear	3F/3R
Pressure of Transmission(MPa)	1.1~1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	17.5-25 L-3 12PR TT
BRAKE SYSTEM	
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.7-0.78
Parking Brake	Flexible Shaft Controlled Caliper
Emergency Brake	Flexible Shaft Controlled Caliper

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	88/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-125×784
Tilt Cylinder-bore×Stroke(mm)	1-140×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	246/2200
System Pressure(MPa)	16
Pilot Control System Pressure (MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
5.5	1.3	3.7	10.5

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	105
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	200
Hydraulic Tank(L)	173
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5
AC SYSTEM	
Heating Capacity(W)	5000 (±10%)
Cooling Capacity(W)	4200 (±10%)

STANDARD	OPTIONAL	
WEICHAI(Nation Ⅱ)/DF Cummins(Euro Ⅱ)	Coal Bucket (M) -2.5m^3	Side Dump Bucket-1.35m^3
Lonking Transmission -KD Key	Enlarged Bucket（N）-2.3m^3	High Dumping Coal Bucket (T)-2.5m^3
Electronically Controlled Shift	High Dumping(G)	Snow Blade
Lonking Axle	Wood Fork(J)	Radial Tire TT/TL
Pilot Control	4 in 1 Bucket-1.5m^3	Sliding Windows of Cab
Standard Bucket-1.8m^3	Fork	Adjustable Steering
Air Conditioner	Quick Connector (H)	Lockable Oil Tank Cap
ROPS&FOPS Cabin		

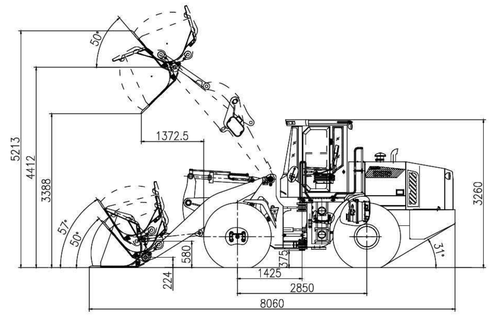
CDM835

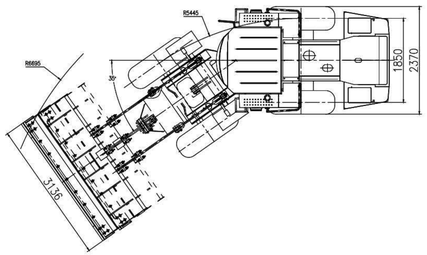
WHEEL LOADER

- RATED POWER: 105kW/2200rpm
- BUCKET CAPACITY: 3.5 m^3
- RATED PAYLOAD: 2200kg
- OPERATING WEIGHT: 12320kg

Features:

- With super high dumping and large capacity, It is a special model for light material such as grain.
- Adopt worldwide top Weichai Deutz engine ,Which provide strong power,High working efficiency and reliability.
- Enlarged fin-distance radiator.
- Standard with oil-bath air filter.
- Standard with YD-13 electronic-controlled power shift transmission.
- KD key: When load is high , The operator only need to press KD key to shift from second gear to first gear,Which raise the efficiency and shorten the working time.
- Full hydraulic power steering system with flow load-sensing, Single joystick controlling single pump shunt working hydraulic system, Together with boom lifting limitation & bucket auto-balancing function.
- Spacious ROPS&FOPS cabin.
- Efficient and healthy air conditioner.





OVERALL DATA	
Bucket Capacity (m^3)	3.5
Rated Payload(kg)	2200
Operating Weight(kg)	12320±300
Traction Force(kN)	97±3
Breakout Force(kN)	95±3
L×W×H(mm)	8060×3136×3260

Travel Speeds (km/h)

	I	II	III	IV
Forward	6.5	11	26.5	41
Reverse	6.5	11	26.5	

ENGINE	WEICHAI WP6G140E22
Rated Power(kW/rpm)	105.（140）/2200
Peak Torque(Nm/rpm)	560/1400-1600
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.2
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.1-1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	20.5-25 L-3 16PR TT
BRAKE SYSTEM	
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.7-0.78
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-125×784
Tilt Cylinder-bore×Stroke(mm)	1-140×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	246/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	120
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	200
Hydraulic Tank(L)	173
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5
AC SYSTEM	
Heating Capacity(W)	5000 (±10%)
Cooling Capacity(W)	4200 (±10%)

STANDARD		OPTIONAL
WP6G140E22 Engine	Enlarged Bucket-3.5m³	Coal Bucket (M) -2.5m³
Oil-bath Air Filter	Extended Boom	Enlarged Bucket(N) -2.3m³
YD-13 Electronic-controlled Power Shift	Pilot Control	Lonking Electronic-controlled power shift
Transmission	ROPS/FOPS Cabin	transmission
Lonking Axle	Air Conditioner	Lockable Oil Tank Cap
Enlarged Fin-distance Radiator	Sliding Windows of Cab	Adjustable Steering

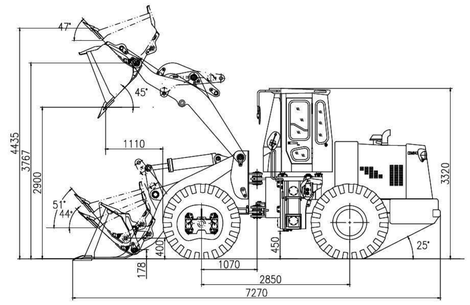
CDM843

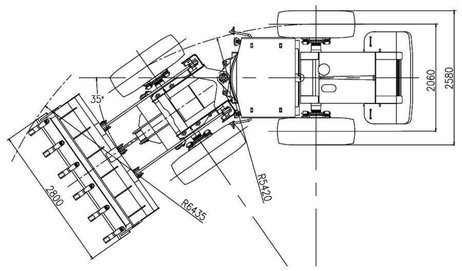
WHEEL LOADER

- RATED POWER: 129kW/2200rpm
- BUCKET CAPACITY: 2.3m^3
- RATED PAYLOAD: 4000kg
- OPERATING WEIGHT: 13000kg

Features:

- **Powerful Weichai engine.**
- **Configure transmission and axles designed and produced by Lonking proprietary technologies with high reliability and strong heavy-load adaptive ability.**
- **Pilot control .**
- **Hydraulic load sensing control system.**
- **Centering arranged long wheelbase, Large-span articulated design,Heavy-load adaptive ability is greatly improved.**
- **Enough space for operation and maintenance.**
- **Efficient and healthy air conditioner.**





OVERALL DATA	
Bucket Capacity (m^3)	2.3
Rated Payload(kg)	4000
Operating Weight(kg)	12650±300
Traction Force(kN)	120±3
Breakout Force(kN)	115±3
L×W×H(mm)	7270×2800×3320

Travel Speeds (km/h)

	I	II
Forward	11.5	36.0
Reverse	16.0	

ENGINE	WEICHAI WP6G175E22
Rated Power(kW • hp/rpm)	129 • (175)/2200
Peak Torque(Nm/rpm)	680/1400-1600
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Duo-turbine, 4-element
Torque Ratio	4.0
Transmission	Planetary Powershift Transmission
Gear	2F/1R
Pressure of Transmission(MPa)	1.2~1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	20.5-25 L-3 16PR TT
BRAKE SYSTEM	
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.78
Parking Brake	Flexible Shaft Controlled Caliper
Emergency Brake	Flexible Shaft Controlled Caliper

STANDARD	OPTIONAL
WEICHAI Engine	Enlarged Bucket(N) -2.5m³
Lonking Transmission	Side Dump Bucket(C)
Lonking Axle	
Pilot Control	
Standard Bucket-2.3m³	
Air Conditioner	

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-90×340
Steering Pump	Gear Pump
System Pressure(MPa)	16
Flow Rate(L/min/rpm)	138/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-125×769
Tilt Cylinder-bore×Stroke(mm)	1-160×495
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	110/2200
System Pressure(MPa)	16
Pilot Control System Pressure (MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.2	4.3	11.5

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	120
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	240
Hydraulic Tank(L)	240
Crankshaft(L)	17
Transmission(L)	45
Front Axle(L) /Rear Axle(L)	23/23
AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

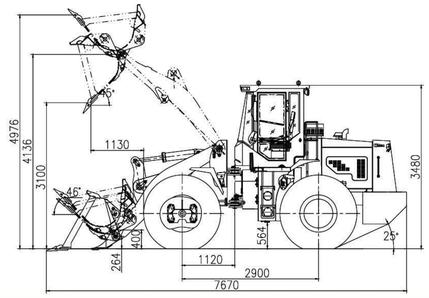
CDM853

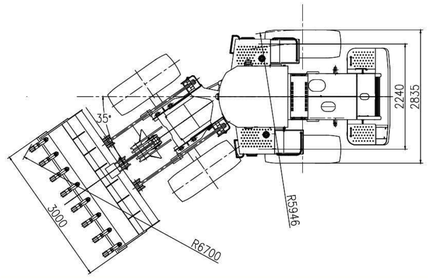
WHEEL LOADER

- RATED POWER: 162kW/2200rpm
- BUCKET CAPACITY: 3.0m^3
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 15950kg

Features:

- **Standard equipped with high-powered WD10G220E21 engine.**
- **Effective homemade torque converter, Transmission and drive axle that perfect matched with the engine.**
- **Short wheelbase lay out design, light and flexible.**
- **CDM853 can select machinery flexible control or pilot control.**
- **CDM853 Standard equipped with detachable cab, Comfortable and safe cab that conforms to ergonomics design.**
- **Rational layout of the electrical system circuit ensures high safety and longer service life.**





OVERALL DATA	
Bucket Capacity (m^3)	2.7/3.0
Rated Payload(kg)	5000
Operating Weight(kg)	15950±300
Traction Force(kN)	150±3
Breakout Force(kN)	155±3
L×W×H(mm)	7670×3000×3480

Travel Speeds (km/h)

	I	II
Forward	11.5	36.0
Reverse	16.0	

ENGINE	WEICHAI WD10G220E21
Rated Power(kW·hp/rpm)	162·(220)/2200
Peak Torque(Nm/rpm)	860/1400-1600
Starting Voltage(V)	24

DRIVE TRAIN	
Torque Converter	Single-stage, Duo-turbine, 4-element
Torque Ratio	4.0
Transmission	Planetary Powershift Transmission
Gear	2F/1R
Pressure of Transmission(MPa)	1.2~1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT

BRAKE SYSTEM	
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.78
Parking Brake	Flexible Shaft Controlled Caliper
Emergency Brake	Flexible Shaft Controlled Caliper

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-90×340
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-160×836
Tilt Cylinder-bore×Stroke(mm)	1-180×559
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(in Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.2	4.3	11.5

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	120
Lamp Voltage(V)	24

SERVICE REFILL CAPACITY	
Fuel Tank(L)	360
Hydraulic Tank(L)	360
Crankshaft(L)	20
Transmission(L)	45
Front Axle(L) /Rear Axle(L)	25/25

AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

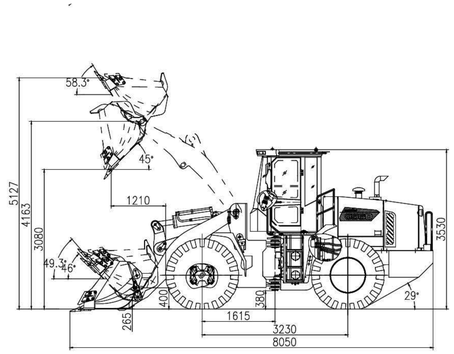
STANDARD	OPTIONAL
WEICHAI Engine	Coal Bucket (M) -4.2m³
Lonking Transmission	Pilot Control
Lonking Axle	
Standard Bucket-2.7/3m³	
Mechanical Flexible Shaft Control	
Air Conditioner	

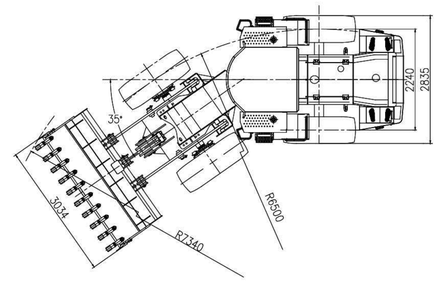
CDM856
Main Specifications

Features:

- **Adopt worldwide top Weichai、SDEC or DF Cummins engine ,Which provide strong power,high working efficiency and reliability.**
- **Standard equipped with Lonking transmission with two forward speed & one reverse and dry drive axles，Electro-hydraulic ZF transmission as optional choice.**
- **Centering arranged long wheelbase，Large-span articulated design,Heavy-load adaptive ability is greatly improved.**
- **Pilot control.**
- **Full hydraulic power steering system with flow load-sensing，Single joystick controlling single pump shunt working hydraulic system，Together with boom lifting limitation & bucket auto-balancing function.**
- **Dual pipeline brake system can effectively avoid brake system failing caused by part fault，Braking is more reliable.**
- **Standard equipped with ROPS/FOPS cabin，The cabin measuring up to ergonomics is comfortable and safe.**
- **Efficient and healthy air conditioner.**
- **Enough space for operation and maintenance.**
- **Select many kinds of optional working devices.**

CDM856
Overall Specifications



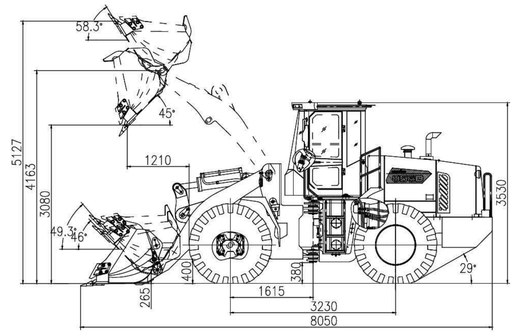


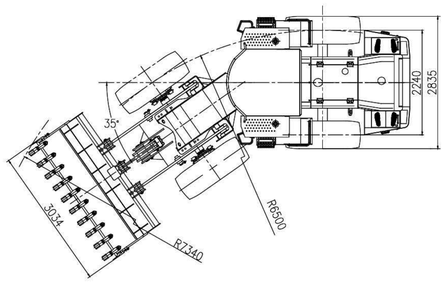
OVERALL DATA				
Bucket Capacity (m^3)				3.0
Rated Payload(kg)				5000
Operating Weight(kg)				17300±300
Traction Force(kN)				160±3
Breakout Force(kN)				170±3
L×W×H(mm)				8050×3034×3530
Travel Speeds (km/h)				
	I	II	III	IV
Forward	6.8	13.0	23.0	36.0
Reverse	6.8	13.0	23.0	
ENGINE				**DF CUMMINS 6CTAA8.3-C215**
Rated Power(kW·hp/rpm)				160·(215)/2200
Peak Torque(Nm/rpm)				908/1500
Starting Voltage(V)				24
DRIVE TRAIN				
Torque Converter				Single-stage, Single-turbine, 3-element
Torque Ratio				2.56
Transmission				Countershaft Powershift Transmission
Gear				4F/3R
Pressure of Transmission(MPa)				1.6-1.8
Main Reducer				Spiral Bevel, 1-stage Reduction
Final Reducer				Planetary Reduction
Tire				23.5-25 L-3 16PR TT
BRAKE SYSTEM				
Service Brake				Duo Circuit Caliper,Dry Brake
Setting Pressure (MPa)				0.70-0.78
Parking Brake				Hydraulic Actuated Drum Brake
Emergency Brake				Hydraulic Actuated Drum Brake

