



# 848TE

<b>BATTERY TYPE</b>	LFP
<b>RATED BATTERY ENERGY</b>	282 kWh
<b>OPERATING WEIGHT</b>	18,590 kg
<b>STANDARD BUCKET SIZE</b>	2.7 m <sup>3</sup>
<b>STANDARD BREAKOUT FORCE</b>	144 kN
<b>STANDARD DUMP CLEARANCE</b>	2,778 mm



B A T T E R Y   E L E C T R I C   V E H I C L E

TOUGH WORLD. TOUGH EQUIPMENT.



# CHANGE FOR THE BETTER

## LET'S TALK CHANGE

China leads the world in battery electric vehicle (BEV) technology and we are a leader in China, so you can trust us to help you find the answers to make your change to electric easy.

As a leader in electric machine and infrastructure technology, we believe we can guide you through every step of your change to electric.



### WHY ELECTRIC?

Fully electric? Hybrid? Alternative fuel transmissions? Making the change from diesel presents a number of options. LiuGong have fully evaluated all of the above and more before deciding on electric as the best option.



### WHY CHANGE NOW?

Our global priorities for energy are changing rapidly with the adoption of electric power accelerating beyond all other sources. For our customers, changing to electric is a strategic change for the better. At LiuGong, we can relate to this, we want to be a better global citizen and help make life better for everyone. This thinking has shaped our investment and transformation into a leader in electric capability.

## BETTER SUSTAINABILITY

Electric technology reduces emissions by

# 100%



Our energy priorities are changing fast. Now is the time to change for better.

Together we can help reduce CO<sub>2</sub> by over

# 50 MILLION

 ton

## BETTER ECONOMY

Running costs can be reduced by up to

# 50%

compared with diesel alternative



LiuGong provides BEV products to customers all over the world, and has reduced CO<sub>2</sub> emissions by over

# 365,000

 ton

\*Based on Chinese data  
\*\*For the latest updates, please contact your local LiuGong dealer.



# A WORLD LEADING BEV RANGE

WITH MORE THAN 90 PRODUCTS ALREADY LAUNCHED,  
WE OFFER **A WORLD LEADING BEV RANGE.**

As a leader in BEVs, we have launched over 90 electric products, offering a solution for nearly every application and segment, including mining machinery, industrial and port equipment, agricultural machinery, and more.

## WE HAVE AN ELECTRIC SOLUTION FOR EVERY APPLICATION

Covering 11 product lines, including loaders, excavators, mining trucks, aerial work platforms, industrial vehicles, and agricultural machinery, our BEVs fully encompass the three major technological routes including pure electric, extended-range, and battery swap.

## THE WORLD TRUSTS OUR GREEN MACHINES

With over 13,000 machines already sold globally in regions such as Asia-Pacific, Europe, North America and Latin America, our BEV machines are building a reputation for simplicity, reliability and performance.



WHEEL LOADERS



EXCAVATORS



MINING TRUCKS



MOTOR GRADERS



ROLLERS



SKID STEER LOADERS



REACH STACKERS



FORKLIFTS



AERIAL WORK PLATFORMS

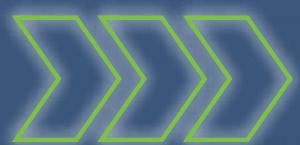


HYBRID TRACTORS



TELESCOPIC HANDLERS

# LET'S MEET THE GREEN 848TE



Please confirm the availability of product lines and models with your local dealer.



# NEW 848TE

## AN INTELLIGENT SOLUTION FOR A TOUGH WORLD

A representative product that balances flexibility and economy, it features Liugong's new-generation T-Series cab. Making it the ideal solution for confined spaces, small to medium-scale projects, and light to moderate-duty applications.



### POWER & BATTERY PERFORMANCE

Equipped with Liugong's self-developed "Shield" battery pack, 848TE is powered by a 282 kWh large capacity lithium iron phosphate battery.

