



870T WHEEL LOADER

T-SERIES

Engine	Cummins L9
Max. Gross Power	210 kW
Operating Weight	23,778 - 27,442 kg
Bucket Capacities	3.0 - 7.0 m ³



TOUGH WORLD. TOUGH EQUIPMENT.

CUSTOMER DRIVEN DESIGN...

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 870T, part of our advanced T-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first wheel loader in 1966, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our 870T.



**POWER &
EFFICIENCY**



**TOUGHNESS &
DURABILITY**



**SAFETY &
VISIBILITY**



**UPTIME &
MAINTENANCE**



**INTELLIGENCE
& CONTROL**



**COMFORT &
ERGONOMICS**

THIS IS LIUGONG



65+
YEARS
EST 1958



30+
PRODUCT LINES



12
GLOBAL R&D CENTERS



30+
GLOBAL
OFFICES



16,000+
EMPLOYEES



20+
GLOBAL MANUFACTURING
FACILITIES

A RANGE YOU CAN TRUST.

From construction, aggregates, mixing plant, coal mines and industrial, you can trust the 870T to deliver. With the power, performance and adaptability you need to take on the toughest challenges, our T-Series machines won't let you down.



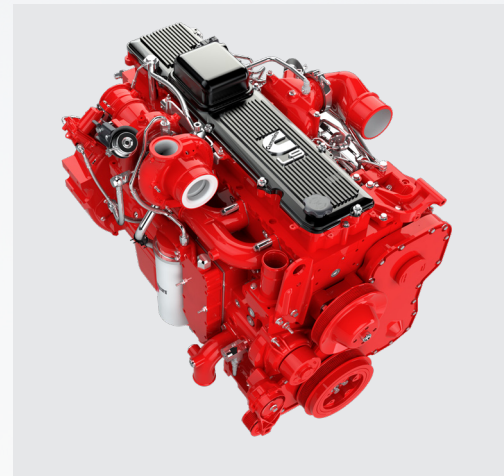
LET'S TAKE A CLOSER LOOK...



POWER THAT DRIVES PRODUCTIVITY

Advanced power shift transmission and intelligent fuel management system deliver uncompromised power with enhanced efficiency.

- ▶ Cummins L9 EU Stage V engine delivers robust power and superior fuel economy.
- ▶ Programmable auto-idle shutdown feature reduces fuel consumption during idle periods.
- ▶ ZF powershift provides faster acceleration and faster cycle times.
- ▶ Close-center, variable-displacement hydraulic system ensures optimum performance, minimizing energy loss while boosting fuel efficiency and productivity.
- ▶ Automatic temperature-controlled, reversible hydraulic fan adjusts its speed based on ambient temperature and cooling demand, improving engine efficiency and reducing fuel consumption.



TOUGHER BY DESIGN

Engineered for extreme conditions, 870T's heavy-duty components maximize reliability and extend machine life.

- ▶ LiuGong heavy-duty wet axle with limited-slip differentials is engineered to handle heavy loads with ease even on the most rugged terrain.
- ▶ Highly durable chassis frame is built tough and rigorously tested to withstand the most extreme environments.
- ▶ Reinforced boom structure provides enhanced durability for heavy-duty operations.
- ▶ High-strength bucket delivers powerful performance and an extended service life.



ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

- ▶ 120° front visibility provides excellent field of view to the front of machine.
- ▶ All-round lighting delivers exceptional visibility for night operations and low-light conditions.
- ▶ Electric adjustable external rearview mirrors with integrated blind spot mirrors ensure optimal side and rear visibility in any job site conditions.
- ▶ Full LED work lights are standard-fitted for enhanced night-time visibility.
- ▶ 360° panoramic view system provides operators with a real-time, all-around view of surroundings, eliminating blind spots.
- ▶ Ergonomically-designed orange steps and handrails safeguard the operator during access, exit and maintenance.



BUILT TO LAST, EASY TO MAINTAIN

To maximize your productive hours, we've made the New 870T even easier to maintain and surrounded it with service back-up and support to make every productive second count.

- ▶ Electric lift tilt-back engine hood provides quick and easy access to both the engine compartment and routine service points for easy maintenance.
- ▶ Centralized greasing system extends bearing life and reduces maintenance time and costs by delivering precise amounts of grease to each bearing at regular intervals.
- ▶ Fluid drains provide environmentally friendly drainage capability and are grouped together for convenient serviceability.
- ▶ Under hood lights facilitate component inspection and maintenance in low-light conditions.
- ▶ Battery master switch is optimally positioned below the cab access ladder for easy operation when entering or exiting the cab.
- ▶ Easy to replace cab filters accessed via secondary access steps.