STEERING SYSTEM				
Type				Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)				2-100×324
Steering Pump				Gear Pump
System Pressure(MPa)				15
Flow Rate(L/min/rpm)				176/2200
Steering Angle				±35°
HYDRAULIC SYSTEM				
Lift Cylinders-bore×Stroke(mm)				2-180×721
Tilt Cylinder-bore×Stroke(mm)				1-200×563
Model of Working Pump				Gear Pump
Flow Rate(L/min/rpm)				220/2200
System Pressure(MPa)				16
Pilot Control System Pressure(MPa)				2.5
Hydraulic Cycle Time, Rated Load in Bucket(In Second)				
Raise(Loaded)	**Dump**	**Lower(Empty)**	**Total**	
6.0	**1.0**	**4.0**	**11.0**	
ELECTRICAL SYSTEM				
System Voltage(V)				24
Battery (2 in series)(Ah)				2-120
Lamp Voltage(V)				24
SERVICE REFILL CAPACITY				
Fuel Tank(L)				285
Hydraulic Tank(L)				270
Crankshaft(L)				20
Transmission(L)				50
Front Axle(L) /Rear Axle(L)				25/25
AC SYSTEM				
Heating Capacity(W)				5800 (±10%)
Cooling Capacity(W)				4500 (±10%)

STANDARD	OPTIONAL	
DF Cummins Engine	WEICHAI WD10G220E21 Engine	Wood Fork(J)
ZF Transmission 4F/3R	ZF Full Hydraulic Wet Brake Axle	4 in 1 Bucket -3m³
Lonking Axle	Coal Bucket (M) -4.2m³	Fork
Pilot Control	Enlarged Bucket(N) -3.5m³	Quick Connector (H)
Automatic Leveling	Rock Bucket (K) -3.0m³	Snow Blade (X)
Standard Bucket -3.0m³	High Dumping(G)	Radial Tire TT/TL
Air Conditioner	Side Dump Bucket (C) -2.5m³	Sliding Windows of Cab
ROP&/FOPS Cabin	Marble Fork(W)	Lockable Oil Tank Cap
	High Dumping Coal Bucket (T) -4.2m³	Adjustable Steering

CDM856
Main Specifications





OVERALL DATA	
Bucket Capacity (m^3)	3.0
Rated Payload(kg)	5000
Operating Weight(kg)	17300±300
Traction Force(kN)	155±3
Breakout Force(kN)	170±3
L×W×H(mm)	8050×3034×3530

Travel Speeds (km/h)

	I	II
Forward	11.5	36.0
Reverse	16.0	

ENGINE	WD10G220E21 \DF CUMMINS 6CTAA8.3-C215 \SDEC SC11CB220G2B1
Rated Power(kW • hp/rpm)	162 •(220) \160 •(215) \162 •（220）/2200
Peak Torque(Nm/rpm)	860/1400-1600\908/1500\844/1400
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Duo-turbine, 4-element
Torque Ratio	4.0
Transmission	Planetary Powershift Transmission
Gear	2F/1R
Pressure of Transmission(MPa)	1.2~1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT
BRAKE SYSTEM	
Service Brake	Duo Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Air Actuated Caliper Brake
Emergency Brake	Air Actuated Caliper Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×721
Tilt Cylinder-bore×Stroke(mm)	1-200×563
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

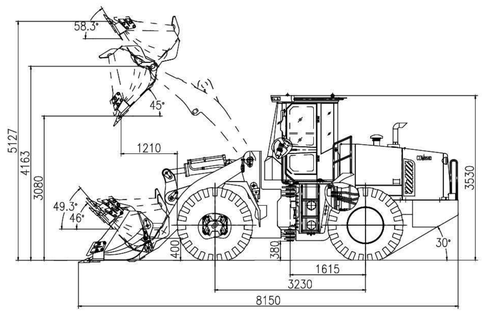
Hydraulic Cycle Time, Rated Load in Bucket(In Second)

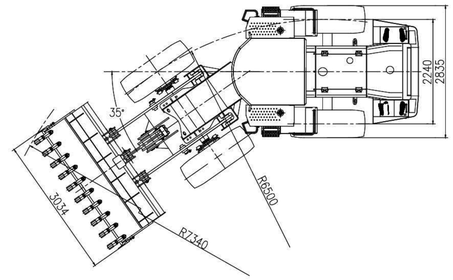
Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	45
Front Axle(L) /Rear Axle(L)	25/25
AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

STANDARD	OPTIONAL	
WEICHAI/DF Cummins/SDEC Engine	Coal Bucket (M) -4.2m^3	4 i n 1 Bucket-3m^3
Lonking Transmission\2F/1R	Enlarged Bucket(N) -3.5m^3	Fork
Lonking Axle	Rock Bucket (K)-3.0m^3	Quick Connector (H)
Automatic Leveling	High Dumping(G)	Snow Blade
Standard Bucket-3.0m^3	Side Dump Bucket (C) -2.5m^3	Radial Tire TT/TL
Pilot Control	Marble Fork(W)	Sliding Windows of Cab
Air Conditioner	High Dumping Black Gold King (T)-4.2m^3	Lockable Oil Tank Cap
ROP&/FOPS Cabin	Wood Fork(J)	Adjustable Steering

CDM856
Overall Specifications





OVERALL DATA	
Bucket Capacity (m^3)	3.0
Rated Payload(kg)	5000
Operating Weight(kg)	17300±300
Traction Force(kN)	160±3
Breakout Force(kN)	170±3
L×W×H(mm)	8150×3034×3530

Travel Speeds (km/h)

	I	II	III	IV
Forward	6.8	13.0	23.0	36.0
Reverse	6.8	13.0	23.0	

ENGINE	WP10G220E21
Rated Power(kW·hp/rpm)	162·(220)/2200
Peak Torque(Nm/rpm)	860/1400-1600
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	2.56
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.6-1.8
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT
BRAKE SYSTEM	
Service Brake	Duo Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×721
Tilt Cylinder-bore×Stroke(mm)	1-200×563
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	50
Front Axle(L) /Rear Axle(L)	25/25
AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

STANDARD	OPTIONAL	
WEICHAI Engine	DF Cummins 6CTAA8.3-C215 Engine	Wood Fork(J)
ZF Transmission 4F/3R	ZF Full Hydraulic Wet Brake Axle	4 in 1 Bucket -3m^3
Lonking Axle	Coal Bucket (M) -4.2m^3	Fork
Pilot Control	Enlarged Bucket(N) -3.5m^3	Quick Connector (H)
Automatic Leveling	Rock Bucket (K) -3.0m^3	Snow Blade (X)
Standard Bucket -3.0m^3	High Dumping(G)	Radial Tire TT/TL
Air Conditioner	Side Dump Bucket (C) -2.5m^3	Sliding Windows of Cab
ROP&/FOPS Cabin	Marble Fork(W)	Lockable Oil Tank Cap
	High Dumping Coal Bucket (T) -4.2m^3	Adjustable Steering

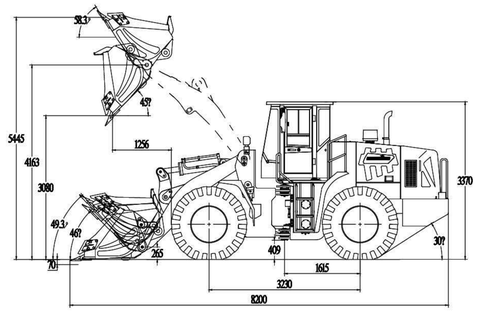
CDM856

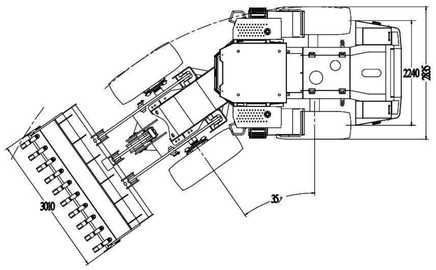
WHEEL LOADER

- RATED POWER: 162kW/2200rpm
- BUCKET CAPACITY: 3.0m^3
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 17300kg

Features:

• Adopt worldwide top Weichai nationⅢ engine ,Which provide strong power,high working efficiency and reliability.
• Standard equipped with 4F/3R Electro-hydraulic ZF transmission and Lonking dry-brake axles.
•Centering arranged long wheelbase，Large-span articulated design,Heavy-load adaptive ability is greatly improved.
• Pilot control.
• Full hydraulic power steering system with flow load-sensing，Single joystick controlling single pump shunt working hydraulic system，Together with boom lifting limitation & bucket auto-balancing function.
• Standard equipped with ROPS&FOPS new appearance cabin，The cabin measuring up to ergonomics is comfortable and safe.
• Standard equipped with ROPS/FOPS cabin，The cabin measuring up to ergonomics is comfortable and safe.
• Efficient and healthy air conditioner.
• Enough space for operation and maintenance.
• Select many kinds of optional working devices.





OVERALL DATA	
Bucket Capacity (m^3)	3.0
Rated Payload(kg)	5000
Operating Weight(kg)	17300±300
Traction Force(kN)	155±3
Breakout Force(kN)	170±3
L×W×H(mm)	8200×3010×3370

Travel Speeds (km/h)

	I	II	III	IV
Forward	6.8	13.0	23.0	36.0
Reverse	6.8	13.0	23.0	

ENGINE	WP10G220E331
Rated Power(kW·hp/rpm)	162·(220)/2200
Peak Torque(Nm/rpm)	860/1400-1600
Starting Voltage(V)	24
DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	2.5
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.6-1.8
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT
BRAKE SYSTEM	
Service Brake	Air-on-Oil,Caliper Disc Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°
HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×721
Tilt Cylinder-bore×Stroke(mm)	1-200×563
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24
SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	50
Front Axle(L) /Rear Axle(L)	25/25
AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

STANDARD	OPTIONAL	
WEICHAI Engine（National Ⅲ）	Coal Bucket (M) -4.2m³	Fork
ZF Transmission 4F/3R	Enlarged Bucket(N) -3.5m³	Quick Connector (H)
Lonking Axle	Rock Bucket (K) -3.0m³	Snow Blade (X)
Pilot Control	High Dumping(G)	Radial Tire TT/TL
Automatic Leveling	Side Dump Bucket (C) -2.5m³	Sliding Windows of Cab
Standard Bucket -3.0m³	Marble Fork(W)	Cold Start（-30℃）
Air Conditioner	High Dumping Coal Bucket (T) -4.2m³	Electric Heating Rear Window
Adjustable Steering	Wood Fork(J)	Checking Pressure Connector
ROP&/FOPS Cabin	4 in 1 Bucket -3m³	Lockable Oil Tank Cap

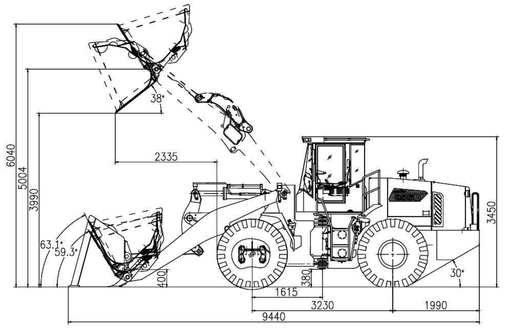
CDM856

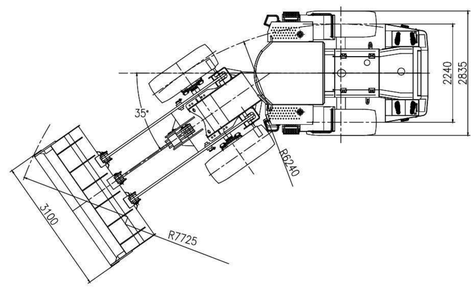
WHEEL LOADER

- RATED POWER: 162kW/2200rpm
- BUCKET CAPACITY: 4.6m^3
- RATED PAYLOAD: 3200kg
- OPERATING WEIGHT: 18700kg

Features:

- Adopt worldwide top WEICHAI engine ,Which provide strong power,high working efficiency and reliability.
- Standard equipped with 4F/3R Electro-hydraulic ZF transmission and Lonking dry-brake.
- With super high dumping and large capacity, It is a special model for light material such as grain.
- Standard with oil-bath air filter.
- Centering arranged long wheelbase, Large-span articulated design,Heavy-load adaptive ability is greatly improved.
- Pilot control.
- Full hydraulic power steering system with flow load-sensing, Single joystick controlling single pump shunt working hydraulic system, Together with boom lifting limitation & bucket auto-balancing function.
- Standard equipped with ROPS&FOPS cabin, The cabin measuring up to ergonomics is comfortable and safe.
- Efficient and healthy air conditioner.
- Enough space for operation and maintenance.





OVERALL DATA	
Bucket Capacity (m^3)	4.6
Rated Payload(kg)	3200
Operating Weight(kg)	18700±300
Traction Force(kN)	155±3
Breakout Force(kN)	150±3
L×W×H(mm)	9440×3100×3450

Travel Speeds (km/h):

	I	II	III	IV
Forward	6.8	13.0	23.0	36.0
Reverse	6.8	13.0	23.0	

ENGINE	WP10G220E21
Rated Power(kW·hp/rpm)	162·(220)/2200
Peak Torque(Nm/rpm)	860/1400-1600
Starting Voltage(V)	24

DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	2.56
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.6-1.8
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT

BRAKE SYSTEM	
Service Brake	Duo Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×604
Tilt Cylinder-bore×Stroke(mm)	1-200×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second):

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24

SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	50
Front Axle(L) /Rear Axle(L)	25/25

AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

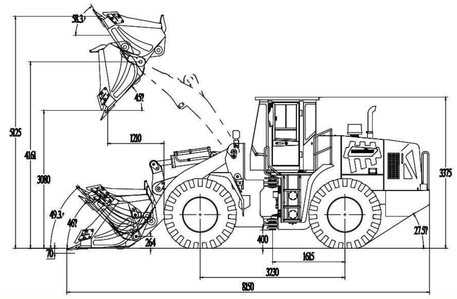
STANDARD		OPTIONAL
WEICHAI Engine	Extended Boom	Coal Bucket (M) -4.2m³
Oil-bath Air Filter	ROPS/FOPS Cabin	Enlarged Bucket(N) -3.5m³
ZF Transmission 4F/3R	Air Conditioner	Radial Tire TT/TL
Lonking Axle	Sliding Windows of Cab	Lockable Oil Tank Cap
Pilot Control		Adjustable Steering
Standard Bucket -4.6m³		

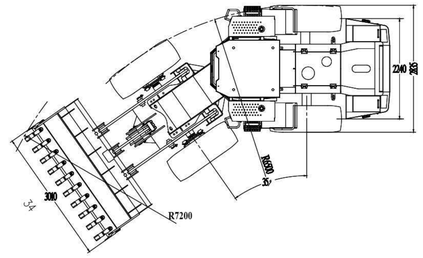
CDM858
WHEEL LOADER

- RATED POWER: 164kW/2200rpm
- BUCKET CAPACITY: 3.0m³
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 17500kg

Features:

- **Original USA Cummins QSB6.7-C220 engine --Euro ⅢA/EPA Ⅲ brings great power with low fuel-consumption.**
- **Electro-hydraulic ZF transmission with four forward speeds & three reverse and ZF wet-brake axles.**
- **KD key:When load is high, The Operator only need to press KD key to shift from second gear to first gear, Which raise the efficiency and shorten the working time.**
- **Wet multiple disc brake and full-hydraulic wet braking system.**
- **Full-hydraulic Steering, Advanced dual-pump converging technology.**
- **Centering arranged long wheelbase, Large-span articulated design,Heavy-load adaptive ability is greatly improved.**
- **Standard equipped with ROPS/FOPS cabin.**
- **Efficient and healthy air conditioner.**
- **Enough space for operation and maintenance.**
- **Select many kinds of optional working devices.**





OVERALL DATA	
Bucket Capacity (m³)	3.0
Rated Payload(kg)	5000
Operating Weight(kg)	17500±300
Traction Force(kN)	155±3
Breakout Force(kN)	170±3
L×W×H(mm)	8150×3010×3375

Travel Speeds (km/h)

	I	II	III	IV
Forward	6.8	13.0	23.0	36.0
Reverse	6.8	13.0	23.0	

ENGINE	CUMMINS QSB6.7
Rated Power(kW·hp/rpm)	164·(220)/2200
Peak Torque(Nm/rpm)	949/1500
Starting Voltage(V)	24

DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	2.56
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.6~1.8
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT

BRAKE SYSTEM	
Service Brake	Full Hydraulic Wet-discs Brake
Setting Pressure (MPa)	5±0.3
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	15
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×721
Tilt Cylinder-bore×Stroke(mm)	1-200×563
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	220/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket(In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	2-120
Lamp Voltage(V)	24

SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	50
Front Axle(L) /Rear Axle(L)	25/25

AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

STANDARD	OPTIONA	
Cummins Engine (Euro ⅢA)	Coal Bucket (M) -4.2m³	Fork
ZF Transmission 4F/3R-KD Key	Enlarged Bucket(N) -3.5m³	Quick Connector (H)
ZF Full Hydraulic Wet Brake Axle	Rock Bucket (K) -3.0m³	Snow Blade(X)
Pilot Control	High Dumping(G)	Radial Tire TT/TL
Standard Bucket -3.0m³	Side Dump Bucket (C) -2.5m³	Sliding Windows of Cab
FOPS&ROPS Cabin	High Dumping &Coal Bucket (T) -4.2m³	Electric Heating Rear Window
Air Conditioner	Wood Fork(J)	Lockable Oil Tank Cap
	4 in 1 Bucket -3m³	

CDM860
WHEEL LOADER

- RATED POWER: 175kW/2200rpm
- BUCKET CAPACITY: 3.5m³
- RATED PAYLOAD: 6000kg
- OPERATING WEIGHT: 20850kg

Features:

• Adopt Weichai "landking the second generation" engine, which is of strong power, low oil consumption, noise and failure rate. SDEC SC1CB240 as option to satisfy different market demands.