- Intelligent battery management system
- 6-8 hour working time capacity
- 60-minute charging time (300 kW, battery capacity 12 - 95%)
- Three-level leakage protection for operator safety



### PLUG & PLAY SIMPLICITY

We help you change to electric by offering a simple plug & play solution, perfectly matched to deliver the optimum performance, economy and safety.

- Multiple charging standards supporting CCS1, CCS2, and GB/T interfaces
- Versatile mobile & fixed charging posts with multiple power options



### RELIABILITY & BATTERY ASSURANCE

We already have over 3,000 electric wheel loaders operating in the toughest conditions, so we go further to give you peace of mind.

- 5-year or 10,000-hour warranty (for battery) as standard
- IP67 rated wiring harness
- Waterproof integrated battery package



### ECO PERFORMANCE & ZERO EMISSIONS

It delivers heavyweight performance while upholding environmental responsibility.

- Zero Fuel
- Zero Emissions
- Lower noise & vibrations



### SAFETY & COMFORT

The cab is designed around the operator, providing wide cab space, the highest level of safety, visibility and comfort.

- Anti-glare green-tinted laminated glass for comfortable visual environment
- Micro-pressurized cab with rational AC vent design and increased legroom
- Automatic door control lights and ergonomic control layout



### INTELLIGENCE & CONTROL

Our intelligent, human-centric design creates a superior operator experience.

- Customizable parameters for work equipment, energy recovery, and operational modes
- OTA remote upgrades to reduce on-site maintenance requirements
- Remote pre-conditioning for cabin comfort and charging scheduling
- Intelligent fault recognition with automatic error code reporting

Machine's runtime data is based on a comprehensive evaluation and is provided for reference only. The actual runtime performance may vary depending on specific operating conditions.



# CHANGE FOR A SAFER SOLUTION



RELIABILITY TEST OF LIUGONG "SHIELD" BATTERY PACK



## SAFETY WITHOUT COMPROMISE

Create the safest working environment with active and passive safety protection. Designed around the operator, our cab provides the highest levels of safety, visibility and comfort. Advanced battery technology and excellent overall construction all combine to create zero tolerance for accidents in or around the machine. Nothing can protect you more than the environment you are in.



## ENHANCED WET DRIVE AXLE

- The main transmission bearings are all imported high-quality bearings, and the reinforced front and rear axles have a 200% increase in service life, maintaining efficient operation.
- Enhanced axle housing and wheel side gears, significantly improving reliability.
- Wet axle has better shock absorption and heat dissipation, improving machine stability and service life.



## LIUGONG "SHIELD" BATTERY PACK

As you rightly care about, Liugong's newly developed "Shield" battery pack has passed a series of rigorous tests. It boasts exceptional shock resistance and high safety, capable of withstanding extreme high temperatures and humid environments.

- Integrated design of the battery system, the wiring harness has been reduced by over 93%, making maintenance more convenient and safety higher.
- The volumetric energy density has increased over 40%, higher space utilization, the battery life and the charging efficiency is greatly improved.
- Based on the vibration spectrum design of construction machinery, the anti vibration strength of the battery case is increased by more than 300% compared to the entire machine bracket.
- Utilizes a liquid cooling solution with separated layout of high-voltage cables, low-voltage cables, and cooling lines to ensure operational safety.
- With an IP67 protection standard, the battery pack meets the demanding requirements of even the toughest construction site conditions.





# CHANGE FOR 'PLUG & PLAY' SIMPLICITY



## PLUG & PLAY SIMPLICITY

We help you change to electric by offering a simple plug-and-play solution, perfectly matched to deliver the optimum performance, economy and safety.



## POWER & BATTERY PERFORMANCE

We've made the change to electric easy with an 'all-in-one unit' powertrain, designed for optimum simplicity and performance, and an intelligent battery management system for a safe and easy charging solution.



## ALL IN ONE POWERTRAIN

Our All-In-One Powertrain seamlessly integrates controller, travel motor, transmission, drive axle controller, and hydraulic motor and pump into a single system. That means maximum power with maximum efficiency.



## SUPERIOR BATTERY PERFORMANCE

848TE is powered by a 282 kWh large capacity lithium iron phosphate battery.