INTELLIGENT PERFORMANCE, DESIGNED TO WORK SMARTER

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- ▶ Graphical display integrated multiple functions and parameter settings facilitates the machine to handle various applications.
- ▶ Automatic boom height kick-out and bucket leveling can be easily activated with a single touch in the cab.
- ▶ Electric quick coupler enables operators to change attachments in seconds from the cab, enhancing safety and productivity.
- ▶ One-touch engine start/stop allows for effortless operation with a single touch.
- ▶ LiuGong payload system delivers real-time load measurement, optimizing operational efficiency for optimal haulage cost control.



BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- ▶ Pressurized, ROPS/FOPS certified cab is spacious, quiet, and engineered for all-day comfort with ergonomic, intuitive controls.
- ▶ Full LCD instrument panel features a precise, intuitive interface, and user-friendly design, ensuring that all critical parameters are clearly visible at a glance.
- ▶ Advanced climate control system with 12 all-around vents and intelligent temperature control ensures an optimal operating temperature in all conditions.
- ▶ Standard telescopic & tiltable steering column and ergonomic armrest accommodate various operating habits to reduce fatigue.
- ▶ Air suspension seat with adjustable armrests and headrest features electric heating as standard and ventilation & heating functions to further enhance comfort.



870T SPECIFICATIONS

Operating Weight	23,778 - 27,442 kg
Operating weight includes the machine weight with standard work device, no additional equipment or accessories, full fuel, DEF tank and all fluids at required level and an operator 75 kg.	
Bucket Capacity	3.0 - 7.0 m³

ENGINE	
Emission Regulation	EU Stage V
Make	Cummins
Model	L9
Engine Output - Max.Gross (SAE J1995 / ISO 14396)	210 kW @ 2,100 rpm
Engine Output - Max.Net (SAE J1349 / ISO 9249)	199 kW @ 2,100 rpm
Peak Torque	1,525 N.m @ 1,100 rpm
Displacement	8.9 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Max. Travel Speed Forward / Reverse (26.5R25 tires)	38 / 25.4 km/h
Number of Speed, fwd/rev	4 / 3

HYDRAULIC SYSTEM	
Main Pump Type	Piston
Main Relief Pressure	30 MPa
Raise	5.8 s
Dump Time	1.3 s
Float Down Time	3.5 s
Hydraulic Cycle Time	10.6 s
Controls	Joystick

AXLES	
Model	LiuGong (Wet type)-AWL700
Differential Front Type	Limited slip
Differential Rear Type	Limited slip
Axle Oscillation	±10°

STEERING	
Steering Hydraulic System Type	Flow amplifying
Steering Relief Pressure	25 Mpa
Maximum Articulation	±38°
Smallest Turn (over tires)	6,795 mm

BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic release

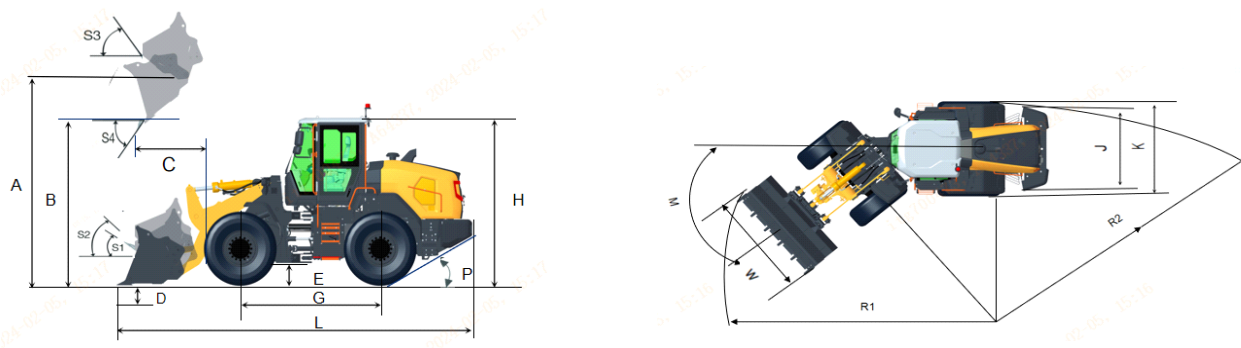
ELECTRICAL SYSTEM	
Voltage	24 V
Batteries	2X12 V
Battery Capacity	120 Ah
Cold Cranking Capacity, approx	850 CCA
Reserve Capacity	230 min
Alternator Rating	2,640 W / 110 A
Starter Motor Output	7.5 kW

