



Engine

Gross Power

Backhoe Digging Depth

Operating Weight

Yuchai YCA05K125-T300

92 kW (123 hp /125 ps)@2,200 rpm

4,440 mm

8,100 kg

764A BACKHOE LOADER

TOUGH WORLD. TOUGH EQUIPMENT.



A POWERFUL VISION

Today, **LiuGong is a leader in China’s construction equipment industry and is one of the fastest growing construction equipment companies in the world**, providing customers with quality, reliable support across a wide range of equipment.



INNOVATIVE FROM THE START

Innovation drives industries forward and LiuGong has been **driving innovation for over 60 years**.

An 110,000 m² Global Research & Development Centre in Liuzhou, China is equipped with world-class technology and run by industry experts including around 1,000 R&D engineers.

In addition to the Liuzhou facility LiuGong operates world-class R&D facilities in Poland, India, the United States and the United Kingdom, supporting their global vision of excellence.

Emphasis on quality is reflected in LiuGong’s Six Sigma quality methodology and compliance with ISO 9000 standards.

- LiuGong has established joint venture partnerships with some of the industry’s best known names including:
- German drivetrain components manufacturer **ZF Friedrichshafen AG**
 - North American diesel engine manufacturer **Cummins**

WE ARE LIUGONG



WHAT MAKES LIUGONG A LEADER?

Innovation and manufacturing excellence for over 65 years

LiuGong built China’s first modern wheel loader and continues to embrace its commitment to innovation by combining decades of know-how with leading technology from the world’s best component suppliers.

LiuGong has established centers of excellence around the globe to guarantee service and support and ensure their customers can work efficiently and productively. LiuGong manufacture at 20 plants and have offices across all major regions of the world including Europe, North America, South America, Asia-Pacific, India, the Middle-East, South Africa and Russia.

An extensive network of regional parts depots operate around the globe to ensure customers receive the support they have come to expect from LiuGong.


9,500+
Employees


20
Factories


12
Global offices


2,650+
Sales outlets


1,000+
R&D engineers


5
R&D facilities


9
Regional parts depots


60+
Years' experience



A POWERFUL VERSATILE WORKHORSE

A highly productive backhoe loader, the 764A is designed to exceed customer’s expectations. More performance, versatility and comfort than the previous model. It’s up to the challenge, the 764A works in even the most harsh and demanding environments. It really is a powerful and versatile workhorse.

LONG LIFE WORLD CLASS ENGINE

The CLG764A is available with Yuchai YCA05K125-M300 turbocharge CHINA III engine,a 4 cylinder, 4 stroke direct injection diesel engines .The engine feature a reliable gear drive water pump and a durable front end auxiliary drive belt that is automatically tensioned for a longer service life and reducing operation costs.

TRANSMISSIONS

Choice of synchronized shifting transmission gives the operator control in selecting the correct gear for the task at hand.

The 764A comes equipped with synchronized shifting gearbox, provides 37 km/ h top speed for improved road speed and better spacing between gear ratios. It utilizes a constant mesh, synchronized, four speed system. The forward/ reverse level on the steering column is placed for easy changes on the move. The gear shift is on a floor mounted shift lever.

BRAKING

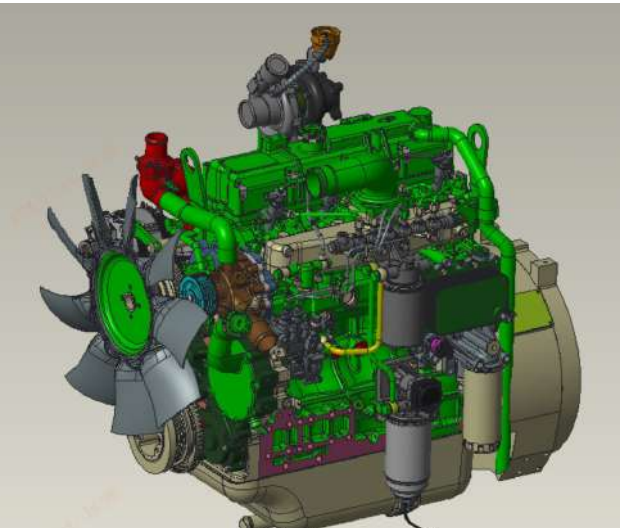
Adopt the air-over-oil brake system used by traditional loaders, with enlarged brake discs, the braking is sensitive and reliable.