- 6-8 hour working time capacity
- 60-minute charging time (300 kW, battery capacity 12 - 95%)

up to

# 8

## HOURS

working time in light applications

up to

# 6

## HOURS

working time in heavy applications

# 65

## MINUTES

300 kW charging power



Machine's runtime data is based on a comprehensive evaluation and is provided for reference only. The actual runtime performance may vary depending on specific operating conditions.

# CHANGE FOR COMFORT



## COMFORTABLE EVERYTHING

- Anti-glare green-tinted laminated glass for a comfortable visual environment and convenient operation.
- 12 air vents are distributed throughout the cabin, with auto-adjusting temperature and optional dedusting A/C, providing a comfortable operating environment.
- The legroom and seat adjustable space have been increased by over 10%, offering a more comfortable interior for the operator.
- The light colored interior highlights the operation buttons, making them easy to identify and enhancing the brightness and comfort of the driver's cabin



## NO VIBRATIONS

To reduce the driver's operational fatigue, this machine uses silicone oil shock absorbers with superior performance' and equips with air-suspended heated and ventilated seat, four-way adjustable console, providing drivers with a low-noise and low vibration working environment.



## SUPERIOR OPERATING VISIBILITY

- The front field of vision is expanded to 120°, providing a wider view.
- The external rearview mirrors integrate blind spot mirrors, improving the side field of vision and reducing operational blind spots.
- Configure electrically adjustable and heated rearview mirrors to meet the viewing preferences of different drivers.



# CHANGE FOR INTELLIGENT PERFORMANCE



## 10" GRAPHICAL DISPLAY

The new graphical display offers, 10.1" touch graphical display, Monitor machine, parameters, Load accurately with LiuGong Payload System, Operator ID - Adjust to suit you, Automatic Air conditioning.



## OTA (OVER-THE-AIR TECHNOLOGY)

The software program enables remote upgrade functionality. Through the LiuGong iLink system, the upgrade files for the Vehicle Control Unit (VCU) are remotely transmitted to the machine's TBOX. After the customer confirms and presses the "Allow Upgrade" button, the VCU programming upgrade is completed remotely, eliminating the need for service personnel to be on-site for programming.



## REMOTE RESERVATIONS

- Remote Preheating: The "battery, cab" will be simultaneously pre-heated, enabling pre- warming in winter and reducing the operator's warm-up time.
- Remote A/C: The cab can be rapidly cooled down in advance, creating a comfortable operating environment for drivers.
- Remote Charging: Machine will automatically charge according to preset timings, allowing for energy replenishment during off-peak electricity hours to minimize energy costs.



## INTELLIGENT APPLICATION

With a variety of intelligent functions to improve operational efficiency and comfort, 360 panoramic images can help monitor the environment around the machine. Joystick steering can reduce the cumbersome control of the steering wheel, parallel lifting can improve the efficiency of wood/steel pipe transfer, electric control quick couple one button to change the bucket or forks is convenient and quick.



## HIGH-EFFICIENCY COOLING SYSTEM

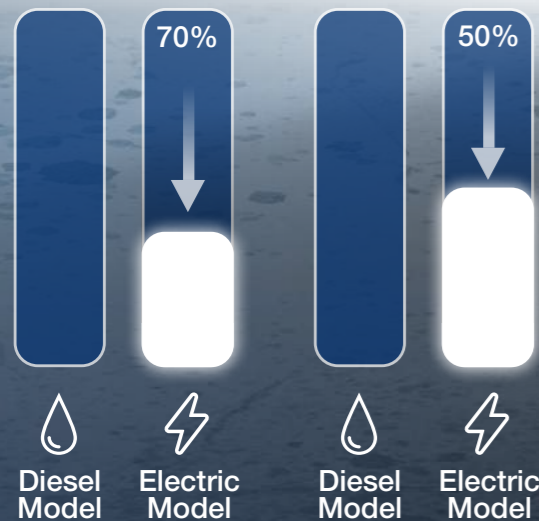
Our three-electricity system adopts an intelligent temperature-controlled liquid cooling solution, significantly enhancing operational reliability. Intelligent temperature controlled electronic fan, independent control, wind speed automatically controlled according to battery temperature. Maintain the battery temperature at 25°C - 35°C during operation, with the highest discharge efficiency, achieving the highest discharge efficiency. In addition, the electric fan is equipped with an automatic intermittent reverse function, which effectively reduces dust accumulation, enhances system reliability, and eliminates the need for manual cleaning.



