



838TE

BATTERY TYPE	LFP
RATED BATTERY ENERGY	193 kWh
OPERATING WEIGHT	14,600 kg
STANDARD BUCKET SIZE	1.9 m ³
STANDARD BREAKOUT FORCE	115 kN
STANDARD DUMP CLEARANCE	2,804 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 CO₂ by over

50 MILLION

 ton

BETTER ECONOMY

Running costs can be reduced by up to

50%

compared with diesel alternative

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



LiuGong provides BEV products to customers all over the world, and has reduced CO₂ emissions by over

365,000

 ton



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

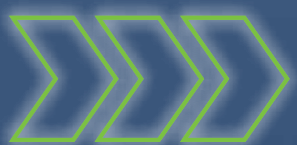


HYBRID TRACTORS



TELESCOPIC HANDLERS

LET'S MEET THE GREEN 838TE



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



NEW 838TE

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, 838TE is powered by a 193 kWh large capacity lithium iron phosphate battery.

- Intelligent battery management system
- 6-8 hour working time capacity
- 65-minute charging time (160 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



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



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

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 IP68 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

838TE is powered by a 193 kWh large capacity lithium iron phosphate battery.

- 6-8 hour working time capacity
- 65-minute charging time (160 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

160 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.

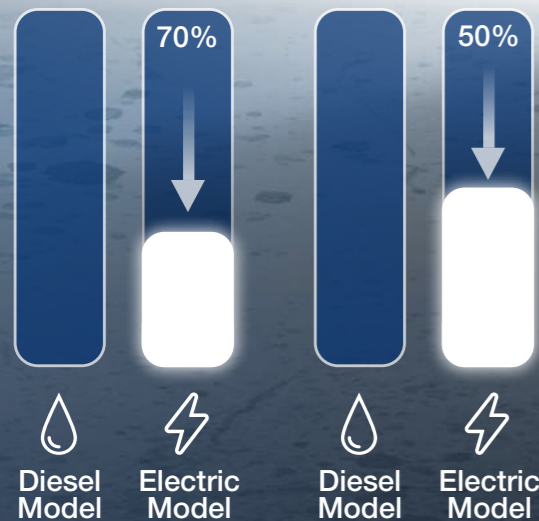


CHANGE FOR BETTER RETURN ON INVESTMENT



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 3-ton fuel-powered loader operating on a farm consumes diesel about 8 L/h. Under the same working conditions, an electric loader is estimated to consume 24 kWh per hour. This translates to energy cost savings of \$4.8/h for the electric loader—a reduction of nearly 70%—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.





838TE

SPECIFICATIONS >>>

Operating weight	14,600 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	1.8 - 2.7 m³
------------------------------	---------------------

POWER BATTERY

Manufacturer	LiuGong
Battery type	LFP
Power battery rated storage energy	193 kWh
Nominal voltage	634 V
Battery box protection level	IP68
Cooling method	Intelligent temperature control, liquid cooling
DC Charging	CCS2, 160 kW
Charging time (160 kW charging pile)	≤ 65 min (SOC12% - 95%)
AC Charging	Type 2, 11 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	26 MPa
Raise	4.8 s
Dump time	1.1 s
Float down time	3.1 s
Fastest total cycle time	9.0 s
3rd function valve maximum flow	202 L/min
4th function valve maximum flow	202 L/min

STEERING

Steering configuration

Steering hydraulic system pressure	18 MPa (2,611 psi)
Steering hydraulic system flow	60 L/min (15.9 gal/min)
Steering cylinders	2
Cylinder bore	80 mm
Rod diameter	45 mm
Stroke	420 mm

DRIVE MOTOR

Rated power	80 kW
Ambient temperature	-40 - 85°C
Adaptive altitude	4,500 m

AXLES

Front and rear axle reduction ratio	20.148
Axle oscillation	±9°

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 m³/h
Heating capacity	7 kW
Refrigerating capacity	11 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	378 mm
G Wheel base	3,020 mm
H Height to top of cab	3,350 mm
J Tread width	1,950 mm
K Width over tires	2,470 mm
L Overall length	7,393 mm
M Steering angle, Either Side	40°
P Departure angle	28°
R1 Turning radius, Bucket carry	6,072 mm
R2 Turning radius, Center of tire	5,288 mm
W Width over bucket	2,470 mm