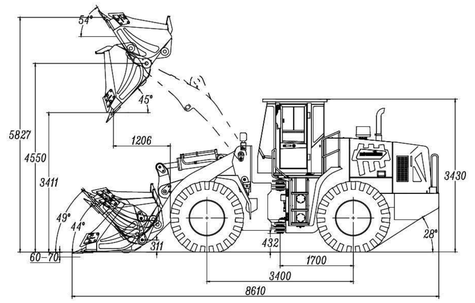
• Electro-hydraulic Lonking transmission with four forward speeds & four reverse and Lonking dry-brake axles.

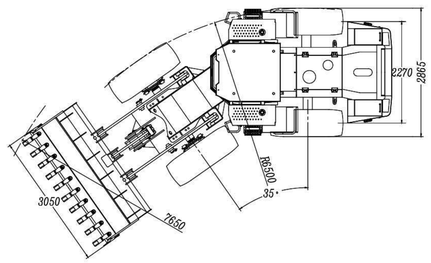
• KD key:When load is high, The Operator only need to press KD key to shift from second gear to first gear,Which raise the efficiency and shorten the working time.

• Full hydraulic power steering system with flow load-sensing, Single joystick controlling single pump shunt working hydraulic system, Together with boom lifting limitation & bucket auto-balancing function.

• Firmer and more durable frame structure.

• Efficient and healthy air conditioner.





OVERALL DATA	
Bucket Capacity (m³)	3.5
Rated Payload(kg)	6000
Operating Weight(kg)	20850±300
Traction Force(kN)	175±3
Breakout Force(kN)	200±3
L×W×H(mm)	8610×3050×3430

Travel Speeds (km/h)

	I	II	III	IV
Forward	6.7	11.7	23.8	37.5
Reverse	6.7	11.7	23.8	

ENGINE	WEICHAI WD10G240E21
Rated Power(kW • hp/rpm)	175 • (240)/2200
Peak Torque(Nm/rpm)	920/1300-1600
Starting Voltage(V)	24

DRIVE TRAIN	
Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	2.56
Transmission	Countershaft Powershift Transmission
Gear	4F/3R
Pressure of Transmission(MPa)	1.6~1.8
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 20PR TT

BRAKE SYSTEM	
Service Brake	Single-Circuit Air Drive Brake
Setting Pressure (MPa)	0.78
Parking Brake	Hydraulic Actuated Drum Brake
Emergency Brake	Hydraulic Actuated Drum Brake

STEERING SYSTEM	
Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-100×324
Steering Pump	Gear Pump
System Pressure(MPa)	16
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°

HYDRAULIC SYSTEM	
Lift Cylinders-bore×Stroke(mm)	2-180×864
Tilt Cylinder-bore×Stroke(mm)	1-200×626
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	275/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5

Hydraulic Cycle Time, Rated Load in Bucket (In Second)

Raise(Loaded)	Dump	Lower(Empty)	Total
6.3	1.2	4.3	11.8

ELECTRICAL SYSTEM	
System Voltage(V)	24
Battery (2 in series)(Ah)	120
Lamp Voltage(V)	24

SERVICE REFILL CAPACITY	
Fuel Tank(L)	285
Hydraulic Tank(L)	270
Crankshaft(L)	20
Transmission(L)	50
Front Axle(L) /Rear Axle(L)	31/31

AC SYSTEM	
Heating Capacity(W)	5800 (±10%)
Cooling Capacity(W)	4500 (±10%)

STANDARD	OPTIONA
WEICHAI Engine	Coal Bucket (M) -4.5/5.0m³
ZF Transmission	Rock Bucket (K)-3.5m³
Lonking Axle	Radial Tire TT/TL
Standard Bucket-3.5m³	Sliding Windows of Cab
Pilot Control	Electric Heating Rear Window
Air Conditioner	Lockable Oil Tank Cap
FOPS&ROPS Cabin	

Excavator

The high standard cab has improved the driver`s operational experience and made driver feel safety, luxury and humanization as well as health and environmental protection from integral to details.

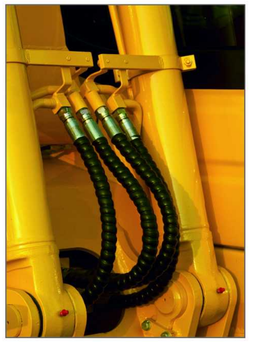
Reinforced boom

Boom cylinder

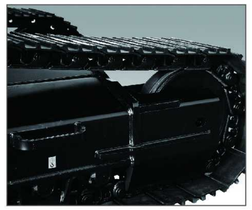
Reinforced B-shape connecting bar, arm and boom Pre-install the thread seat for the hose of hydraulic breaker(optional)

Reinforced arm

Arm rib reinforcement



Durable hoses



It adopts the unique track guide mechanism and reinforced track shoes so as to avoid the damage of collision.

CDM6065/CDM6065E
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：6050kg
- ENGINE POWER: 43.3kW (Euro II)/46.3kW (Euro IIIA)
- BUCKET CAPACITY: 0.25m³
- TRAVEL SPEED: 2.5/5.0km/h

Features:

Yanmar TNV series engine

The Yanmar four-cylinder, four-stroke , water-cooled, direct injection engine. It's powerful and fuel-efficient. Using the unique CAE technology of Yanmar, large muffler , and a new type of cooling fan , effectively reduces the noise and vibration of the machine . And optional with the engine conforming to Euro IIIA emission standard.

Advanced hydraulic system

New LUDV power balanced system and flow distribution system irrespective of loading pressure is able to fine control the actions of each group of valve core of multiple valve, and to distribute engine power as the largest proportion according to the system needs, so as to realize the best match under the variety of work conditions or working load, and resulting in the largest operation efficiency, as well as improve the excavator operational stability and reliability.

Excellent computer monitoring system

Operation parameters of the machine, such as engine speed, coolant temperature, engine oil pressure, fuel level, real-time and historical faults, may be displayed in the liquid crystal monitor.

Sturdy and durable structure

• The structure designed according to the most rigorous working conditions can effectively prolong the continuous operation duration of the machine and the service life of components, so as to ensure that the machine profit is maximized.

• This excavator provides different bucket options to meet different working demands.

Safe and comfortable cab

• The spacious and multi-functional cabin designed according to ergonomics enhances comfort for operator. • The reasonable layout of control elements inside the cabin allows easy operation.

• The hydraulic safety lock joystick is located at the outside of center left armrest box in the cab.

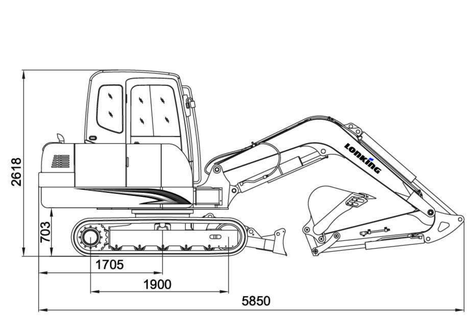
• The comfortable suspension type seat is provided with a hydraulic damper.

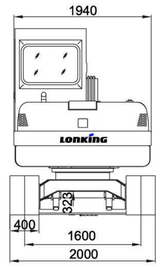
• Multi-direction A/C air outlet allowing fast regulation of cab inside temperature and fast defrosting.

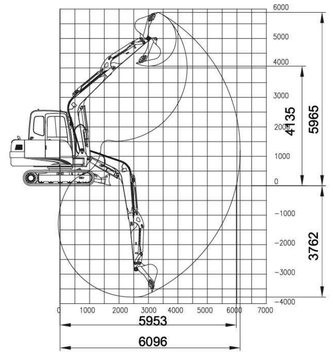
Easy maintenance and service

• The design and layout consider to providing convenience for maintenance personnel. Most maintenance locations can be accessed from the ground level to enable the fast and high efficiency maintenance. The maintenance points are clearly identified, easy to operate.

• The electrical elements are near to the outside of machine to facilitate the maintenance.







Specifications		CDM6065	CDM6065E
Operating Weight	Summary	**Operating weight: 6050kg** The operating weight includes the weight of 3000mm boom, 1550mm standard arm, 0.25m³ bucket, 400mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.	
	Ground pressure	32 kPa	
Bucket Capacity	Standard	0.25 m³	
	Option range	0.1-0.33 m³	
Engine	Model	Yanmar 4TNV94L-PLK (Euro II)	Yanmar 4TNV98-ZSLK (Euro IIIA)
	Rated power	43.3 kW(58.8 hp) /2400 rpm	46.3 kW(58.6 hp) /2200 rpm
	Max. torque	202 N.m/1200 rpm	250 N.m/1200 rpm
	Displacement	3.054 L	3.319 L
Hydraulic System	Main pump	Axial variable piston pump	
	Max. flow of system	146 L/min	156.2 L/min
	Max.pressure of Implements	24.5 MPa	
	Max. pilot pressure	3.7 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	11 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	2.5/5.0 km/h	
	Gradeability	35°(70%)	
	Max. traction	58.3 kN	
	Max. arm digging force	28 kN	
	Max. bucket digging force	40 kN	
Fluid Capacity	Fuel tank	134 L	95 L
	Hydraulic oil tank	115 L	
Undercarriage	Standard track shoes width	400 mm	
	No. of track shoes	39 (each side)	
	No. of carrier rollers	1 (each side)	
	No. of track rollers	5 (each side)	
Electrical System	System voltage	24 V	
	Battery capacity	12 V, 85 Ah	
Optional Equipments		500mm and 600mm triple grouser shoes Hydraulic hammer and pipeline Two-way auxiliary pipeline Track rubber block	

CDM6085/CDM6085E
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：8600kg
- ENGINE POWER: 57.7kW (Euro II)/56.5kW (Euro IIIA)
- BUCKET CAPACITY: 0.36m³
- TRAVEL SPEED: 2.8/4.5km/h

Features:

Strong power system

The machine is equipped with an energy-saving and environment-friendly low-noise water-cooling 4TNV98T-SFU engine, working in the place of high altitude. And the engine conforming to EuroⅢA emission standard is optional.

Advanced hydraulic system

It is equipped with a pump load independent flow distribution control system (LUDV) unrelated to the load pressure. Only a variable pump may meet all operational functions. Maximum manipulation comfortableness may be realized by power matching of the variable pump. Even in parallel operation mode, fine manipulation or manipulation unrelated to the load may be carried out for different functional elements.

Excellent computer monitoring system

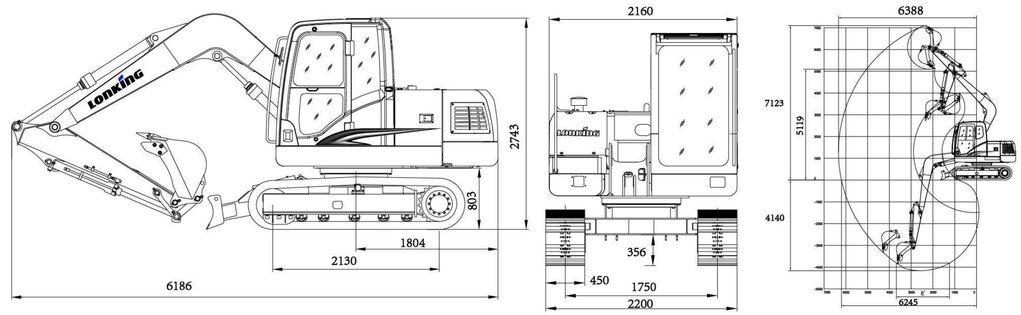
The advanced electronic control system has friendly man-machine interface. Operation parameters of the machine, such as engine speed, coolant temperature, engine oil pressure, fuel level, real-time and historical faults, can be displayed in the liquid crystal monitor.

Multi-function comfortable luxury cab environment

- **The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.**
- **The luxury suspension seat can be regulated to provide optimal comfort for driver.**
- **The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.**
- **Adopt low-noise-level engine and paste noise-absorbing sponge on the engine room wall, to reduce the impact of noise on cab and surrounding environment, so that nighttime construction can be realized.**
- **The high-power air-conditioner and multi-hole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.**

Convenient maintenance system

- **The rear hood may be opened for 90˚, ensuring all maintenance points accessible during daily inspection and maintenance. The maintenance and care points are clearly marked and easy to operate.**
- **The efficient dual-element air filter is adopted to ensure the quality of the air supply for the engine.**
- **The oil-water separator and the high-precision fuel filter may filter the fuel for multiple times, ensuring the quality of the oil supply for the engine.**
- **The hydraulic loop is equipped with high-quality hydraulic oil filter, able to guarantee the service life of the hydraulic elements, etc.**



Specifications		CDM6085	CDM6085E
Operating Weight	Summary	**Operating weight: 8600kg** The operating weight includes the weight of 3720mm boom, 1665mm standard arm, 0.36m³ bucket, 450mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.	
	Ground pressure	37 kPa	
Bucket Capacity	Standard	0.36 m³	
	Option range	0.1-0.42 m³	
Engine	Model	Yanmar 4TNV98T-SFN (Euro II)	Yanmar 4TNV98T-ZSLK (Euro IIIA)
	Rated power	57.7 kW (78.5 hp) /2200 rpm	56.5 kW (76.8 hp) /2200 rpm
	Max. torque	312 N.m/1500 rpm	312 N.m/1500 rpm
	Displacement	3.319 L	3.319 L
Hydraulic System	Main pump	Axial variable piston pump	
	Max. flow of system	74.8×2 L/min	
	Max.pressure of Implements	27.4 MPa	
	Max. pilot pressure	3.7 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	11.69 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	2.8/4.5 km/h	
	Gradeability	35°(70%)	
	Max. traction	75.2 kN	
	Max. arm digging force	38 kN	
	Max. bucket digging force	56 kN	
Fluid Capacity	Fuel tank	146 L	
	Hydraulic oil tank	120 L	
Undercarriage	Standard track shoes width	450 mm	
	No. of track shoes	38 (each side)	
	No. of carrier rollers	1 (each side)	
	No. of track rollers	5 (each side)	
Electrical System	System voltage	24 V	
	Battery capacity	12 V, 100 Ah	
Optional Equipments		500mm and 600mm triple grouser shoes Hydraulic hammer and pipeline Cab protecting nets Track rubber block	

CDM6150/CDM6150E
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT: 14000kg
- ENGINE POWER: 86kW (Euro II)/90kW (Euro IIIA)
- BUCKET CAPACITY: 0.56m³
- TRAVEL SPEED: 3.34/5.5km/h

Features:

Strong power system

The Cummins high power, high torque and turbo-charging 4-cylinder direct injection engine guarantees the high reliability and durability. The air-air inter cooler system over the compressed air can enhance the oxygen content upon combustion markedly. The center fuel injection under high injection pressure allows the uniform atomizing of fuel, guarantees the normal combustion and reduces the exhaust gas emission. And the engine conforming to Euro ⅢA emission standard is optional.