AXLES

The heavy duty axles on the 764A have been equipped to be used in the most arduous of conditions. 4 wheel drive(4WD) is standard. The 4WD can be engaged on the-go, with a load, in any gear, forward or reverse. 4WD also has outer final drives for easy maintenance

INDUSTRY HEAVE DUTY TIRE

The 764A is equipped with heavy duty industrial tires to adapt to working in harsh conditions.



IMPROVED SERVICEABILITY

The 764A has a mini front service door that makes it easy to check the battery and turn on the negative switch. The easy to open engine hood allows more convenience for all checks, indicators, and fill points. The A series is designed to require minimal daily maintenance for busy operators.

SAFETY AND COMFORT

The standard ROPS/ROPS cabin has an ergonomically positioned multifunctional instrument panel that can be operated easily when working with both the loader and the backhoe. The A series cab provides ergonomically designed control levers to allow precise and smooth

IMPROVED SERVICEABILITY

The 764A is designed to require minimal daily maintenance for busy operators. Standard with front lift-up hood that makes it easy to check the battery and turn on the negative switch, allows more convenience for all checks: indicators and fill points.





AN ENVIRONMENT DESIGNED FOR WORK

It makes good business sense to give operators the very best working environment – when operator feel comfortable, then he is a productive operator. Our aim is to keep operators safer, more alert and more productive



WORK IN COMFORT

The 764A cab is a bright, spacious and streamlined work place. This enclosed cab has a high efficiency air conditioner system to keep the operator comfortable in all weathers. Re-optimized layout of the 8 outlets improves air circulation and makes the space more comfortable. The cab is equipped with a high quality suspension seat.

ERGONOMICALLY PLACED CONTROLS

The ergonomically placed controls and integrated instruments improve the operator's efficiency and reduce fatigue. All the buttons you generally used are easy to reach. Windshield wiper, work lights, park lights, horn button and power cut off switch are all located in convenient places. The adjustable steering wheel let the operator change the machine to fit their needs.

OUTSTANDING VISIBILITY

The 764A cab design incorporates curved glass to increase interior space and improve visibility.

An easy to open, rear window provides the operator with excellent ventilation and super visibility to the rear. The rear wiper easily clean a large area to ensure visibility even when working in wet or dusty conditions.



TOUGH AND DURABLE STRUCTURES



LOADER PERFORMANCE

The 764A has higher breakout forces, load height and reach than before, making it easier for you when loading a truck or shoveling. The 8 linkage lift arm is ideal for safely lifting of any palletized load. Visibility is also enhanced with both general or multi-purpose buckets.

The machines are designed to get more done in less time. Featuring a stronger backhoe, this backhoe can work faster through any task.

EXCAVATOR BACKHOE

The LiuGong boom design features powerful breakout forces and a standard arm with 4.4 m digging depth. Auxiliary lines are available to match different work tools to meet the demands of different working conditions.





WORK TOOLS READY FOR ANY JOB

LiuGong provides a range of purpose designed attachments and work tools for your 764A to give you increased versatility.

LOADER BUCKETS

General purpose and hydraulic multi purpose buckets are pin-on mounted.They can be fitted with either a cutting edge or bolt on teeth. Multi-purpose buckets are optional. Fold over pallet forks are also available.