# CHANGE FOR BETTER RETURN ON INVESTMENT

## SIGNIFICANTLY REDUCED ENERGY COSTS

Energy expenses represent the largest portion of the Total Cost of Ownership (TCO). For example, in China, where diesel fuel costs approximately \$0.9/L and electricity is priced at around \$0.1/kWh, a 4.5-ton fuel-powered loader operating on a farm consumes diesel about 12 L/h. Under the same working conditions, an electric loader is estimated to consume 36 kWh per hour. This translates to energy cost savings of \$7.2/h for the electric loader—a reduction of nearly 67%—substantially lowering the user's energy expenses.



up to **70%** reduction in operation costs over 5 years

up to **50%** reduction in maintenance costs over 5 years



## RETURN ON INVESTMENT

LiuGong's "shield" lithium iron phosphate (LFP) battery delivers over 3,000 cycles of service life, backed by a 5-year or 10,000-hour battery warranty. This ensures exceptional return on investment for electric loaders.



## EASY & LOW-COST MAINTENANCE

As is well known, fuel-powered loaders require regular replacement of components every 500 hours. In contrast, our electric loaders replaces engines with batteries and motors require minimal maintenance. Additionally, electric loaders feature longer service intervals for components, minimizing impacts on work scheduling.

Compared to fuel-powered loaders, electric loaders can reduce maintenance and repair costs by over 50%, significantly enhancing profitability for customers.





# 848TE

## SPECIFICATIONS >>>

**Operating weight** 18,590 kg

Operating weight includes the machine weight with standard work device, no additional equipment or accessories, full fuel tank, all fluids at required level and an operator 75 kg.

**Bucket capacity range** 2.5-5.2 m<sup>3</sup>

### POWER BATTERY

Manufacturer	LiuGong
Battery type	LFP
Power battery rated storage energy	282 kWh
Nominal voltage	614 V
Battery box protection level	IP68
Cooling method	Intelligent temperature control, liquid cooling
DC Charging	CCS2, 300 kW
Charging time (240 kW charging pile)	≤ 60 min (SOC12% - 95%)
AC Charging	Type 2, 22 kW (Optional)

### TRANSMISSION

#### Description

Transmission: LiuGong EPT700N Fixed shaft electronically controlled shift transmission and FNR. The electric proportional valve provides a smooth and continuous variation in flow ensuring fast response when shifting.

Transmission type	Fixed shaft electronically controlled shift
Maximum travel speed, fwd	40 km/h
Maximum travel speed, rev	25 km/h
Number of speed, fwd	2
Number of speed, rev	2

### HYDRAULIC SYSTEM

#### Description

System supply: One load-sensing axial piston pumps. The steering function always has priority. Valves: Double-acting 3-spool valve. The main valve is controlled by a 3-spool pilot valve. Lift function: The valve has four positions: lift, hold, lower, and float. Inductive/magnetic automatic boom kick-out can be switched on and off and is adjustable to two positions: bucket at ground level and maximum reach full lifting height. Tilt function: The valve has three functions: rollback, hold and dump. Cylinders: Double-acting cylinders for all functions. Filter: Full-flow filtration through 12 micron (absolute) filter cartridge.