Advanced hydraulic system

• Adopt technology of dual-pump and double circuit total power control system. It is negative flow control, proportional solenoid valve power regulation and relief valve secondary pressure control.

• Adopt boom holding system and swing cushion valve control.

Excellent computer monitoring system

• Adopt the independently designed and develop MCSS electronic control system, use computer to comprehensively control the engine and hydraulic pump, so that engine can match hydraulic pump perfectly to realize optimal energy-saving.

• Set three power control modes to meet different load requirements.

• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform autodiagnosis and auto-alarm display to the fault, and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.

• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.

Multi-function comfortable luxury cab environment

• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.

• The luxury suspension seat can be regulated to provide optimal comfort for driver.

• The control box can be moved to the optimal position on the level-2 slide-way according to the condition of each driver.

• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.

• The high-power air-conditioner and multi-hole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.

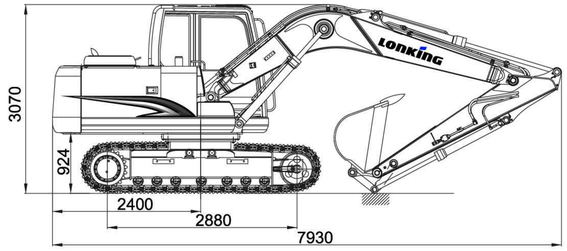
Convenient maintenance system

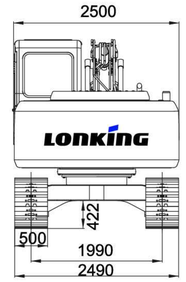
• Three side doors can be opened, so that each maintenance point can be accessible when routine inspection and maintenance are performed.

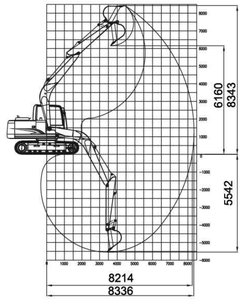
• The label of maintenance point is clear and simple, convenient for operation.

• Adopt high-efficiency and double filter element air filter, to ensure the air supply quality of engine.

• The oil water separator two-stage fuel filter can filter the fuel several times, to ensure the oil supply quality of engine.







Specifications		CDM6150	CDM6150E
Operating Weight	Summary	**Operating weight: 14000kg** The operating weight includes the weight of 4600mm boom, 2500mm standard arm, 0.56m³ bucket, 500mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.	
	Ground pressure	45 kPa	
Bucket Capacity	Standard	0.56 m³	
	Option range	0.25-0.75 m³	
Engine	Model	Cummins 4BTAA3.9-C (Euro II)	Cummins QSB4.5 (Euro IIIA)
	Rated power	86 kW (117hp) /2200 rpm	90 kW (122hp) /2000 rpm
	Max. torque	424 N.m/1600 rpm	489 N.m/1500 rpm
	Displacement	3.9 L	4.5 L
Hydraulic System	Main pump	Axial variable piston pump	
	Max. flow of system	120×2 L/min	
	Max.pressure of Implements	34.3 MPa	
	Max. pilot pressure	3.9 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	11.9 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	3.34/5.5 km/h	
	Gradeability	35°(70%)	
	Max. traction	113 kN	
	Max. arm digging force	75 kN	
	Max. bucket digging force	116 kN	
Fluid Capacity	Fuel tank	270 L	
	Hydraulic oil tank	159 L	
Undercarriage	Standard track shoes width	500 mm	
	No. of track shoes	43 (each side)	
	No. of carrier rollers	2 (each side)	
	No. of track rollers	7 (each side)	
Electrical System	System voltage	24 V	
	Battery capacity	12 V, 120 Ah×2	
Optional Equipments		600mm and 700mm triple grouser shoes Hydraulic hammer and pipeline Two-way auxiliary pipeline Track rubber block	

CDM6225
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：21800kg
- ENGINE POWER: 112kW
- BUCKET CAPACITY: 1.1m³
- TRAVEL SPEED: 3.0/5.2km/h

Features:

Strong power system

The original Cummins high power, high torque and turbo-charging 4-cylinder direct injection engine guarantees the high reliability and durability. The air-air inter cooler system over the compressed air can enhance the oxygen content upon combustion markedly. The center fuel injection under high injection pressure allows the uniform atomizing of fuel, guarantees the normal combustion and reduces the exhaust gas emission. And the engine conforming to Euro ⅢA emission standard is optional.

Advanced hydraulic system

• Adopt technology of dual-pump and double circuit total power control system. It is negative flow control, proportional solenoid valve power regulation and relief valve secondary pressure control.

• Adopt boom holding system and swing cushion valve control.

Excellent computer monitoring system

• Adopt the independently designed and develop MCSS electronic control system, use computer to comprehensively control the engine and hydraulic pump, so that engine can match hydraulic pump perfectly to realize optimal energy-saving.

• Set three power control modes to meet different load requirements.

• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform autodiagnosis and auto-alarm display to the fault, and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.

• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.

Multi-function comfortable luxury cab environment

• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.

• The luxury suspension seat can be regulated to provide optimal comfort for driver.

• The control box can be moved to the optimal position on the level-2 slide-way according to the condition of each driver.

• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.

• The high-power air-conditioner and multi-hole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.

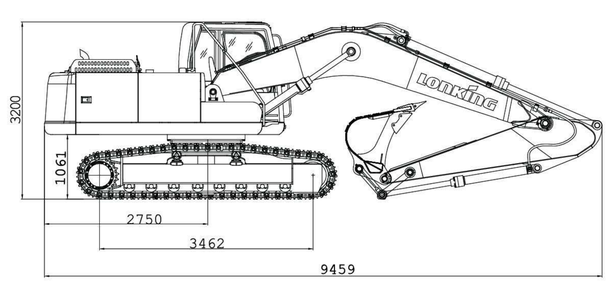
Convenient maintenance system

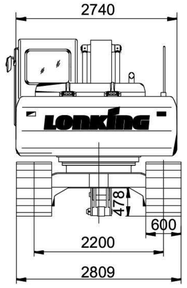
• Three side doors can be opened, so that each maintenance point can be accessible when routine inspection and maintenance are performed.

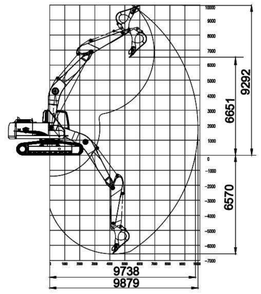
• The label of maintenance point is clear and simple, convenient for operation.

• Adopt high-efficiency and double filter element air filter, to ensure the air supply quality of engine.

• The oil water separator two-stage fuel filter can filter the fuel several times, to ensure the oil supply quality of engine.







Specifications		CDM6225
Operating Weight	Summary	**Operating weight：21800kg** The operating weight includes the weight of 5675mm boom, 2920mm standard arm, 1.1m³ bucket, 600mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.
	Ground pressure	51 kPa
Bucket Capacity	Standard	1.1 m³
	Option range	0.8-1.1 m³
Engine	Model	Cummins 6BTAA5.9-C (Euro II)
	Rated power	112kW (150hp) /1950 rpm
	Max. torque	614 N.m/1500 rpm
	Displacement	5.9 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	208×2 L/min
	Max.pressure of Implements	34.3 MPa
	Max. pilot pressure	3.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	11.6 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.33/5.54 km/h
	Gradeability	35°(70%)
	Max. traction	222 kN
	Max. arm digging force	105 kN
	Max. bucket digging force	158 kN
Fluid Capacity	Fuel tank	380 L
	Hydraulic oil tank	280 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	47 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	8 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		700mm and 800mm triple grouser shoes Hydraulic hammer and pipeline Cab protecting nets Track rubber block

CDM6240
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：22000kg
- ENGINE POWER: 133kW (Euro II)
- BUCKET CAPACITY: 1.16m³
- TRAVEL SPEED: 3.0/5.1km/h

Features:

Strong power system

• By using the super-power, high-torque, direct-injection, turbocharging Cummins 6BTAA5.9-C series engine, the machine can work in the area with a high altitude.

• The engine adopt large-sized silencers and new cooling fan, which significantly reduce the noise of the engine and reduce the materials that will impose burden on the environment.

• The water radiator, hydraulic oil cooler, and intercooler are connected in a parallel manner to guarantee the balance of water temperature and oil temperature, expand the life of the engines as well as enable easy service and maintenance.

Advanced hydraulic system

• The dual pump two-circuit total power control system adopts the mature and reliable Europe and America technology to control the flow. The proportional solenoid valve regulates the two-stage pressure control of the main overflow valve.

• This machine allows the functions of linear travel, boom/arm interflow, boom/arm holding, swing priority, slewing reverse-prevention and arm cylinder re-activation. The circuits do not interact with each other in the composite motion. During operation, the arm and bucket excavate at the same time and the boom hoisting and slewing are in parallel; during traveling, the left/right motors are independent each other.

Excellent computer monitoring system

• 3 power modes of heavy-duty power mode (H mode), saving power mode (S mode) and light-duty power mode (L mode) can switch at will to reduce the system power loss. The combination of 3 modes can reduce the fuel consumption and better meet the different working conditions.

• Fault Auto Warning: It allows the fault self-diagnosis auto warning display and fault message save up to 99,000 pieces approximately to facilitate the fault call and inquiry during the maintenance of equipment.

There are 3 levels of warning display according to the fault severity.

Multi-function, comfortable, luxurious cab environment

• Safe and Comfortable Cab: The left/right pillar type reinforced cab complies with 15012117-2: 2008 and the optional cab FOPS conforms to 15010262: 1998 to ensure the operator's safety. The 2.7m³ cab space makes the excavator operation comfortable. The reasonable layout of control elements inside the cab allows easy operation.

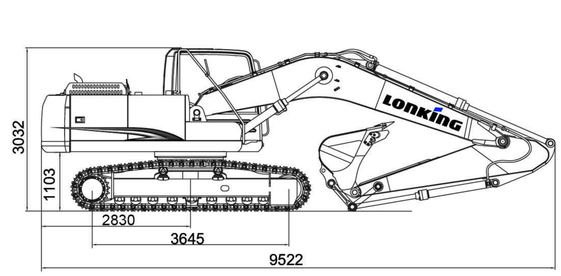
• The cab inside includes the cigar lighter, ash tray, cup holder coat hook, cubbyhole and storage rack, which enhance the operation comfort.

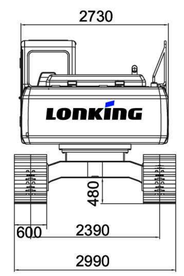
Convenient maintenance system

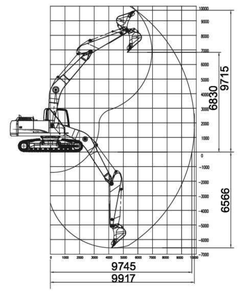
• The design and layout of CDM6240 take the maintenance demand of the maintenance staff into account. Most maintenance locations can be accessed from the ground level to enable the fast and high efficiency maintenance. 3-sides doors can be opened during the routine inspection and maintenance and each service point is within the easy reach. The electrical elements are centralized in the electromechanical control box in the cab to facilitate the maintenance.

• Centralized lubrication points: The long range lubrication points centralized on the boom will transmit the grease to the locations hard to reach.

• To maintain the radiator and condenser after opening the rear left door; the radiator is equipped with auxiliary water tank and drain pipe to enable the maintenance easy.







Specifications		CDM6240 (Standard)
Operating Weight	Summary	**Operating weight：22000kg** The operating weight includes the weight of 5700mm boom, 2900mm standard arm, 1.16m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.
	Ground pressure	45 kPa
Bucket Capacity	Standard	1.16 m³
	Option range	1.1-1.35 m³
Engine	Model	Cummins 6BTAA5.9-C (Euro II)
	Rated power	133kW (178hp) /2000 rpm
	Max. torque	708 N.m/1500 rpm
	Displacement	5.9 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	217×2 L/min
	Max. pressure of Implements	34.3 MPa
	Max. pilot pressure	4.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	12.1 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.0/5.1 km/h
	Gradeability	35°(70%)
	Max. traction	222 kN
	Max. arm digging force	107 kN
	Max. bucket digging force	147 kN
Fluid Capacity	Fuel tank	350 L
	Hydraulic oil tank	220 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	49 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	9 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		Working warning lamp and travel warning device 700mm and 800mm triple grouser shoes Hydraulic hammer and pipeline Cab protecting nets

CDM6240(Long Reach)
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：24000kg
- ENGINE POWER: 133kW (Euro II)
- BUCKET CAPACITY: 0.4m³
- TRAVEL SPEED: 3.0/5.1km/h

Features:

Strong power system

• By using the super-power, high-torque, direct-injection, turbocharging Cummins 6BTAA5.9-C series engine, the machine can work in the area with a high altitude.

• The engine adopt large-sized silencers and new cooling fan, which significantly reduce the noise of the engine and reduce the materials that will impose burden on the environment.

• The water radiator, hydraulic oil cooler, and intercooler are connected in a parallel manner to guarantee the balance of water temperature and oil temperature, expand the life of the engines as well as enable easy service and maintenance. And the engine conforming to Euro Ⅲ A emission standard is optional.

Advanced hydraulic system

• The dual pump two-circuit total power control system adopts the mature and reliable Europe and America technology to control the flow. The proportional solenoid valve regulates the two-stage pressure control of the main overflow valve.

• This machine allows the functions of linear travel, boom/arm interflow, boom/arm holding, swing priority, slewing reverse-prevention and arm cylinder re-activation. The circuits do not interact with each other in the composite motion. During operation, the arm and bucket excavate at the same time and the boom hoisting and slewing are in parallel; during traveling, the left/right motors are independent each other.

Excellent computer monitoring system

• 3 power modes of heavy-duty power mode (H mode), saving power mode (S mode) and light-duty power mode (L mode) can switch at will to reduce the system power loss. The combination of 3 modes can reduce the fuel consumption and better meet the different working conditions.

• Fault Auto Warning: It allows the fault self-diagnosis auto warning display and fault message save up to 99,000 pieces approximately to facilitate the fault call and inquiry during the maintenance of equipment.

There are 3 levels of warning display according to the fault severity.