BACKHOE BUCKETS

Whatever the soil type or application we have a backhoe bucket to match, including: Standard Duty, Heavy Duty and High Capacity. Bolt on teeth or weld on adapters with pin on teeth can be fitted.



HAMMER

The hammer is used to break up concrete, asphalt or rock and delivers constant power when operated.

AUGER

The Auger is used for drilling holes for a wide variety of applications.



AUGER



BREAKER

WHERE YOU NEED US WHEN YOU NEED US

LiuGong is committed to providing **reliable** and **tough** equipment combined with dependable service to customers **across the globe**.



GLOBAL NETWORK

We offer local support through our extensive dealer network in more than 130 countries. Our dealers and customers are supported by 12 regional subsidiaries and 9 global parts centers, all offering expert training, parts and service support.

PROFESSIONAL ADVICE

No matter the job, we can help you choose the right machine, with the right specifications, options and attachments for your business. We are committed to ensure maximum uptime and lowest cost of ownership to ensure you get good profitable return form your equipment.

SERVICE AGREEMENTS

At LiuGong, we offer service agreements to support your business needs and help you take control of all your costs. Talk to us today.

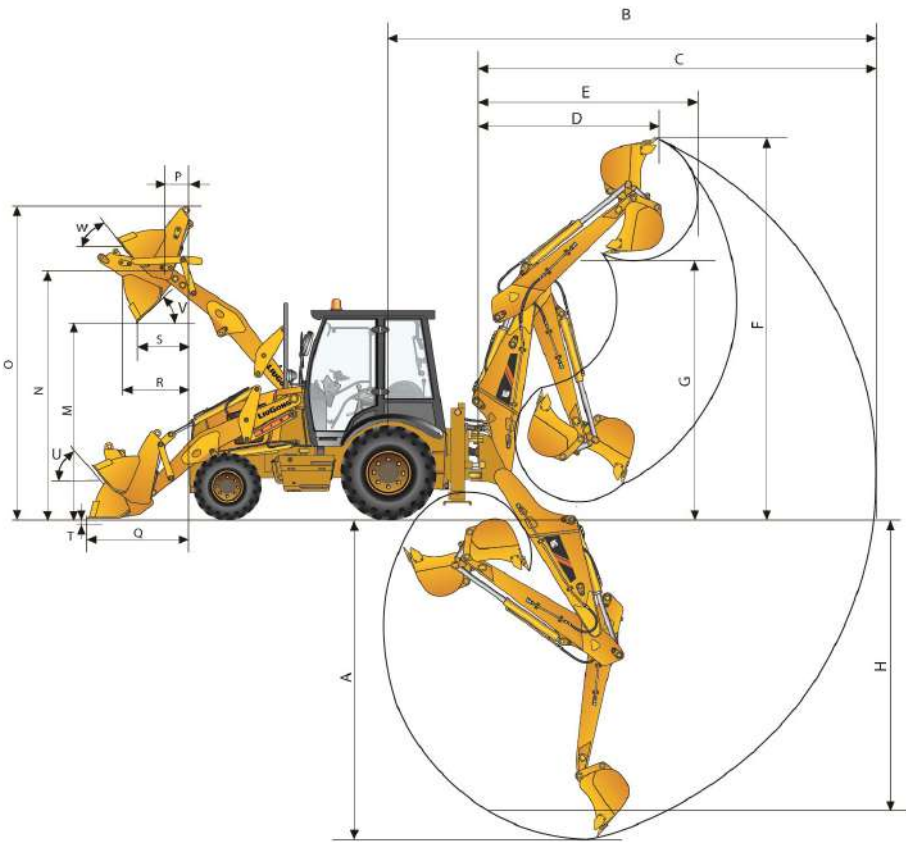


SPECIFICATIONS

ENGINE	
Emission Regulation	CHINA III
Manufacturer	Yuchai
Model	YCA05K125-T300
Gross Power	92 kW (123 hp / 125 ps) @ 2,200 rpm
Peak Torque	680 N · m @ 1,400-1700 rpm
Displacement	5.018 L
Type	Diesel, Water cooled,Turbocharged, 4-cylinder
ELECTRICAL SYSTEM	
System Voltage	12 V
Battery Rating	95 amp - hr