Main pump type	Variable displacement pump
Controls	Electric-control joystick
Main relief pressure	28 MPa
Raise	5.4 s
Dump time	2.1 s
Float down time	3.1 s
Fastest total cycle time	10.6 s
3rd function valve maximum flow	200 L/min
4th function valve maximum flow	200 L/min

### STEERING

Steering configuration	
Steering hydraulic system pressure	22 MPa
Steering hydraulic system flow	60 L/min
Steering cylinders	2
Cylinder bore	80 mm
Rod diameter	45 mm
Stroke	430 mm

### DRIVE MOTOR

Rated power	110 kW
Ambient temperature	-40-85°C
Adaptive altitude	4,500 m

### AXLES

Front and rear axle reduction ratio	18.96
Axle oscillation	±10.5°

### ELECTRICAL SYSTEM

#### Description

The central warning system includes central warning light and buzzer for the following functions: power battery fault alarm, motor fault alarm, insulation fault alarm, charger connection alarm, shutdown alarm, etc. When working, the central warning light and buzzer are used for the following functions: power battery & travel motor & hydraulic motor temperature display, battery power display, brake low pressure alarm, parking brake indicator, transmission oil pressure alarm, etc.

Voltage	DC 24 V
Batteries	2×12 V
Battery capacity at 20h rate	120 Ah
Cold cranking capacity at -18°C	850 A
Reserve capacity	224 min

### SOUND & ENVIRONMENT

Operator sound pressure level	68 dB(A)
Machine Sound Power Level	100 dB(A)
Ventilation	600 m <sup>3</sup> /h
Heating capacity	7 kW
Refrigerating capacity	14 kW

### BRAKES

#### Description

New electro-hydraulic proportional braking system	
Service brake type	Dual-circuit full hydraulic
Parking brake type	Drum
Parking brake actuation	Electric hydraulic

### CAB

#### Description

Instrumentation: All important information is centrally located in the central instrument panel and operator's field of vision. Large curved front window glass and rear mirrors ensure great visibility. Adjustable steering column, high back seat, armrest box and A/C with all-around air outlets are provided as standard. Pressurized cab with lower interior noise. The cab is tested and approved according to ROPS (ISO 3471), FOPS (ISO 3449).

### DIMENSIONS

E Ground clearance	388 mm
G Wheel base	3,290 mm
H Height to top of cab	3,450 mm
J Tread width	2,150 mm
K Width over tires	2,670 mm
L Overall length	8,335 mm
M Steering angle, Either Side	40°
P Departure angle	28°
R1 Turning radius, Bucket carry	6,651 mm
R2 Turning radius, Center of tire	6,072 mm
W Width over bucket	2,920 mm

### SERVICE CAPACITY

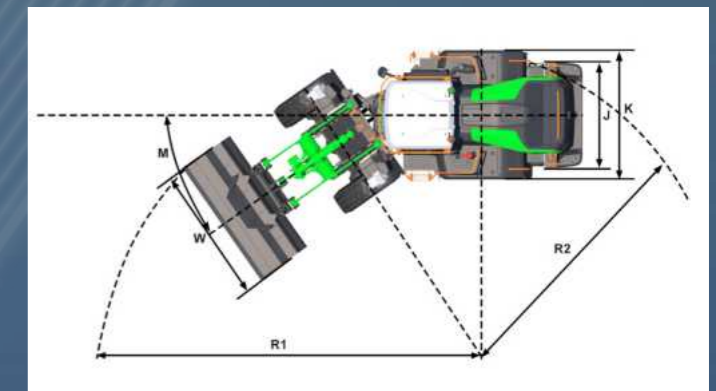
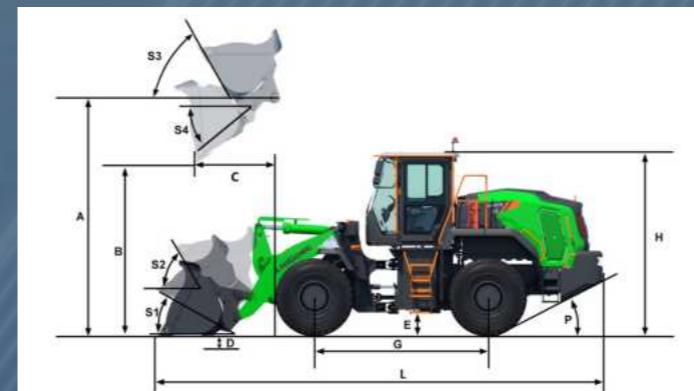
Cooling system	65 L
Hydraulic system oil	165 L
Transmission oil	16.5 L
Axle oil front/rear	50/48 L

### STANDARD LIFT LOADER ARM PERFORMANCE with Standard bucket at 2.7 m<sup>3</sup> (qc) with bolt-on cutting edge and operating weight at 18,590 kg.