Multi-function, comfortable, luxurious cab environment

• Safe and Comfortable Cab: The left/right pillar type reinforced cab complies with 15012117-2: 2008 and the optional cab FOPS conforms to 15010262: 1998 to ensure the operator's safety. The 2.7m³ cab space makes the excavator operation comfortable. The reasonable layout of control elements inside the cab allows easy operation.

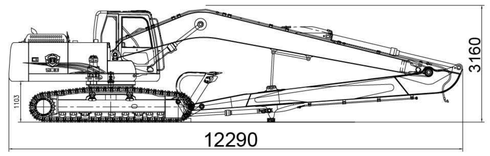
• The cab inside includes the cigar lighter, ash tray, cup holder coat hook, cubbyhole and storage rack, which enhance the operation comfort.

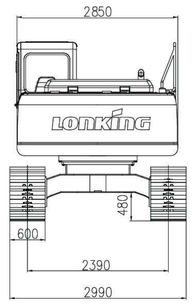
Convenient maintenance system

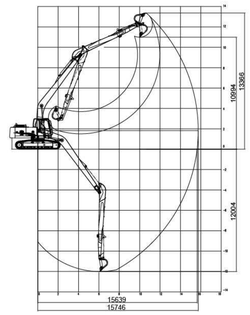
• The design and layout of CDM6240 take the maintenance demand of the maintenance staff into account. Most maintenance locations can be accessed from the ground level to enable the fast and high efficiency maintenance. 3-sides doors can be opened during the routine inspection and maintenance and each service point is within the easy reach. The electrical elements are centralized in the electromechanical control box in the cab to facilitate the maintenance.

• Centralized lubrication points: The long range lubrication points centralized on the boom will transmit the grease to the locations hard to reach.

• To maintain the radiator and condenser after opening the rear left door; the radiator is equipped with auxiliary water tank and drain pipe to enable the maintenance easy.







Specifications		CDM6240 (Long Reach)
Operating Weight	Summary	**Operating weight: 24000kg** The operating weight includes the weight of 8500mm boom, 6500mm standard arm, 0.4m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.
	Ground pressure	48 kPa
Bucket Capacity	Standard	0.4 m³
	Option range	Buckets can be customized according to actual situation.
Engine	Model	Cummins 6BTAA5.9-C (Euro II)
	Rated power	133kW (178hp) /2000 rpm
	Max. torque	708 N.m/1500 rpm
	Displacement	5.9 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	217×2 L/min
	Max. pressure of Implements	34.3 MPa
	Max. pilot pressure	4.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	7.5 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.0/5.1 km/h
	Gradeability	35°(70%)
	Max. traction	222 kN
	Max. arm digging force	55 kN
	Max. bucket digging force	90 kN
Fluid Capacity	Fuel tank	350 L
	Hydraulic oil tank	220 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	49 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	9 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		Working warning lamp and travel warning device 700mm and 800mm triple grouser shoes Cab protecting nets Long reach working device and standard device are interchangeable.

CDM6235E
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT: 22000kg
- ENGINE POWER: 145kW (Euro IIIA)
- BUCKET CAPACITY: 1.16m³
- TRAVEL SPEED: 3.0/5.1km/h

Features:

Strong power system

• By using the super-power, high-torque, direct-injection, turbocharging Cummins QSB series engine, the machine can work in the area with a high altitude.

• The engine adopt large-sized silencers and new cooling fan, which significantly reduce the noise of the engine and reduce the materials that will impose burden on the environment.

• The water radiator, hydraulic oil cooler, and intercooler are connected in a parallel manner to guarantee the balance of water temperature and oil temperature, expand the life of the engines as well as enable easy service and maintenance.

Advanced hydraulic system

• The dual pump two-circuit total power control system adopts the mature and reliable Europe and America technology to control the flow. The proportional solenoid valve regulates the two-stage pressure control of the main overflow valve.

• This machine allows the functions of linear travel, boom/arm interflow, boom/arm holding, swing priority, slewing reverse-prevention and arm cylinder re-activation. The circuits do not interact with each other in the composite motion. During operation, the arm and bucket excavate at the same time and the boom hoisting and slewing are in parallel; during traveling, the left/right motors are independent each other.

Excellent computer monitoring system

• 3 power modes of heavy-duty power mode (H mode), saving power mode (S mode) and light-duty power mode (L mode) can switch at will to reduce the system power loss. The combination of 3 modes can reduce the fuel consumption and better meet the different working conditions.

• Fault Auto Warning: It allows the fault self-diagnosis auto warning display and fault message save up to 99,000 pieces approximately to facilitate the fault call and inquiry during the maintenance of equipment.

There are 3 levels of warning display according to the fault severity.

Multi-function, comfortable, luxurious cab environment

• Safe and Comfortable Cab: The left/right pillar type reinforced cab complies with 15012117-2: 2008 and the optional cab FOPS conforms to 15010262: 1998 to ensure the operator's safety. The 2.7m³ cab space makes the excavator operation comfortable. The reasonable layout of control elements inside the cab allows easy operation.

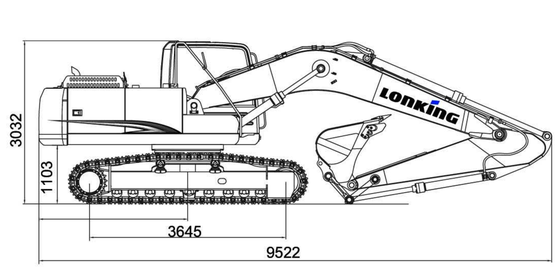
• The cab inside includes the cigar lighter, ash tray, cup holder coat hook, cubbyhole and storage rack, which enhance the operation comfort.

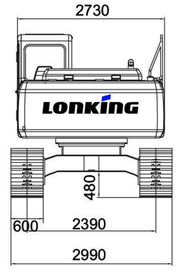
Convenient maintenance system

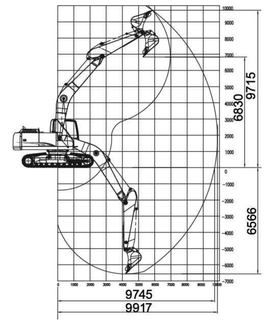
• The design and layout of CDM6235E take the maintenance demand of the maintenance staff into account. Most maintenance locations can be accessed from the ground level to enable the fast and high efficiency maintenance. 3-sides doors can be opened during the routine inspection and maintenance and each service point is within the easy reach. The electrical elements are centralized in the electromechanical control box in the cab to facilitate the maintenance.

• Centralized lubrication points: The long range lubrication points centralized on the boom will transmit the grease to the locations hard to reach.

• To maintain the radiator and condenser after opening the rear left door; the radiator is equipped with auxiliary water tank and drain pipe to enable the maintenance easy.







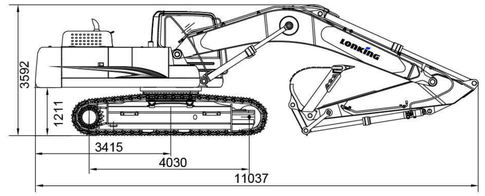
Specifications		CDM6235E
Operating Weight	Summary	**Operating weight: 22000kg** The operating weight includes the weight of 5700mm boom, 2900mm standard arm, 1.16m³ bucket, 600mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.
	Ground pressure	45 kPa
Bucket Capacity	Standard	1.16 m³
	Option range	1.1-1.35 m³
Engine	Model	Cummins QSB6.7 (Euro IIIA)
	Rated power	145 kW/2000 rpm
	Max. torque	929 N.m/1500 rpm
	Displacement	6.7 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	217×2 L/min
	Max. pressure of Implements	34.3 MPa
	Max. pilot pressure	4.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	12.1 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.0/5.1 km/h
	Gradeability	35°(70%)
	Max. traction	222 kN
	Max. arm digging force	107 kN
	Max. bucket digging force	147 kN
Fluid Capacity	Fuel tank	350 L
	Hydraulic oil tank	220 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	49 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	9 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		700mm and 800mm triple grouser shoes Hydraulic hammer and pipeline Cab protecting nets Track rubber block

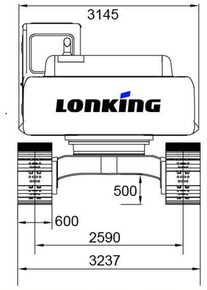
CDM6365F
HYDRAULIC EXCAVATOR

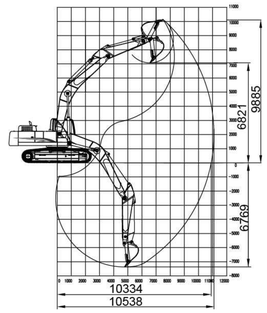
- OPERATING WEIGHT：34300kg
- ENGINE POWER: 205kW (Euro IV)
- BUCKET CAPACITY: 1.6m³
- TRAVEL SPEED: 3.25/5.43km/h

Features:

Strong power system
Adopt strong, high-torque and turbocharged direct-injected Perkins 1206F engine. The engine can meet high-altitude work requirement.And the engine conforms to Euro IV emission standard.
Advanced hydraulic system
• Adopt technology of positive flow control system or dual-pump and double-circuit total power control system.
• Using boom holding system, and slewing cushion valve to control.
Excellent computer monitoring system
• Adopt the well known international brand electronic control system, use computer to comprehensively control the engine and hydraulic pump, so that engine can match hydraulic pump perfectly to realize optimal energy-saving.
• Set three power control modes to meet different load requirements.
• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform autodiagnosis and auto-alarm display to the fault, and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.
• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.
Multi-function comfortable luxury cab environment
• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.
• The luxury suspension seat can be regulated to provide optimal comfort for driver.
• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.
• Adopt low-noise-level engine and paste noise-absorbing sponge on the engine room wall, to reduce the impact of noise on cab and surrounding environment, so that nighttime construction can be realized.
• The high-power air-conditioner and multihole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.







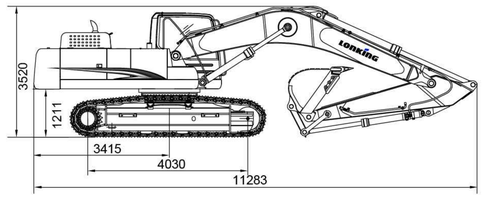
Specifications		CDM6365F (Standard)
Operating Weight	Summary	**Operating weight：34300kg** The operating weight includes the weight of 6470mm boom, 2900mm standard arm, 1.6m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.
	Ground pressure	68 kPa
Bucket Capacity	Standard	1.6 m³ (Heavy duty)
	Option range	1.6-2.2 m³
Engine	Model	Perkins 1206F-E70TTA (Euro IV)
	Rated power	205 kW (290 hp) /1950 rpm
	Max. torque	1219 N.m/1300 rpm
	Displacement	7.1 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	340×2 L/min
	Max. pressure of Implements	34.3 MPa
	Max. pilot pressure	3.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	9.5 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.25/5.43 km/h
	Gradeability	35°(70%)
	Max. traction	298 kN
	Max. arm digging force	178 kN
	Max. bucket digging force	211 kN
Fluid Capacity	Fuel tank	580 L
	Hydraulic oil tank	390 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	48 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	8 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		700mm and 800mm triple grouser shoes 5850mm boom and 2600mm arm Hydraulic hammer and pipeline Cab protecting nets

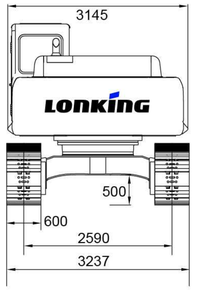
CDM6365H/CDM6365E
HYDRAULIC EXCAVATOR

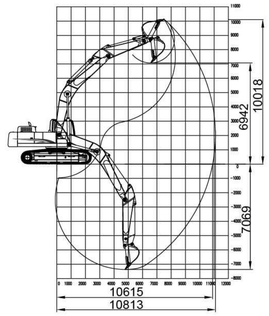
- OPERATING WEIGHT：34000kg
- ENGINE POWER: 197kW(Euro II)/216kW(Euro IIIA)
- BUCKET CAPACITY: 1.6m³
- TRAVEL SPEED: 3.25/5.43km/h

Features:

Strong power system
Adopt strong, high-torque and turbocharged direct-injected Cummins 6CTAA8.3 engine. The engine can meet high-altitude work requirement.
Advanced hydraulic system
• Adopt technology of positive flow control system or dual-pump and double-circuit total power control system.
• Using boom holding system, and slewing cushion valve to control.
Excellent computer monitoring system
• Adopt the independently designed and develop MCSS electronic control system, use computer to comprehensively control the engine and hydraulic pump, so that engine can match hydraulic pump perfectly to realize optimal energy-saving.
• Set three power control modes to meet different load requirements.
• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform autodiagnosis and auto-alarm display to the fault, and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.
• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.
Multi-function comfortable luxury cab environment
• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.
• The luxury suspension seat can be regulated to provide optimal comfort for driver.
• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.
• Adopt low-noise-level engine and paste noise-absorbing sponge on the engine room wall, to reduce the impact of noise on cab and surrounding environment, so that nighttime construction can be realized.
• The high-power air-conditioner and multihole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.







Specifications		CDM6365H (Standard)	CDM6365E
Operating Weight	Summary	**Operating weight：34000kg** The operating weight includes the weight of 6470mm boom, 2900mm standard arm, 1.6m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.	
	Ground pressure	68 kPa	
Bucket Capacity	Standard	1.6 m³ (Heavy duty)	
	Option range	1.6-2.2 m³	
Engine	Model	Cummins 6CTAA8.3-C (Euro II)	Cummins QSC8.3 (Euro IIIA)
	Rated power	197 kW (265 hp) /1950 rpm	216 kW (290 hp) /2000 rpm
	Max. torque	1219 N.m/1300 rpm	1268 N.m/1400 rpm
	Displacement	8.3 L	8.3 L
Hydraulic System	Main pump	Axial variable piston pump	
	Max. flow of system	340×2 L/min	
	Max. pressure of Implements	34.3 MPa	
	Max. pilot pressure	3.9 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	9.5 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	3.25/5.43 km/h	
	Gradeability	35°(70%)	
	Max. traction	298 kN	
	Max. arm digging force	178 kN	
	Max. bucket digging force	211 kN	
Fluid Capacity	Fuel tank	580 L	
	Hydraulic oil tank	390 L	
Undercarriage	Standard track shoes width	600 mm	
	No. of track shoes	48 (each side)	
	No. of carrier rollers	2 (each side)	
	No. of track rollers	8 (each side)	
Electrical System	System voltage	24 V	
	Battery capacity	12 V, 120 Ah×2	
Optional Equipments		700mm and 800mm triple grouser shoes 5850mm boom and 2600mm arm Hydraulic hammer and pipeline Cab protecting nets	

CDM6365H(Long Reach)
HYDRAULIC EXCAVATOR

- OPERATING WEIGHT：35000kg
- ENGINE POWER: 197kW
- BUCKET CAPACITY: 0.5m³
- TRAVEL SPEED: 3.25/5.43km/h

Features:

Strong power system

Adopt strong, high-torque and turbocharged direct-injected Cummins 6CTAA8.3 engine. The engine can meet high-altitude work requirement.

Advanced hydraulic system

• Adopt technology of positive flow control system or dual-pump and double-circuit total power control system.

• Using boom holding system, and slewing cushion valve to control. Excellent computer monitoring system

• Adopt the independently designed and develop MCSS electronic control system, use computer to comprehensively control the engine and hydraulic pump, so that engine can match hydraulic pump perfectly to realize optimal energy-saving.

• Set three power control modes to meet different load requirements.

• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform autodiagnosis and auto-alarm display to the fault, and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.

• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.