SERVICE CAPACITY

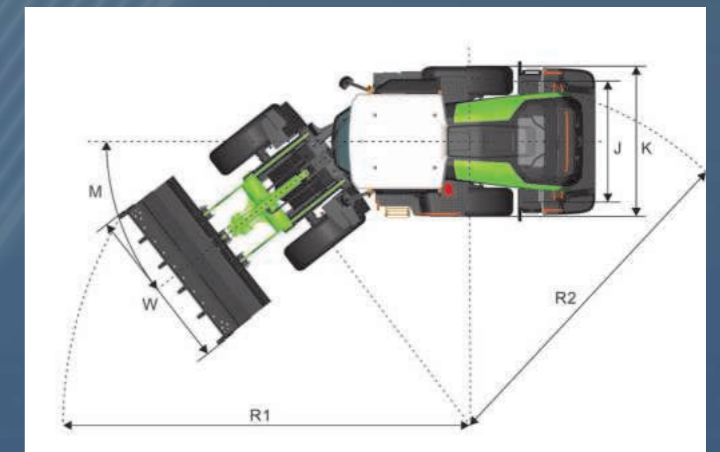
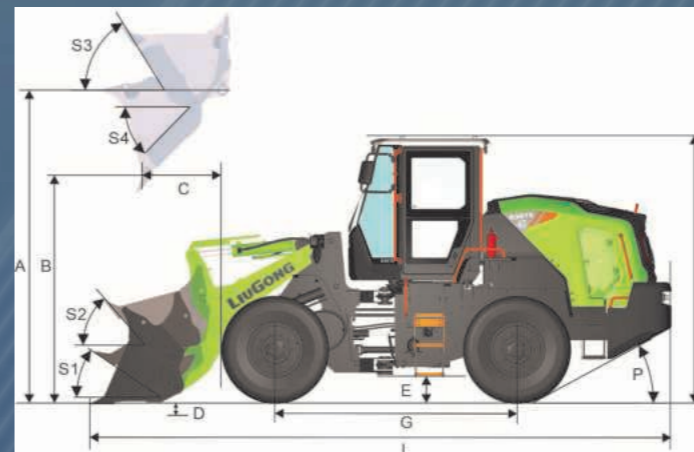
Cooling system	50 L
Hydraulic system oil	140 L
Transmission oil	16.5 L
Axle oil front/rear	33 / 38 L

STANDARD LIFT LOADER ARM PERFORMANCE WITH STANDARD BUCKET AT 1.9 m³ (QC) WITH BOLT-ON CUTTING EDGE AND OPERATING WEIGHT AT 14,600 kg.

Tipping load at maximum reach, straight	10,858 kg
Tipping load at maximum reach, articulated	9,594 kg
Bucket breakout force	115 kN
Height to hinge pin, fully raised	3,860 mm
Dump height	2,804 mm
Reach, fully raised	1,154 mm
Digging depth	83 mm
S1 Maximum rollback at ground	40°
S2 Maximum rollback at carry position	48°
S3 Maximum rollback fully raised	54.5°
S4 Dump angle	45°

TIRES




Tire model	20.5R25 ★ /L-3
------------	----------------





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
L3	<ul style="list-style-type: none"> In sand operation In all kind of load/carry operation The L3-tread is not as open as L2 and has consequently less self-cleansing compared with an L2 tyre 		20.5R25	*	TL	520 mm	1,490 mm	28.5 mm	5,600 kg / 9,500 kg (50 km/h /10 km/h)
Snow tire	<ul style="list-style-type: none"> Snow pattern with good traction and wear-resistance 		20.5R25	**	TL	533 mm	1,498 mm	31 mm	7,300 kg / 11,500 kg (50 km/h /10 km/h)
Solid Tire	<ul style="list-style-type: none"> Safe, durable, puncture-resistant, economical, maintenance-free, easy to operate In generally smooth roads, short distance operation 		20.5-25	/	/	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
L3	-	-	-
Snow tire	-24	-15	-15
Solid Tire	+2,716	+1,632	+1,633

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.

838TE	193 kWh, L3 Tires	1.8 m³ Bucket (BOCE)	2.3 m³ Bucket (BOT)	2.3 m³ Bucket (BOCE)	2.7 m³ Bucket (BOCE)	
Bucket	Bucket Capacity	m³	1.8	2.3	2.3	2.7
	Bucket Type	/	GP	GP	GP	GP
	Bucket Mounting	/	PIN-ON	PIN-ON	PIN-ON	PIN-ON
	GET Type	/	BOCE	BOT	BOCE	BOCE
	Bucket Weight	kg	862	966	952	1,027
Standard Arm	Operating Weight	kg	14,232	14,336	14,322	14,397
	Breakout Force	kN	146	104	115	114
	Tipping Load - Straight	kg	12,254	11,959	11,902	11,730
	Tipping Load - Full Turn	kg	10,873	10,598	10,552	10,387
	Max.Bucket Hinge Pin Height	mm	3,860	3,860	3,860	3,860
	Dump Clearance	mm	3,006	2,746	2,857	2,817
	Dump Reach	mm	1,045	1,289	1,219	1,189
	Overall Length	mm	7,140	7,507	7,518	7,406
	Overall Width	mm	2,470	2,470	2,500	2,700
	Overall Height	mm	3,350	3,350	3,350	3,350
	Turning Radius, Outside of Bucket	mm	5,978	6,075	6,096	6,159
Long Arm	Operating Weight	kg	14,266	14,370	14,356	14,431
	Breakout Force	kN	142	101	112	111
	Tipping Load - Straight	kg	11,675	11,415	11,369	11,209
	Tipping Load - Full Turn	kg	10,352	10,108	10,072	9,917
	Max.Bucket Hinge Pin Height	mm	4,071	4,071	4,071	4,071
	Dump Clearance	mm	3,217	2,957	3,068	3,028
	Dump Reach	mm	982	1,226	1,156	1,126
	Overall Length	mm	7,284	7,650	7,662	7,548
	Overall Width	mm	2,470	2,470	2,500	2,700
	Overall Height	mm	3,350	3,350	3,350	3,350
	Turning Radius, Outside of Bucket	mm	6,016	6,110	6,131	6,195



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.