Tipping load at maximum reach, straight	13,030 kg
Tipping load at maximum reach, articulated	11,370 kg
Bucket breakout force	144 kN
Height to hinge pin, fully raised	3,998 mm
Dump height	2,778 mm
Reach, fully raised	1,186 mm
Digging depth	109 mm
S1 Maximum rollback at ground	43°
S2 Maximum rollback at carry position	48°
S3 Maximum rollback fully raised	62°
S4 Dump angle	45°

### TIRES



Tire model	20.5R25 ★ /L-3
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**TIRES**

Choosing the right tyres for your machine will become a key competitive advantage to achieve outstanding performance. Through close engineering and development cooperation with renowned and carefully selected suppliers, LiuGong can offer full range of tyres specially tailored for wheel loader.

Code	Application	Patterns	Size	PR / *	Tube Type	Width	Overall Diameter	Tread Depth	Load Capacity
<b>L3</b>	<ul style="list-style-type: none"> <li>In sand operation</li> <li>In all kind of load/carry operation</li> <li>The L3-tread is not as open as L2 and has consequently less self-cleansing compared with an L2 tyre</li> </ul>		20.5R25	*	TL	520 mm	1,490 mm	28.5 mm	5,600 kg / 9,500 kg (50 km/h /10 km/h)
<b>Solid Tire</b>	<ul style="list-style-type: none"> <li>Safe,durable,puncture-resistant, economical, maintenance-free,easy to operate</li> <li>In generally smooth roads, short distance operation</li> </ul>		20.5-25	/	Solid Tire	530 mm	1,490 mm	/	9,900 kg (10 km/h)

Note: The radial tire-load bearing capacity is indicated by the number of stars (\*). More stars, greater radial tire-load bearing capacity. For the specific radial tire sizes listed in the table above, 2 stars (\*\*) represents the maximum radial tire-load bearing capacity.

Tires	Operating Weight, kg	Tipping Load- Full Turn, kg	
		Standard Arm	Long Arm
<b>L3</b>	-	-	-
<b>Solid Tire</b>	+2,632	+2,220	+1,434

**ATTACHMENTS**

LiuGong attachments with pin-on or quick-coupler ensure high quality as the machine. Integrated design of the whole system makes a perfect match to achieve the superior productivity. For more information on other available attachments, please contact your LiuGong dealer for details.

848TE	Type		2.5 m <sup>3</sup> bucket (BOCE)	2.7 m <sup>3</sup> bucket (BOCE)	2.7 m <sup>3</sup> bucket (BOT,BOS)
<b>Bucket</b>	<b>Bucket Capacity</b>	m <sup>3</sup>	2.5	2.7	2.7
	<b>Bucket Type</b>	/	GP	GP	GP
	<b>Bucket Mounting</b>	/	PIN-ON	PIN-ON	PIN-ON
	<b>GET Type</b>	/	BOCE	BOCE	BOT,BOS
	<b>Bucket Weight</b>	kg	1,360	1,465	1,481

<b>Standard Arm</b>	<b>Operating Weight</b>	kg	18,145	18,250	18,266
	<b>Breakout Force</b>	kN	162	162	162
	<b>Tipping Load - Straight</b>	kg	14,596	14,476	14,445
	<b>Tipping Load - Full Turn</b>	kg	12,157	12,038	12,008
	<b>Max.Bucket Hinge Pin Height</b>	mm	3,998	3,998	3,998
	<b>Dump Clearance</b>	mm	2,893	2,893	2,895
	<b>Dump Reach</b>	mm	1,074	1,074	1,072
	<b>Overall Length</b>	mm	8,172	8,172	8,329
	<b>Overall Width</b>	mm	2,720	2,920	2,970
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,501	6,601	6,668