SOUND & ENVIRONMENT	
Sound level in cab according to ISO 6396-2008/EN ISO 3744-1995 - Travel mode	69 dB(A)
Sound level in cab according to ISO 6396-2008/EN ISO 3744-1996 - Stationary work cycle mode	69 dB(A)
External sound level according to ISO 6395-2008- Travel mode	107 dB(A)
External sound level according to ISO 6395-2008- Stationary work cycle mode	107 dB(A)
Ventilation	9.3 m³/min
Heating capacity	7.5 kW
Air conditioning	5.3 kW

SERVICE REFILL CAPACITIES	
Fuel Tank	330 L
Engine Oil	22 L
Cooling System	35 L
Hydraulic System	270 L
Transmission and Torque Converter	35 L
DEF Tank	45 L
Axles, Front/Rear	52 L / 50 L

STANDARD LIFT LOADER ARM PERFORMANCE WITH BUCKET AT 4.2 m³ WITH BOLT-ON TEETH & SPACER AND OPERATING WEIGHT AT 24,300 kg.	
Tipping Load - Straight according to ISO 14397-1:2007	18,630 kg
Tipping Load – Full Turn according to ISO 14397-1:2007	16,120 kg
Bucket Breakout Force	186 kN
A Maximum Hinge Pin Height	4,540 mm
B Dump Clearance at Full Height Discharge	3,249 mm
C Dump Reach at Full Height Discharge	1,175 mm
D Maximum Digging Depth, Bucket Level	95 mm
S ₁ Bucket Rollback at Ground Level	44°
S ₂ Bucket Rollback at Carry	46.2°
S ₃ Bucket Rollback at Maximum Height	60.5°
S ₄ Maximum Dump Angle at Full Height	45°

STANDARD LIFT LOADER ARM DIMENSIONS	
E Ground Clearance	450 mm
G Wheelbase	3,550 mm
H Cab Height	3,460 mm
J Wheel Tread	2,280 mm
K Width Over Tires	2,980 mm
L Length with Bucket Down	9,142 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	29°
R ₁ Turning Radius, Bucket Carry	7,536 mm
R ₂ Turning Radius, Outside of Tire	6,795 mm
W Width over Bucket	3,210 mm



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	• 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		26.5R25	*	/	675 mm	1,750 mm	35 mm	15,000 kg
L4	• in sand operation • in all kind of load/carry operation • Wider and deeper tread than L3, offering better wear resistance and longer service life.		26.5R25	**	/	660 mm	1,730 mm	56 mm	+3,500 kg
L5	• in very aggressive material where good protection against cut damages is demanded, e.g. in quarries or mines		26.5R25	**	/	690 mm	1,800 mm	78.5 mm	+3,500 kg
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.									

Tire	Operating Weight, kg	Tipping Load- Full Turn, kg	
		Standard Arm	Long Arm
L3	-	-	-
L4	+ 374	+ 236	+ 216
L5	+ 800	+ 505	+ 462

Counterweight	Operating Weight, kg	Tipping Load- Full Turn, kg	
		Standard Arm	Long Arm
Standard	-	-	-
Additional	+ 474	+ 758 (QC)	+ 733 (QC)
		+ 788 (PIN-ON)	+ 759 (PIN-ON)