DRIVE TRAIN	
Number of Drive Wheels	2WD/4WD
1st Maximum Speed, fwd/rev	5.3 km/h
2nd Maximum Speed, fwd/rev	9 km/h
3rd Maximum Speed, fwd/rev	18.5 km/h
4th Maximum Speed, fwd/rev	37 km/h
Turning Radius Outside of Front Tire	4,440 mm
Turning Radius Outside of Bucket	5,554 mm
BRAKES	
Service Brake Type	Dry disc
TIRES	
Front Tire Size	12.5/80-18 14PR
Rear Tire Size	19.5L-24 12PR
HYDRAULIC SYSTEM	
Circuit Type	Open
Total Flow	154 L/min
Main Relief Pressure	21.5 Mpa
Steering Type	2WS
OPERATING WEIGHTS	
Operating Weight	8,100 kg

LOADER PERFORMANCE	
Standard Bucket Type (referenced)	General Purpose
Heaped Capacity ISO (referenced)	1.1 m³
Standard Bucket Width (referenced)	2,260 mm
Boom lift Capacity at Full Height	27.1 kN
Bucket Breakout Force	52kN (5200 kgf)
Maximum Dump Angle at Full Height	45°
Dump Height at Maximum Angle	2,691 mm
Dump Reach at Full Height Discharge	713 mm
Boom Lift Capacity, end, at ground	42.4 kN
Maximum Dig Depth	56 mm
Load over height	3,413 mm
Load capacity at full height	2,710 kg
BACKHOE PERFORMANCE	
Standard Bucket Type (referenced)	General Purpose
Heaped Capacity ISO (referenced)	0.20 m³
Standard Bucket Width (referenced)	610 mm
Maximum Dig Depth	4,440 mm
Reach From Swing Pivot at Ground	5,443 mm
Turning Angle of Bucket	186°
Bucket Digging Force	52.1 kN
Arm Digging Force	33.6 kN
Loading Height	3,554 mm
Reach at full height to slew centre	2,130 mm
SERVICE CAPACITIES	
Fuel Tank	163 L
Engine Oil	14 L
Cooling System	23 L
Hydraulic Reservoir	130 L
Hydraulic System Total	170 L
Transmission and Torque Converter	24 L
Axle, front	6+0.8*2 L
Axle, rear	6+3*2 L
WHEEL TREAD GAUGE	
Front Wheel Tread Gauge	1,879 mm
Rear Wheel Tread Gauge	1,885 mm