Multi-function comfortable luxury cab environment

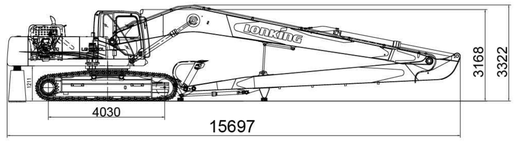
• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.

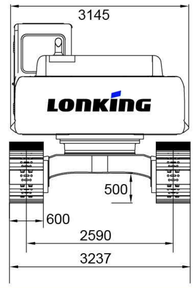
• The luxury suspension seat can be regulated to provide optimal comfort for driver.

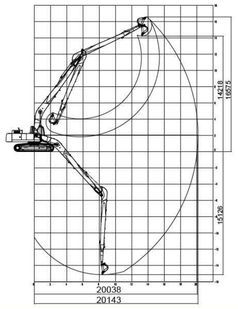
• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.

• Adopt low-noise-level engine and paste noise-absorbing sponge on the engine room wall, to reduce the impact of noise on cab and surrounding environment, so that nighttime construction can be realized.

• The high-power air-conditioner and multihole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.







Specifications		CDM6365H (Long Reach)
Operating Weight	Summary	**Operating weight：35000kg** The operating weight includes the weight of 11000mm boom, 8500mm standard arm, 0.5m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.
	Ground pressure	71 kPa
Bucket Capacity	Standard	0.5 m³
	Option range	Buckets can be customized according to actual situation.
Engine	Model	Cummins 6CTAA8.3-C (Euro II)
	Rated power	197 kW (265 hp) /1950 rpm
	Max. torque	1219 N.m/1300 rpm
	Displacement	8.3 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	340×2 L/min
	Max. pressure of Implements	34.3 MPa
	Max. pilot pressure	3.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	7.5 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.25/5.43 km/h
	Gradeability	35°(70%)
	Max. traction	298 kN
	Max. arm digging force	178 kN
	Max. bucket digging force	211 kN
Fluid Capacity	Fuel tank	580 L
	Hydraulic oil tank	390 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	48 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	8 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		Working warning lamp and travel warning device 700mm and 800mm triple grouser shoes Cab protecting nets Long reach working device and standard device are interchangeable.

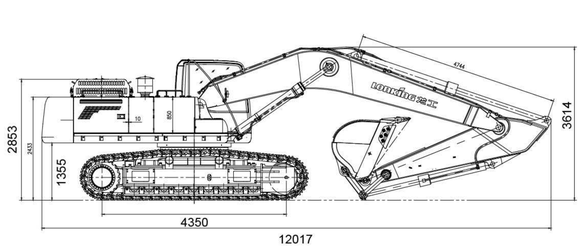
CDM6485H

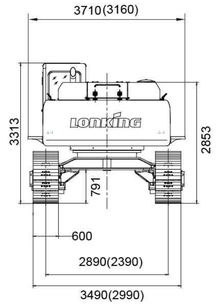
HYDRAULIC EXCAVATOR

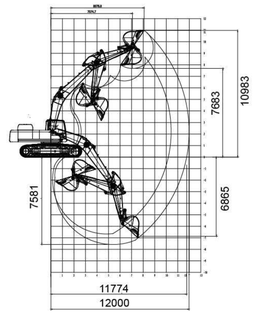
- OPERATING WEIGHT：48200kg
- ENGINE POWER: 269kW
- BUCKET CAPACITY: 2.2m³
- TRAVEL SPEED: 3.3/5.32km/h

Features:

Strong power system
Adopt the QSM11 series engine with low noise, low emission and strong power that supports the work at high altitudes and meets Phase III waste gas emission standards of Europe and America.
Advanced hydraulic system
Adopt the double-pump double-loop negative flow control system that follows technical and intelligent electric proportional control and allows the engine and hydraulic power to be always consistent, thereby improving power utilization and fuel economy.
Excellent computer monitoring system
• Set three power control modes to meet different load requirements.
• Adopt the integrated electro-mechanical hydraulic technology to realize intelligent control, this technology can perform auto-diagnosis and auto-alarm display to the fault and it can provide functions of automatic idle speed, automatic engine overheating protection, auto-prompt of maintenance information and history fault log.
• The multi-function monitor can fully monitor engine speed, coolant temperature, engine oil pressure and fuel level and so on.
• Automatic sound warning for travel.
Multi-function comfortable luxury cab environment
• The spacious and multi-function cab designed according to ergonomics enhances comfort for operator.
• The luxury suspension seat can be regulated to provide optimal comfort for driver.
• The mounting seat of cab adopts silicone oil & rubber material, it can both reduce the vibration and noise in the cab and greatly reduce the driver's fatigue, tremendously enhancing work efficiency.
• The high-power air-conditioner and multi-hole circulating system enhance the refrigeration and heating capacity, to ensure comfortable temperature in the cab.
• The cab has protective railings, so the operator is safer and more comfortable.
Convenient maintenance system
• Three side doors can be opened, so that each maintenance point can be accessible when routine inspection and maintenance are performed.
• The label of maintenance point is clear and simple, convenient for operation.
• Electrical components are all arranged in the cab and the electrical control box for easy maintenance.
• Walkways are increased on both sides of the platform, avoiding the trouble from ground maintenance and making maintenance easier.
• The engine hood is opened a small door for the part of the engine needing maintenance, so that maintenance work becomes very convenient.







Specifications		CDM6485H (Standard)
Operating Weight	Summary	**Operating weight：48200kg** The operating weight includes the weight of 7060mm boom, 3380mm standard arm, 2.2m³ bucket, 600mm track shoes, lubricating oil, coolant, the full tank and the rest standard configuration units.
	Ground pressure	83 kPa
Bucket Capacity	Standard	2.2 m³ (Heavy duty)
	Option range	2.2-2.5 m³
Engine	Model	Cummins QSM11 (Euro IIIA)
	Rated power	269 kW (360 hp) /1850 rpm
	Max. torque	1708 N.m/1400 rpm
	Displacement	11.04 L
Hydraulic System	Main pump	Axial variable piston pump
	Max. flow of system	360×2 L/min
	Max. pressure of Implements	37.2 MPa
	Max. pilot pressure	3.9 MPa
	Swing motor	Piston Type (with safety valve and closed type brake)
	Swing speed	9.1 rpm
	Travel motor	Piston Type (with safety valve and closed type brake)
	Travel speed	3.3/5.32 km/h
	Gradeability	35°(70%)
	Max. traction	382 kN
	Max. arm digging force	233 kN
	Max. bucket digging force	262 kN
Fluid Capacity	Fuel tank	655 L
	Hydraulic oil tank	480 L
Undercarriage	Standard track shoes width	600 mm
	No. of track shoes	50 (each side)
	No. of carrier rollers	2 (each side)
	No. of track rollers	9 (each side)
Electrical System	System voltage	24 V
	Battery capacity	12 V, 120 Ah×2
Optional Equipments		700mm and 800mm triple grouser shoes 6300mm boom and 2900mm arm Hydraulic hammer and pipeline Cab protecting nets

Road Roller

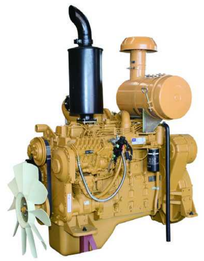
1 Famous brand part, reliable performance, wearing well

◆ Power system adopts excellent engine of famous brand, strong power, low power consumption and low noise.

◆ Gear-box: China famous manufacturer, endurable, reliable and convenient for maintenance.

◆ Hydraulic system adopts world famous original hydraulic part, high working efficiency and reliable.

◆ Drive axle: reinforced drive axle, safe and reliable, long service life, NO-SPIN function can be equipped.



2 Your expected comfort and operation: excellent ergonomics design

Operation panel provides comfortable and friendly human-machine environment, improving productivity. Convenient maintenance and extended care and maintenance period reduces time for care and maintenance to minimum, which has improved productivity of the loader. (Angle adjustable steering wheel and suspending and vibration damping chair complies with standard of operation lever of ergonomics.)

3 High productivity

Lonking road roller is provided with favorable rolling performance, extensive purposes and comfortable operation, and exerts maximum productivity under precondition of ensuring quality.

4

Most professional and strongest sense of respect to agent supporting system provides the Lonking agents and users with all-round services before, during and after sale to leave no worry for the clients during application.

5 Favorable maintainability of the equipment

Machine cover adopts manual hydraulic system opening device, with maximum opening angle of 90°; the whole engine exposes outward, more convenient for care and maintenance. Externally equipped steering oil cylinder, convenient for care and maintenance by the user.

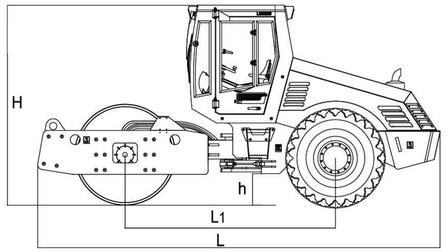
CDM512D/CDM514D/CDM518D/CDM520D

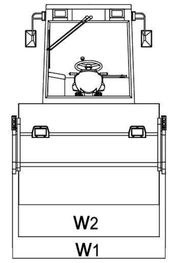
A6 SERIES SINGLE DRUM VIBRATORY ROLLERS

	512D	514D	518D	520D
OPERATING WEIGHT:	12000kg	14000kg	18000kg	20000kg
RATED POWER(kW/rpm):	112/2200	112/2200	160/2200	160/2200
STATIC LINEAR LOAD(N/cm):	303	373	490	580
MIN.TURNING RADIUS(mm):	6500/5500	7500/6500	10500/7500	12500/7500

Features:

- **DCEC Cummins supercharged diesel engine with large coefficient of reserve power and lower oil consumption.**
- **Front and rear wheel driving hydraulic system with four-speed CVT and strong gradeability.**
- **Closed-loop hydraulic vibration system with variable frequency and amplitude, optimization of linear load and exciting force.**
- **Vibratory steel drum made of high-strength material with well wear resistance and impress resistance.**
- **Engine hood is opened backward through manual operation and oil cylinder booster, large space for repair and maintenance, labor-saving.**
- **Brake system on front and rear wheels with oil cut-off device, making sure the safety of machine and operator.**
- **Equipped with A/C system as standard to make operating environment comfortable.**
- **Equipped with cam as optional, to be multipurpose.**





Model	CDM512D	CDM514D	CDM518D	CDM520D
Operating Weight(kg)	12000	14000	18000	20000
Length*Width*Height (L*W1*H) (mm)	5978×2280×3220	5978×2280×3220	6118×2300×3220	6118×2300×3220
Width of Drum (W2)(mm)	2120	2120	2120	2120
Min. Ground clearance (h)(mm)	422	422	422	422
Wheelbase (L1)(mm)	3135	3135	3189	3189
Weight Burden on Front Drum (kg)	6500	7500	10500	12500
Weight Burden on Rear Wheel(kg)	5500	6500	7500	7500
Static Linear Load(N/cm)	303	373	490	580
Min. Turning Radius(mm)	6500	6500	7000	7000
Travel Speed (km/h)	0-10.8	0-10.8	0-10.8	0-10.8
Grade ability(%)	40	40	45	45
Vibration Frequency(Hz)	30/36	30/36	28/35	28/35
Nominal Amplitude(mm)	1.8/0.9	1.8/0.9	2.1/1.0	2.1/1.0
Centrifugal Force(kN)	270/180	290/200	370/280	400/300
Engine Model	6BTA5.9-C150	6BTA5.9-C150	6CTA8.3-C215	6CTA8.3-C215
Min. Fuel Consumption (g/kWh)	206	206	203	203
Rated Power(kW/ rpm)	112/2200	112/2200	160/2200	160/2200
Fuel Tank Capacity(L)	280	280	280	280
Steering Model	Hydraulic Steering			
Axle Type	Front Reduce + Middle Reduce + Wheel Hub			
Tire Type	23.1-26 8PR	23.1-26 8PR	23.1-26 12PR	23.1-26 12PR
Service Brake Type	Hydraulic Lock Front and Rear Brake			
Parking Brake Type:	Oil Cut Front and Rear Wheel Brake			
Hydraulic Oil Tank Capacity(L)	90	90	90	90
A/C Model	GK15-5.0Y11	GK15-5.0Y11	GK15-5.0Y12	GK15-5.0Y12
A/C Refrigerating Capacity(W)	4500	4500	4500	4500
A/C Heating Capacity(W)	5800	5800	5800	5800

Applications:	
• Highway construction and maintenance	• Parking lots
• Walkways, bicycle and cart paths	• Asphalt repairs and resurfacing
• Driveways	

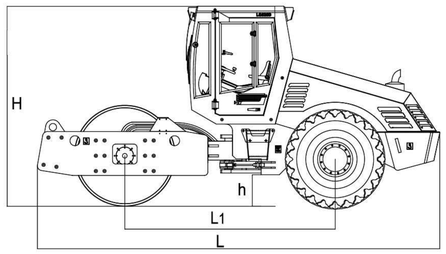
CDM510B/CDM512B/CDM514B/CDM516B

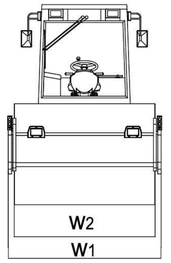
B SERIES SINGLE DRUM VIBRATORY ROLLERS

	510B	512B	514B	516B
OPERATING WEIGHT:	10000kg	12000kg	14000kg	16000kg
RATED POWER(kW/rpm):	85/2200	85/2200	92/2000	110/2000
STATIC LINEAR LOAD(N/cm):	303	373	490	580
MIN.TURNING RADIUS(mm):	6500/5500	7500/6500	10500/7500	12500/7500

Features:

- **Single frequency, dual amplitude, open-loop vibratory road roller, PERMCO hydraulic components.**
- **Steel drum made of high-strength material with well wear resistance and impress resistance.**
- **Wide-view cab, angle-adjustable steering wheel, the design according to ergonomics.**
- **Two brake systems containing hand brake and foot brake to make sure the safety of machine and operator.**
- **Engine hood is opened backward through manual operation and oil cylinder booster, large space for repair and maintenance, labor-saving .**
- **Equipped with A/C system as standard to make operating environment comfortable.**





Model	CDM510B	CDM512B	CDM514B	CDM516B
Operating Weight(kg)	10000	12000	14000	16000
Length*Width*Height (L*W1*H)(mm)	5975×2260×3250	5975×2260×3250	6080×2300×3365	6140×2300×3365
Width of Drum (W2)(mm)	2120	2120	2130	2120
Diameter of Drum (mm)	1520	1520	1520	1520
Rim Thickness of Drum(mm)	20	25	30	30
Min. Ground clearance (h)(mm)	420	420	400	400
Wheelbase (L1(mm)	3135	3135	3100	3100
Weight Burden on Front Drum(kg)	5000	6000	7000	7700
Weight Burden on Rear Wheel(kg)	5000	6000	7000	8300
Static Linear Load (N/cm)	235	277	330	360
Min. Turning Radius(mm)	6500	6500	6300	6300
Travel Speed Forward(km/h)	1.9/3.3/9.1	1.9/3.3/9.1	2.1/3.9/8.4	2.2/4.5/9.2
Revers (km/h)	1.9/3.3	1.9/3.3	2.1/3.9	2.2/4.5
Grade ability(%)	30	30	30	30
Steering Angle	30±1°	30±1°	30±1°	30±1°
Swing Angle	±10°	±10°	±10°	±10°
Vibration Frequency(Hz)	28	28	28	28
Nominal Amplitude(mm)	1.8/0.9	1.8/0.9	1.8/0.9	1.9/0.9
Centrifugal Force (kN)	240/150	280/180	290/160	310/190
Tire Type	17.5-25 12PR	17.5-25 12PR	23.1-26 8PR	23.1-26 12PR
Engine Manufacturer	Yuchai	Yuchai	Weichai	Yuchai
Engine Model	YC6B120-T20	YC6B120-T20	WP6G125E202	YC6B150Z-T21
Rated Power (kW/ rpm)	85/2200	85/2200	92/2000	110/2000
Min. Fuel Consumption (g/kWh)	235	235	215	235
Storage Battery(V/Ah)	12/120×2	12/120×2	12/120×2	12/120×2
Fuel Tank Capacity(L)	220	220	220	250
Hydraulic Oil Tank Capacity(L)	220	220	220	140
Drive Type	Mechanical			
Vibration System	Open-loop Hydraulic Vibration System			
Service Brake Type	Air Booster Caliper Rear Axle Brake			
Parking Brake Type	Shaft Controlling Brake of Gear Box			