<b>Long Arm</b>	<b>Operating Weight</b>	kg	18,267	18,372	18,388
	<b>Breakout Force</b>	kN	146	145	145
	<b>Tipping Load - Straight</b>	kg	12,623	12,505	12,479
	<b>Tipping Load - Full Turn</b>	kg	10,467	10,349	10,324
	<b>Max.Bucket Hinge Pin Height</b>	mm	4,393	4,393	4,393
	<b>Dump Clearance</b>	mm	3,288	3,288	3,289
	<b>Dump Reach</b>	mm	1,061	1,061	1,060
	<b>Overall Length</b>	mm	8,526	8,526	8,682
	<b>Overall Width</b>	mm	2,720	2,920	2,970
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,643	6,741	6,811



**ATTACHMENTS**

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848TE	Type		2.5 m <sup>3</sup> bucket (QC, BOT,BOS)	2.7 m <sup>3</sup> bucket (QC, BOCE)	3.0 m <sup>3</sup> bucket (QC, BOCE)
<b>Bucket</b>	<b>Bucket Capacity</b>	m <sup>3</sup>	2.5	2.7	3
	<b>Bucket Type</b>	/	GP	GP	GP
	<b>Bucket Mounting</b>	/	QC	QC	QC
	<b>GET Type</b>	/	BOT, BOS	BOCE	BOCE
	<b>Bucket Weight</b>	kg	1,265	1,332	1,397
<b>Standard Arm</b>	<b>Operating Weight</b>	kg	18,524	18,591	18,656
	<b>Breakout Force</b>	kN	139	138	124
	<b>Tipping Load - Straight</b>	kg	13,359	13,300	13,069
	<b>Tipping Load - Full Turn</b>	kg	11,061	11,000	10,795
	<b>Max. Bucket Hinge Pin Height</b>	mm	3,998	3,998	3,998
	<b>Dump Clearance</b>	mm	2,778	2,778	2,679
	<b>Dump Reach</b>	mm	1,186	1,186	1,285
	<b>Overall Length</b>	mm	8,493	8,335	8,475
	<b>Overall Width</b>	mm	2,750	2,920	2,920
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,616	6,646	6,686
<b>Long Arm</b>	<b>Operating Weight</b>	kg	18,646	18,713	18,778
	<b>Breakout Force</b>	kN	124	124	111
	<b>Tipping Load - Straight</b>	kg	11,602	11,535	11,346
	<b>Tipping Load - Full Turn</b>	kg	9,553	9,486	9,315
	<b>Max. Bucket Hinge Pin Height</b>	mm	4,393	4,393	4,393
	<b>Dump Clearance</b>	mm	3,172	3,172	3,073
	<b>Dump Reach</b>	mm	1,174	1,174	1,273
	<b>Overall Length</b>	mm	8,846	8,689	8,829
	<b>Overall Width</b>	mm	2,750	2,920	2,920
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,765	6,789	6,832

**ATTACHMENTS**

LiuGong attachments with pin-on or quick-coupler ensure high quality as the machine. Integrated design of the whole system makes a perfect match to achieve the superior productivity. For more information on other available attachments, please contact your LiuGong dealer for details.