838TE	193 kWh, L3 Tires		1.8 m³ bucket (QC, BOT)	1.9 m³ Bucket (QC, BOCE)
Bucket	Bucket Capacity	m³	1.8	1.9
	Bucket Type	/	GP	GP
	Bucket Mounting	/	QC	QC
	GET Type	/	BOT	BOCE
	Bucket Weight	kg	804	882
Standard Arm	Operating Weight	kg	14,523	14,600
	Breakout Force	kN	121	115
	Tipping Load - Straight	kg	11,004	10,858
	Tipping Load - Full Turn	kg	9,735	9,594
	Max. Bucket Hinge Pin Height	mm	3,860	3,860
	Dump Clearance	mm	2,855	2,802
	Dump Reach	mm	1,143	1,157
	Overall Length	mm	7,518	7,425
	Overall Width	mm	2,500	2,470
	Overall Height	mm	3,350	3,350
	Turning Radius, Outside of Bucket	mm	6,099	6,055
Long Arm	Operating Weight	kg	14,557	14,634
	Breakout Force	kN	117	111
	Tipping Load - Straight	kg	10,549	10,410
	Tipping Load - Full Turn	kg	9,323	9,190
	Max. Bucket Hinge Pin Height	mm	4,071	4,071
	Dump Clearance	mm	3,066	3,013
	Dump Reach	mm	1,080	1,094
	Overall Length	mm	7,657	7,564
	Overall Width	mm	2,500	2,470
	Overall Height	mm	3,350	3,350
	Turning Radius, Outside of Bucket	mm	6,135	6,092

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.

838TE	193 kWh, L3 Tires		2.1 m³ bucket (QC, BOT)	2.1 m³ bucket (QC, BOCE)	2.3 m³ bucket (QC, BOCE)
Bucket	Bucket Capacity	m³	2.1	2.1	2.3
	Bucket Type	/	GP	GP	GP
	Bucket Mounting	/	QC	QC	QC
	GET Type	/	BOT	BOCE	BOCE
	Bucket Weight	kg	918	976	918
Standard Arm	Operating Weight	kg	14,636	14,651	14,718
	Breakout Force	kN	107	115	106
	Tipping Load - Straight	kg	10,789	10,865	10,643
	Tipping Load - Full Turn	kg	9,531	9,595	9,389
	Max. Bucket Hinge Pin Height	mm	3,860	3,860	3,860
	Dump Clearance	mm	2,754	2,802	2,754
	Dump Reach	mm	1,226	1,157	1,226
	Overall Length	mm	7,659	7,425	7,659
	Overall Width	mm	2,740	2,700	2,740
	Overall Height	mm	3,350	3,350	3,350
	Turning Radius, Outside of Bucket	mm	6,248	6,165	6,248
Long Arm	Operating Weight	kg	14,670	14,685	14,752
	Breakout Force	kN	103	111	103
	Tipping Load - Straight	kg	10,360	10,415	10,218
	Tipping Load - Full Turn	kg	9,143	9,188	9,005
	Max. Bucket Hinge Pin Height	mm	4,071	4,071	4,071
	Dump Clearance	mm	2,965	3,013	2,965
	Dump Reach	mm	1,163	1,094	1,163
	Overall Length	mm	7,798	7,564	7,798
	Overall Width	mm	2,740	2,700	2,740
	Overall Height	mm	3,350	3,350	3,350
	Turning Radius, Outside of Bucket	mm	6,283	6,202	6,283

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
- Single electric-control joystick
- 3-spool main valve
- 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
- T-BOX
- Electrically adjustable electrically heated rearview mirror
- Rear defroster
- Rear wiper
- Sun visor
- DAB radio
- 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
- Installation of working lightsAdditional work light

LED lights

- LED lights
- Orange back light
- Electric lift rear hood
- With guardrail and mudguard
- Full fender
- Idle stop
- Translation lifting
- Graphic decal
- Transmission cooler
- Reverse 2nd gear

PROTECTIVE DEVICE

- Chassis guard
- Light protective guard

OPTIONAL EQUIPMENT

AXLE

- LiuGong wet axle L

HYDRAULIC SYSTEM

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

STEERING SYSTEM

- Joystick steering

TIRE & RIM

- Solid tire

OPERATOR STATION

- Deodorizing A/C
- Large distance radiator
- 3-inch Seatbelt

OTHERS

- Radar
- Auto loading
- Rear bumper
- Backup alarm
- Blue back light
- Tire pressure monitoring
- 24 V external power supply
- 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
- 11 kW Bi-Directional On Board Charger





A TEAM YOU CAN TRUST

 TALK TO US TODAY

T: +86 772 3886124
E: overseas@liugong.com
www.liugong.com

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

LG-PB-838TE-A4-24P-032026-ENG



The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi LiuGong Group Co., Ltd. are used by Guangxi LiuGong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Equipment and options varies by regional availability.