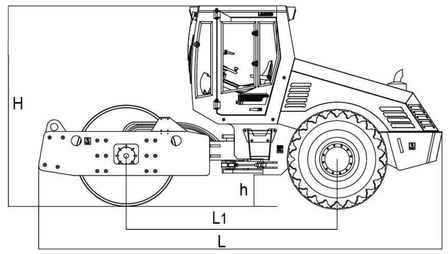
CDM520A6/CDM526A6

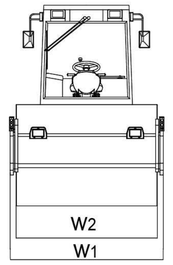
A6 SERIES SINGLE DRUM VIBRATORY ROLLERS

	520A6	526A6
OPERATING WEIGHT:	20000kg	26000kg
RATED POWER(kW/rpm):	128/2000	147/2000
STATIC LINEAR LOAD(N/cm):	470	580
MIN.TURNING RADIUS(mm):	9700/10300	12500/13500

Features:

- **Single frequency, dual amplitude, closed-loop vibratory road roller, Rexroth hydraulic components.**
- **Steel drum made of high-strength material with well wear resistance and impress resistance.**
- **Wide-view cab, angle-adjustable steering wheel, the design according to ergonomics**
- **Two brake systems with hand brake and foot brake to make sure the safety of machine and operator.**
- **Engine hood is opened backward through manual operation and oil cylinder booster, large space for repair and maintenance, labor-saving.**
- **Equipped with A/C system as standard to make operating environment comfortable.**





Model	CDM520A6	CDM526A6
Operating Weight (kg)	20000	26000
Length*Width*Height (L*W1*H) (mm)	6298×2280×3096	6398×2300×3096
Width of Drum (W2) (mm)	2130	2130
Diameter of Drum(mm)	1600	1600
Rim Thickness of Drum (mm)	36	36
Min. Ground clearance (h)(mm)	427	420
Wheelbase (L1) (mm)	3430	3465
Weight Burden on Front Drum (kg)	9700	12500
Weight Burden on Rear Wheel (kg)	10300	13500
Static Linear Load (N/cm)	470	580
Min. Turning Radius (mm)	6500	7500
Travel Speed Forward(km/h)	2.5/5.0/8.2	2.5/5.0/8.2
Reverse (km/h)	2.5/5.0/8.2	2.5/5.0/8.2
Grade ability(%)	30	30
Steering Angle	32±1°	35±1°
Swing Angle	±10°	±10°
Vibration Frequency(Hz)	28/33	28/33
Nominal Amplitude (mm)	1.9/1.0	2.1/1.0
Centrifugal Force (kN)	400/280	425/305
Tire Type	23.1-26 12PR	20.5-25 16PR
Engine Manufacturer	Shangchai	Shangchai
Engine Model	SC8D175.1G2B1	SC8D200.2G2B1
Rated Power (kW/ rpm)	128/2000	147/2000
Min. Fuel Consumption (g/kWh)	223	223
Storage Battery(V/Ah)	12/120×2	12/120×2
Fuel Tank Capacity(L)	350	350
Hydraulic Oil Tank Capacity(L)	120	120
Drive Type	Mechanical	
Vibration System	Closed-loop Hydraulic Vibration System	
Service Brake Type	Air Booster Caliper Rear Axle Brake	
Parking Brake Type	Shaft Controlling Brake of Gear Box	

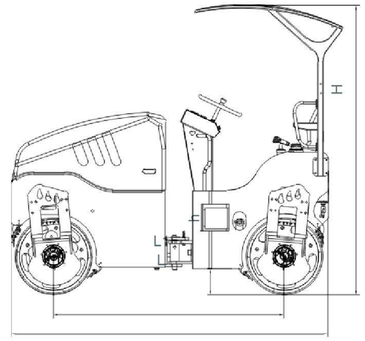
CDM5033DD

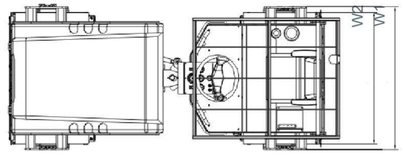
DOUBLE DRUM VIBRATORY ROLLERS

- OPERATING WEIGHT:3000kg
- RATED POWER(kW/rpm):25/2600
- STATIC LINEAR LOAD(N/cm):123/123
- MIN.TURNING RADIUS(mm):4050

Features:

- **Single frequency, single amplitude, hydraulic vibratory road roller, well known international brand hydraulic components.**
- **Key parts are produced from famous international brands, high reliability.**
- **Fork-foot frame structure, wide vision filed makes road edge easy to observe during compacting work.**
- **Steel enhanced sport bar, more effective protection for driver.**
- **Three-stage absorption for seat, more comfortable operation.**
- **GRP arc hoop, attractive appearance, more convenience for engine and transmission system maintenance.**
- **Small drum, good compaction effect.**





Model	CDM5033DD
Operating Weight (kg)	3000
Weight Burden on Front Drum (kg)	1400
Weight Burden on Rear Drum (kg)	1580
Length×Width×Height (L×W1×H) (mm)	2925x1330x2696
Width of Drum (W2) (mm)	1200
Diameter of Drum (mm)	700
Min. Ground clearance (h) (mm)	233
Wheelbase (L1) (mm)	2054
Static Linear Load(N/cm)	123/123
Min. Turning Radius (mm)	4050
Travel Speed (km/h)	0-8
Grade ability(%)	20
Steering Angle (°)	35±1°
Vibration Frequency (Hz)	50
Nominal Amplitude (mm)	0.5
Exciting Force (kN)	30
Engine Model	ZN390Q
Rated Power (kW/rpm)	25/2600
Start motor (kW)	3
Start motor (V)	12
Fuel Tank Capacity (L)	50
Hydraulic System	Closed-loop
Vibration System	Single-frequency
Steering Type	Hydraulic Steering
Steering System Setting Pressure (Mpa)	14
Service Brake	Hydraulic Lock
Parking Brake	Oil Cut

Skid Steer Loader

HIGH QUALITY PARTS, RELIABLE PERFORMANCE AND DURABILITY.

POWER SYSTEM

Original and imported four-cylinder engine, low oil consumption, stable and reliable, long service life and convenient for care and maintenance. It meets the emission standard of EPA Interim Tier Ⅲ & EU stage Ⅲ A/National Ⅱ, strong power, energy saving, environment protection and low noise.

WALKING SYSTEM

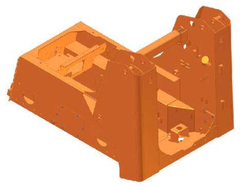
Close loop and static hydraulic transmission system, equipped with high intensity, adjustable chain transmission system, which provides strong power for the loader. High quality and special tyre of the skid steer loader is abrasion andc utting resistant.

HYDRAULIC SYSTEM

Static hydraulic four-wheel drive walking device provides maximum adhesive force between loader and the ground with quicker drive and more reliable brake. Hydraulic output system adopts compact arrangement of combination of three pumps or four pumps. It has bigger space for repair and higher efficiency of power transmission. world famous brand hydraulic motor with low running speed and high torque brings stronger and more reliable driving force. Original and imported leveling valve and solenoid self-locking multiway valve can effectively avoid mis-operation.

STANDARD AND UNVERSAL QUICK CHANGING ATTACHMENTS, FULLY EXERTING FUNCTIONS OF SKID STEER LOADER

It is provided with international universal quick changing connector, convenient for disassembling and assembling, and matches most brands of hydraulic attachments on the market. It adopts international universal hanging frame to ensure full exertion of functions of your existing attachments.



SOLID AND ENDURABLE LOADER FRAME, HIGH INTENSITY BOOM.

Heavy load chassis, integrated frame, high intensity and integrated welding techniques, which meets your requirement of continuous working under rigorous working conditions. Convenient maintenance and extended care and maintenance period reduces time for care and maintenance to minimum, which has improved productivity of theloader.

High intensity and seamless boom ensures the loader not fatigue or damage under long time and high intensity working.

AUTOMATIC LEVEING FUNCTION AND MORE CONVENIENT FOR OPERATION.

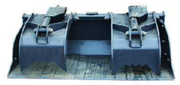
Automatic leveling system ensures attachments realize automatic hydraulic leveling during lifting,which has greatly lightened work intensity of the driver.

DIG BUCKET

TWIST DRILL

MULTI-FUNCTION BUCKET

SNOW BLOWER



INDUSTRIAL CLAMP

CLEANER

CONVENIENT CARE AND MAINTENANCE

Perfect self-fault-diagnosis system monitors working conditions of engine, hydraulic system and electrical system in real time, finds out fault as early as possible and reduces time for fault diagnosis and repair.

Cab adopts big angle and backward dump design, which is more convenient for maintenance.

YOUR EXPECTED COMFORT AND OPERATION.

Cab adopts design of integrated frame structure, structural element is manufactured in molding once to reduce welding points as much as possible and to make it more solid and beautiful. Whole loader is provided with luxury decoration, big space for driver, wild view and convenient operation. Operating panel provides comfortable and friendly human-machine environment, which has improved productivity.

CDM307/CDM308/CDM312
SKID STEER LOADER

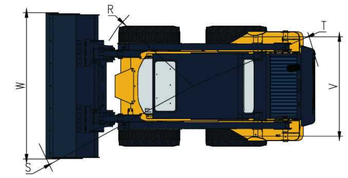
	CDM307-Ⅰ	CDM307-Ⅱ	CDM308-Ⅰ	CDM308-Ⅱ	CDM308-Ⅲ	CDM312-Ⅰ	CDM312-Ⅱ	CDM312-Ⅲ
ENGINE MODEL	KUBOTA	XINCHAI	PERKINS	XINCHAI	KUBOTA	KUBOTA	XINCHAI	KUBOTA
RATED POWER(kW/rpm)	42/2600	36.8/2500	44.7/2800	45/2500	50/2600	63/2600	55/2500	63/2600
OPERATING WEIGHT(kg)	2700	2800	3000	3000	3100	3700	3700	3700
RATED PAYLOAD(kg)	752	760	810	810	860	1230	1230	1230
BUCKET CAPACITY(m³)	0.43	0.43	0.48	0.48	0.48	0.54	0.54	0.54

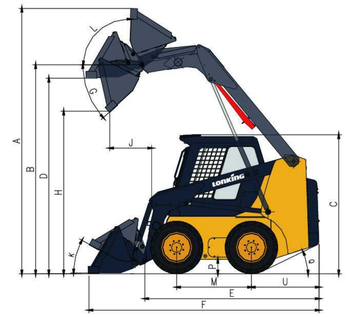
Features:

- Integral frame structure,Higher strength and better stability.
- Equipped with famous engine which is energy-saving and environmentally friendly.
- Original and import hydraulic systems ensure the stability and reliability of the machine Spacious cabin makes operation convenient and safe. It adopts big angle and backward dump design, backward dump leaves bigger space for repair and convenient for maintenance.
- Integral instrument panel displays operating data clearly.
- Advanced control system and electronically controlled self-lock and interlock eliminate the mis-operation and ensure safety.
- Dual throttle controls--manual throttle is convenient and pedal throttle conforms to your daily operating habit.
- Worldwide universal quick disconnect is compatible to various attachments and quick connector can match with most manufacturers attachments or machines.
- Compared with similar types, It has characteristics of narrow loader body, Long wheelbase, High chassis, Smaller steering radius, Higher stability and stronger passing capacity.

DIMENSIONS

All Dimensions are Approximate. Dimensions May Vary with Bucket. Refer to Operating Specifications.





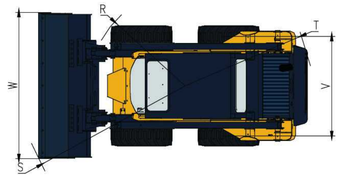
NO.	SPECIFICATION	UNIT	Ⅰ	Ⅱ
A	Max.Operation Height	mm	3850	3850
B	Bucket Pin Height	mm	2920	2920
C	Cab Roof Height	mm	2020	2020
D	Max.Height at Bucket Leveled	mm	2730	2730
E	Length without Attachment	mm	2420	2420
F	Length with Standard Bucket	mm	3340	3340
H	Dumping Height	mm	2180	2180
J	Reach Rollback	mm	790	790
M	Wheelbase	mm	1050	1050
P	Ground Clearance	mm	210	210
R	Front Turning Radius without Attachment	mm	1200	1200
S	Front Turning Radius	mm	2060	2060
T	Rear Turning Radius	mm	1520	1520
U	Tail Length	mm	960	960
V	Center Distance between Two Wheels	mm	1240	1240
W	Bucket Width	mm	1620	1620
G	Dumping Angle at Max.Height	°	39	39
K	Bucket Angle on Ground	°	28	28
L	Bucket Rollback Angle at Max.Height	°	94	94
Q	Start Angle	°	27	27

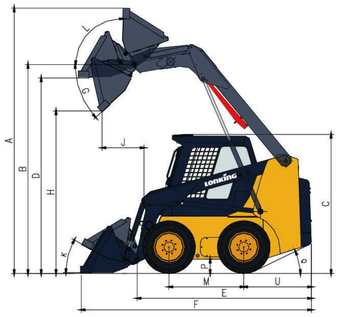
MACHINE MODEL	UNIT	CDM307-Ⅰ	CDM307-Ⅱ
MAIN SPECIFICATION			
Engine Model		KUBOTA V2403-M-T-E3B	XINCHAI A498BT1-75
Emission Standard		EuroⅢA	EuroⅢA
Rated Power	kW/rpm	42/2600	36.8/2500
Operating Weight	kg	2700	2800
Rated Payload	kg	752	760
Bucket Capacity	m³	0.43	0.43
L×W×H	mm	3360×1530×2000	3230×1820×2000
ENGINE SYSTEM			
Engine Model		KUBOTA V2403-M-T-E3B	XINCHAI A498BT1-75
Rated Power	kW/hp\rpm	42/56\2600	36.8/50\2500
Displacement	L	2.434	3.168
Stroke	mm	87	98
Bore	mm	102.4	105
WEIGHTS			
Operating Weight	kg	2700	2800
POWER TRAIN			
Travel Speed -F&R	km/h	11.5	11.5
TIRE			
Tyre		10×16.5	10×16.5
HYDRAULIC SYSTEM		Mechanical Servo	Mechanical Servo
Hydraulic Flow – Standard	L/min/rpm	74	74
Loader Hydraulic Pressure	MPa	21	21
Hydraulic Flow – High Flow	L/min/rpm	110	–
Loader Hydraulic Pressure	MPa	19	–
OPERATING SPECIFICATIONS			
Rated Payload	kg	752	760
Tipping Load	kN	1504	1520
Breakout Force	kN	18.9	18.9
Traction Force	kN	20.3	20.3
SERVICE REFILL CAPACITIES			
Chain Box, Each Side	L	9	9
Cooling System	L	12	12
Engine Crankcase	L	8	8
Fuel Tank	L	83	83
Hydraulic Tank	L	65	65

CDM308
Overall Specifications

DIMENSIONS

All Dimensions are Approximate. Dimensions May Vary with Bucket. Refer to Operating Specifications.