848TE	Type		2.7 m <sup>3</sup> bucket (QC, BOT,BOS)	3.2 m <sup>3</sup> bucket (QC, BOCE)	5.2 m <sup>3</sup> High Dump bucket
<b>Bucket</b>	<b>Bucket Capacity</b>	m <sup>3</sup>	2.7	3.2	5.2
	<b>Bucket Type</b>	/	GP	GP	GP
	<b>Bucket Mounting</b>	/	QC	QC	QC
	<b>GET Type</b>	/	BOT,BOS	BOCE	BOCE
	<b>Bucket Weight</b>	kg	1,349	1,471	2,702
<b>Standard Arm</b>	<b>Operating Weight</b>	kg	18,608	18,730	19,961
	<b>Breakout Force</b>	kN	138	123	80
	<b>Tipping Load - Straight</b>	kg	13,265	12,763	11,244
	<b>Tipping Load - Full Turn</b>	kg	10,967	10,526	9,027
	<b>Max. Bucket Hinge Pin Height</b>	mm	3,998	3,998	3,998
	<b>Dump Clearance</b>	mm	2,778	2,655	4,830
	<b>Dump Reach</b>	mm	1,186	1,257	1,786
	<b>Overall Length</b>	mm	8,493	8,499	9,011
	<b>Overall Width</b>	mm	2,970	2,920	3,160
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,715	6,697	6,958
<b>Long Arm</b>	<b>Operating Weight</b>	kg	18,730	18,852	20,083
	<b>Breakout Force</b>	kN	124	110	70
	<b>Tipping Load - Straight</b>	kg	11,509	11,102	9,691
	<b>Tipping Load - Full Turn</b>	kg	9,460	9,099	7,694
	<b>Max. Bucket Hinge Pin Height</b>	mm	4,393	4,393	4,393
	<b>Dump Clearance</b>	mm	3,172	3,049	5,111
	<b>Dump Reach</b>	mm	1,174	1,245	1,838
	<b>Overall Length</b>	mm	8,846	8,849	9,362
	<b>Overall Width</b>	mm	2,970	2,920	3,160
	<b>Overall Height</b>	mm	3,447	3,447	3,447
	<b>Turning Radius, Outside of Bucket</b>	mm	6,862	6,844	7,112

# STANDARD EQUIPMENT

## POWER SYSTEM

- Electric
- LiuGong SHIELD battery
- Electronic controlled fan with automatically speed adjustment, and auto reversing functions
- Weiteli motor
- Inovance controller

## TRANSMISSION

- EPT700N transmission
- Electric control transmission

## AXLE

- LiuGong wet axle H
- Front hydraulic differential lock & rear open
- Full hydraulic braking

## HYDRAULIC SYSTEM

- Variable displacement
- 3-spool main valve
- Single electric-control joystick
- FNR
- Ride control system

## STEERING SYSTEM

- Emergency steering system

## TIRE & RIM

- Radial tire
- 20.5R25 ★ L-3

## OPERATOR STATION

- Dedusting A/C
- FOPS&ROPS cab
- Button start
- Automatic centralized lubrication
- Air suspension electric-heated ventilated seat
- Seat belt indicators
- T-BOX
- Electrically adjustable electric heated rearview mirror
- Rear defroster
- Rear wiper
- Sun visor
- Sound system
- Rotating beacon light
- four-way adjustable steering column
- Four-way adjustable console
- 3 points seatbelt
- 360-degree panoramic warning system
- Auto leveling
- Digital display
- LiuGong electronic weighing
- OTA
- Remote reservation
- Boom supporting brackets
- Parking wedge
- Neutral gear start protection
- Back alarm with white noise
- License plate light
- Additional work light

- LED lights
- Orange back light
- Electric lift rear hood
- With guardrail and mudguard
- Full fender
- Idle stop
- Translation lifting
- Graphic decal
- Transmission cooler

## PROTECTIVE DEVICE

- Chassis guard
- Light protective guard

# OPTIONAL EQUIPMENT

## HYDRAULIC SYSTEM

- 4-spool main valve
- Triple electric-control joysticks
- 4 proportional joysticks
- Load holding valve

## STEERING SYSTEM

- Joystick steering

## TIRE & RIM

- Solid tire

## OPERATOR STATION

- Deodorizing A/C
- Radar
- Auto loading
- Rear bumper
- Blue back light

- Tire pressure monitoring
- External power supply
- Universal key
- Emergency stop

## ATTACHMENTS

- Electronic quick coupler
- Rock bucket
- General bucket

## PROTECTIVE DEVICE

- Iron top cover
- Protection guard of cab

## OTHERS

- Garbage condition package
- Anti-corrosion coating
- Long-life hydraulic oil
- 22 kW Bi-Directional On Board Chargeran option

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.



# A TEAM YOU CAN TRUST

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