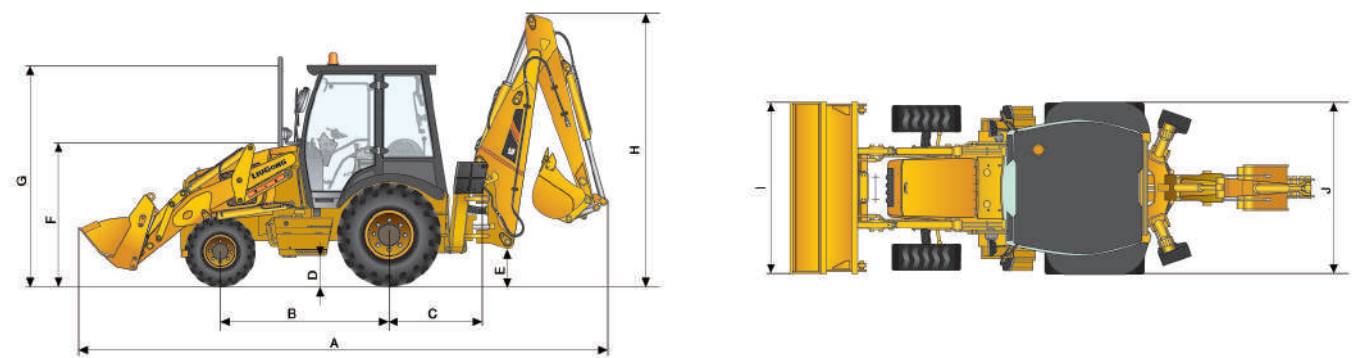
DIMENSIONS & WORKING RANGE



Standard Arm										Unit: mm
Dimension	A	B	C	D	E	F	G	H	M	N
	4,440	6,704	5,443	2465	3,007	5,240	3,007	3,577	2,691	3,413
Dimension	O	P	Q	R	S	T	U	V	W	
	4,300	328	1,392	896	713	56	45°	45°	52°	



DIMENSIONS



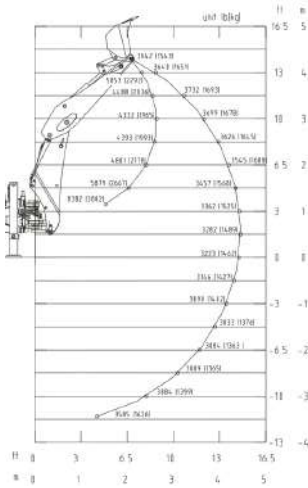
Unit: mm

Dimension	A	B	C	D	E	F	G	H
	6,970	2,210	1,369	360	479	2,003	2,885	3,577
Dimension	I	J						
	2,260	2,280						

LIFTING CAPACITY

764A Backhoe Lift Capacity with Standard Arm

Unit: kg



STANDARD EQUIPMENT

- ENGINE**
 - Yuchai YCA05K125-T300
 - Diesel engine, four cylinder
 - Dry type air filter
 - Fuel and Water Separator**DRIVE TRAIN**
 - Mechanical drive
 - Synchronized Shifting Transmission
 - Dry disc brakes
 - Transmission speed ranges, four forward and four reverse
 - Vacuum tyre
 - Full hydraulic steering
 - Front axle, pendulum mount**TUBE TIRES**
 - Front 12.5/80-18
 - Rear 19.5L-24**LOADER**
 - General loader bucket 1.0 m³
 - loader arms
 - 8-bar bucket linkage
 - Boom interlock
- BACKHOE**
 - Standard center-mounted backhoe boom
 - Backhoe type controls
 - Backhoe bucket 0.2 m³
 - Arm cylinder and Arm
 - center-mounted**OPERATION STATION**
 - FOPS & ROPS
 - Adjustable suspension seat
 - Instrument panel lights
 - Working lights (4 front, 4 rear)
 - Mirrors external
 - Mirror internal
 - Alternator, 120 amp
 - Cab mounted fuse panel
 - Maintenance free battery, 12 V
 - Turning lights (two rear)
 - Cigarette lighter
 - Floor mat
 - Hand & foot accelerator
 - Horn**OTHERS**
 - Air filter restriction indicator
 - Engine cooling temperature gauge
 - Hour meter gauge
 - Boom bumper

OPTIONAL EQUIPMENT

- ATTACHMENTS**
 - Backhoe bucket - 0.15 m³, 457 mm width
- Backhoe bucket - 0.22 m³, 762 mm width
 - 0.25 m³, 762 mm width
 - 0.29 m³, 762 mm width
 - 0.36 m³, 914 mm width
 - Auger
 - Vibratory tamper
 - Hydraulic Hammer
 - 4 in 1 Load Bucket 1.0 m³
- TIRES**
 - Front tire 12.5/80-18 14RP
 - Rear tire 16.9-28 14RP
 - Max. travel speed 37 km/h**OTHERS**
 - Rotary beacon
 - Fire extinguisher



Guangxi LiuGong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 388 6124 E: overseas@liugong.com
www.liugong.com

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