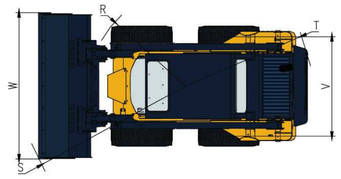
NO.	SPECIFICATION	UNIT	Ⅰ & Ⅱ	Ⅲ
A	Max.Operation Height	mm	3750	3850
B	Bucket Pin Height	mm	2920	3050
C	Cab Roof Height	mm	2000	2020
D	Max.Height at Bucket Leveled	mm	2730	2850
E	Length without Attachment	mm	2420	2530
F	Length with Standard Bucket	mm	3230	3350
H	Dumping Height	mm	2260	2360
J	Reach Rollback	mm	640	610
M	Wheelbase	mm	1050	1080
P	Ground Clearance	mm	210	210
R	Front Turning Radius without Attachment	mm	1200	1180
S	Front Turning Radius	mm	2010	2050
T	Rear Turning Radius	mm	1520	1580
U	Tail Length	mm	960	980
V	Center Distance between Two Wheels	mm	1230	1280
W	Bucket Width	mm	1820	1820
G	Dumping Angle at Max.Height	°	40	40
K	Bucket Angle on Ground	°	28	29
L	Bucket Rollback Angle at Max.Height	°	94	96
Q	Start Angle	°	27	27

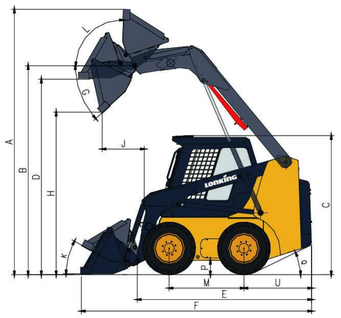
MACHINE MODEL	UNIT	CDM308- Ⅰ	CDM308- Ⅱ	CDM308-Ⅲ
MAIN SPECIFICATION				
Engine Model		PERKINS 404D-22T	XINCHAI A498BG-510	KUBOTA V3600-E3B
Emission Standard		EuroⅢA	Nation Ⅱ	EuroⅢA
Rated Power	kW/rpm	44.7/2800	45/2500	50/2600
Operating Weight	kg	3000	3000	3100
Rated Payload	kg	810	810	860
Bucket Capacity	m³	0.48	0.48	0.48
L×W×H	mm	3230×1820×2000	3230×1820×2000	3380×1820×2000
ENGINE SYSTEM				
Engine Model		PERKINS 404D-22T	XINCHAI A498BG-510	KUBOTA V3600-E3B
Rated Power	kW/hp\rpm	44.7/61\2800	45/61\2500	50/68\2600
Displacement	L	2.2	3.168	3.62
Stroke	mm	84	98	98
Bore	mm	100	105	120
WEIGHTS				
Operating Weight	kg	3000	3000	3100
POWER TRAIN				
Travel Speed -F&R	km/h	11.5	11.5	11.5
TIRE				
Tyre		10×16.5	10×16.5	10×16.5
HYDRAULIC SYSTEM		Mechanical Servo	Mechanical Servo	Mechanical Servo
Hydraulic Flow – Standard	L/min/rpm	74	74	91
Loader Hydraulic Pressure	MPa	21	21	21
Hydraulic Flow – High Flow	L/min/rpm	110	_	128
Loader Hydraulic Pressure	MPa	19	_	19
OPERATING SPECIFICATIONS				
Rated Payload	kg	810	810	860
Tipping Load	kN	1620	1600	1722
Breakout Force	kN	18.9	18.9	21.7
Traction Force	kN	20.3	20.3	24.27
SERVICE REFILL CAPACITIES				
Chain Box, Each Side	L	9	9	9
Cooling System	L	12	12	12
Engine Crankcase	L	8	8	9
Fuel Tank	L	83	83	88
Hydraulic Tank	L	65	65	65

CDM312
Overall Specifications

DIMENSIONS

All Dimensions are Approximate. Dimensions May Vary with Bucket. Refer to Operating Specifications.





NO.	SPECIFICATION	UNIT	CDM312
A	Max.Operation Height	mm	3880
B	Bucket Pin Height	mm	3060
C	Cab Roof Height	mm	2050
D	Max.Height at Bucket Leveled	mm	2870
E	Length without Attachment	mm	2530
F	Length with Standard Bucket	mm	3350
H	Dumping Height	mm	2440
J	Reach Rollback	mm	610
M	Wheelbase	mm	1080
P	Ground Clearance	mm	180
R	Front Turning Radius without Attachment	mm	1180
S	Front Turning Radius	mm	2050
T	Rear Turning Radius	mm	1580
U	Tail Length	mm	980
V	Center Distance between Two Wheels	mm	1320
W	Bucket Width	mm	1820
G	Dumping Angle at Max.Height	°	40
K	Bucket Angle on Ground	°	29
L	Bucket Rollback Angle at Max.Height	°	96
Q	Start Angle	°	28

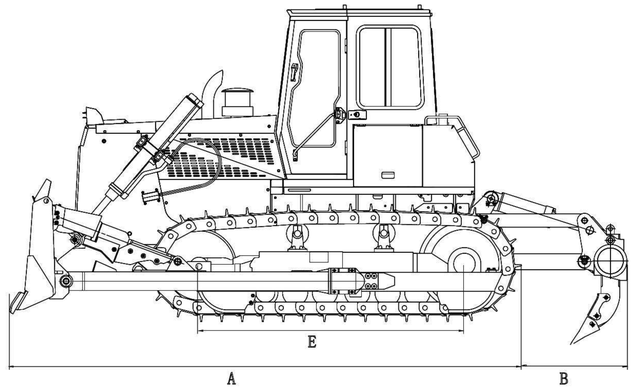
MACHINE MODEL	UNIT	CDM312- Ⅰ	CDM312- Ⅱ	CDM312-Ⅲ
MAIN SPECIFICATION				
Engine Model		KUBOTA V3600-T-E3B	XINCHAI A498BZG	KUBOTA V3600-T-E3B
Emission Standard		EuroⅢA	Nation Ⅱ	EuroⅢA
Rated Power	kW/rpm	63/2600	55/2500	63/2600
Operating Weight	kg	3700	3700	3700
Rated Payload	kg	1230	1230	1230
Bucket Capacity	m³	0.54	0.54	0.54
L×W×H	mm	3460×1820×2020	3460×1820×2020	3460×1820×2020
ENGINE SYSTEM				
Engine Model		KUBOTA V3600-T-E3B	XINCHAI A498BZG	KUBOTA V3600-T-E3B
Rated Power	kW/hp\rpm	63/86\2600	55/75\2500	63/86\2600
Displacement	L	3.62	3.168	3.62
Stroke	mm	98	98	98
Bore	mm	120	105	120
WEIGHTS				
Operating Weight	kg	3700	3700	3700
POWER TRAIN				
Travel Speed -F&R	km/h	11.8	11.8	11.8
TIRE				
Tyre		12×16.5	12×16.5	12×16.5
HYDRAULIC SYSTEM		Mechanical Servo	Mechanical Servo	Pilot Control
Hydraulic Flow – Standard	L/min/rpm	91	91	91
Loader Hydraulic Pressure	MPa	21	21	21
Hydraulic Flow – High Flow	L/min/rpm	135	135	135
Loader Hydraulic Pressure	MPa	19	19	19
OPERATING SPECIFICATIONS				
Rated Payload	kg	1230	1230	1230
Tipping Load	kN	2460	2460	2460
Breakout Force	kN	25.9	25.9	25.9
Traction Force	kN	28.06	28.06	28.06
SERVICE REFILL CAPACITIES				
Chain Box, Each Side	L	9	9	9
Cooling System	L	12	12	12
Engine Crankcase	L	9	9	9
Fuel Tank	L	91	91	91
Hydraulic Tank	L	65	65	65

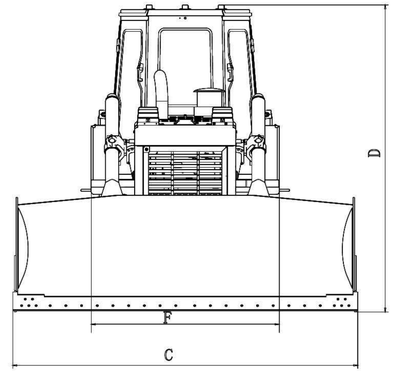
Crawler Bulldozer

	LD160	LD230
OPERATING WEIGHT:	16800 kg	24000 kg
ENGINE POWER:	120 kW	175 kW
BUCKET CAPACITY:	4.5 m³	7.8 m³

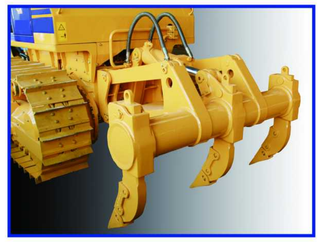
Features:

- Hexahedron cab, hydraulic mechanical transmission, running system with swing type of sprayed beam and suspended structure of equalizer bar.
- In-line, direct injection, water-cooled, four-stroke, turbocharged diesel engine.
- Three-element, one-stage, one-phase hydraulic torque converter.
- Planetary gear, multi-disc clutch, hydraulic actuated, forced lubrication by gear pump, manual hydraulic shift gearbox.
- Splash lubrication, spiral bevel gear first reduction; Splash lubrication, straight gear second reduction.
- Wet, multi-disc spring pressing, hydraulic separating, manual hydraulic control steering clutch.
- Wet, floating-band steering brake with hydraulic booster.





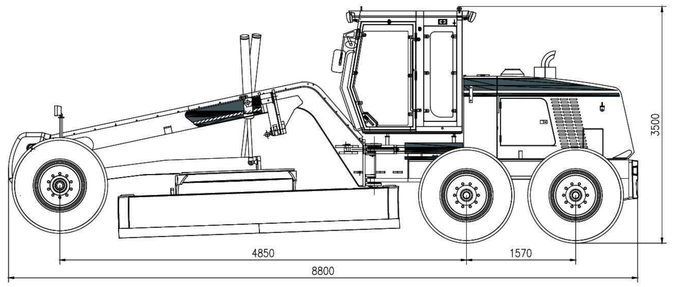
MODEL		LD160	LD230
Operating Weight (kg)		16800	24000
Engine Model		WD10G178E25	WD12G240E206
Engine Power (Kw/rpm)		120/1850	175/1800
Displacement (L)		10	11.596
Min. Ground Clearance (mm)		400	410
Min. Turning Radius (mm)		4200	3300
Gradeability (°)		30	30
Bucket Capacity (m³)		4.5	7.8
A Length without Ripper (mm)		5675	7021
B Ripper Length (mm)		1300	1595
C Blade Width (mm)		3450	3510
D Cab Roof Height (mm)		3210	3534
E Tumblers Distance (mm)		2430	2480
Blade height (mm)		1150	1390
Max. blade tilt (mm)		400	735
Crawler band width (mm)		510	560
Max.traveling speed	Forward (km/h)	9.6	11.2
	Backward (km/h)	12.5	13.2

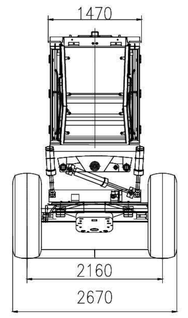


Motor Grader

	CDM1165	CDM1185	CDM1220
RATED POWER(kW/rpm):	125/2200	160/2200	160/2200
OPERATING WEIGHT(kg):	15000	16000	17050

Features:
Engine
The powerful engine features dependable performance, low fuel consumption, and low emission.
Both Shangchai engine and DCEC Cummins engine are optional.
Hydraulic system
The use of the imported working pump, tandem pump, and multi-way valve renders dependable performance and superior quality. The Rexroth dual-circuit hydraulic brake system together with the imported brake valve and pressure limiting valve ensures high reliability and good safety performance of the brake system on the machine and enhances operational sensitivity, safety and comfort.
Powertrain
• The hydraulic shift transmission (6 forward gears + 3 reverse gears) manufactured from the technologies of ZF (Germany), together with the three-element torque converter ,imported seals, control valve and gear selector provides high efficiency and reliability as well as long service life.
• The three-section rear drive axle with built-in "No-Spin (U.S.A.)" differential ensures smooth drive.
Cab
• Being stamped using high-strength steel plates, the cab is robust and durable.
• 180°openable, the door is provided with a toughened glass window and a full-open lock gear.
• Superior all-round vision reduces safety hazards effectively.
• The spacious cab makes you feel doubly comfortable. All control elements are arranged properly to allow smart operation.
• The fully sealed cab allows in-cab noise to be significantly reduced, which cares for your health.
• The A/C system mounted on the top of the cab can meet your need for rapid adjustment of cab temperature.
• The neat control panel allows easy key operation.
• The multi-direction multi-stage adjustment allows different drivers to find their optimum positions.
• The large pedal space allows you to stretch your body freely so that you will not become fatigued after a long-time operation.
Work equipment
• The operating unit featuring a swing-arm linkage and the maintenance-free ring gear type swing unit standard on the machine achieve high mobility and agility and show good service performance.
• Such units as front dozer blade, rear scarifier, and front and rear counterweights are optional.





Model		CDM1165		CDM1185	CDM1220	
Engine Model		SC8D170G2 B1	CUMMINS 6BTA5.9-C17 0	SC8D190.1G 2B1	CUMMINS 6CTA8.3-C21 5	CUMMINS 6CTA8.3-C21 5
Rated Power (kw/rpm)		125/2200	125/2200	140/2200	160/2200	160/2200
Engine Form		Turbo Charger, Water-air Intercooler				
Number of Cylinders		6	6	6	6	6
Max.torque (N.m)		660	730	908	908	908
Length*Width*Height (mm)		8800*2670*3500		8800*2670*3500	8800*2670*3500	
Operating Weight (kg)		15000		16000	17050	
Travelling Speed,Forward (Km/h)		5/8/12/18/26/32		5/9/11/19/23/38	5./8/11.7/17/24/33	
Travelling Speed,Reverse (Km/h)		5/12/26		5/11/23	5.16/12.41/21.82	
Traction Force (KN)		82		91	110	
Max.gradeability		30%		30%	30%	
Tyre Inflation Pressure (MPa)		0.2-0.23		0.2-0.23	0.2-0.23	
Working Pressure (MPa)		16		16	16	
Transmission Pressure (MPa)		1.3-1.7		1.3-1.7	1.3-1.7	
Max.steering Angle of Front Wheels		±45		±45	±45	
Max.lean Angle of Front Wheels		±17		±17	±17	
Max.oscillation Angle of Front Wheels		±15		±15	±15	
Max.oscillation Angle of Balance Box		±15		±15	±15	
Max.steering Angle of Frame		±23		±23	±23	
Min.turning Radius of Articulation (mm)		8000		8000	8000	
Blade	Max.lift Above Ground (mm)	455		455	455	
	Max.depth of Cutting (mm)	550		550	550	
	Max.blade Position Angle	90°		90°	90°	
	Cutting Angle	34°-65°		34°-65°	34°-65°	
	Circle Reversing Rotation	360°		360°	360°	
	Blade Width*Height (mm)	3665×600		3965×600	4270×620	
Optional	1.Front Dozer Blade	√		√	√	
	2.Rear Ripper	√		√	√	