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.								
870T	4-Speed Transmission, L3 Tires	3.0 m³ Bucket (BOCE)	3.5 m³ Bucket (BOT)	3.7 m³ Bucket (BOCE)	3.7 m³ Bucket (BOT, BOS)	4.0 m³ Bucket (BOT)	4.2 m³ Bucket (BOCE)	
Bucket	Bucket Capacity	m³	3.0	3.5	3.7	3.7	4.0	4.2
	Bucket Type	/	GP	GP	GP	GP	GP	GP
	Bucket Mounting	/	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON
	GET Type	/	BOCE	BOT	BOCE	BOT, BOS	BOT	BOCE
	Bucket Weight	kg	1,979	1,767	1,932	1,933	2,118	2,300
Standard Arm	Operating Weight	kg	23,990	23,778	23,943	23,944	24,129	24,311
	Max. Breakout Force	kN	226	197	188	188	194	186
	Tipping Load - Straight	kg	18,890	19,026	18,806	18,802	18,839	18,591
	Tipping Load - Full Turn	kg	16,386	16,536	16,316	16,313	16,331	16,083
	Max.Bucket Hinge Pin Height	mm	4,540	4,540	4,540	4,540	4,540	4,540
	Dump Clearance	mm	3,405	3,316	3,253	3,253	3,313	3,249
	Dump Reach	mm	1,005	1,165	1,172	1,172	1,168	1,175
	Overall Length	mm	8,776	9,132	8,994	9,137	9,137	8,999
	Overall Width	mm	3,160	3,010	2,980	3,010	3,210	3,160
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,413	7,442	7,380	7,444	7,534	7,473
Long Arm	Operating Weight	kg	24,002	23,790	23,955	23,956	24,141	24,323
	Max. Breakout Force	kN	229	200	191	191	197	189
	Tipping Load - Straight	kg	17,046	17,181	16,964	16,961	16,962	16,721
	Tipping Load - Full Turn	kg	14,755	14,904	14,688	14,685	14,670	14,430
	Max.Bucket Hinge Pin Height	mm	4,882	4,882	4,882	4,882	4,882	4,882
	Dump Clearance	mm	3,747	3,659	3,595	3,595	3,655	3,591
	Dump Reach	mm	935	1,094	1,101	1,101	1,097	1,104
	Overall Length	mm	9,028	9,385	9,247	9,390	9,390	9,252
	Overall Width	mm	3,160	3,010	2,980	3,010	3,210	3,160
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,511	7,547	7,483	7,549	7,638	7,575

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870T	4-Speed Transmission, L3 Tires	4.2 m³ Bucket (BOT)	4.2 m³ Bucket (BOT, BOS)	4.5 m³ Bucket (BOT)	4.7 m³ Bucket (BOCE)	4.7 m³ Bucket (BOT,BOS)	5.0 m³ Bucket (BOT)	
Bucket	Bucket Capacity	m³	4.2	4.2	4.5	4.7	4.7	5.0
	Bucket Type	/	GP	GP	GP	GP	GP	GP
	Bucket Mounting	/	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON
	GET Type	/	BOT	BOT, BOS	BOT	BOCE	BOT, BOS	BOT
	Bucket Weight	kg	2,151	2,289	2,193	2,375	2,364	2,264
Standard Arm	Operating Weight	kg	24,162	24,300	24,204	24,386	24,375	24,275
	Max. Breakout Force	kN	187	186	179	171	171	178
	Tipping Load - Straight	kg	18,724	18,630	18,606	18,349	18,368	18,536
	Tipping Load - Full Turn	kg	16,226	16,120	16,116	15,862	15,880	16,046
	Max.Bucket Hinge Pin Height	mm	4,540	4,540	4,540	4,540	4,540	4,540
	Dump Clearance	mm	3,277	3,249	3,235	3,171	3,171	3,235
	Dump Reach	mm	1,203	1,175	1,246	1,253	1,253	1,246
	Overall Length	mm	9,187	9,142	9,247	9,109	9,252	9,247
	Overall Width	mm	3,210	3,210	3,210	3,160	3,210	3,410
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,549	7,536	7,566	7,504	7,568	7,657
Long Arm	Operating Weight	kg	24,174	24,312	24,216	24,398	24,387	24,287
	Max. Breakout Force	kN	190	189	182	174	174	181
	Tipping Load - Straight	kg	16,856	16,751	16,745	16,496	16,515	16,675
	Tipping Load - Full Turn	kg	14,573	14,458	14,470	14,223	14,240	14,399
	Max.Bucket Hinge Pin Height	mm	4,882	4,882	4,882	4,882	4,882	4,882
	Dump Clearance	mm	3,620	3,591	3,577	3,513	3,513	3,577
	Dump Reach	mm	1,133	1,104	1,175	1,182	1,182	1,175
	Overall Length	mm	9,440	9,395	9,500	9,362	9,505	9,500
	Overall Width	mm	3,210	3,210	3,210	3,160	3,210	3,410
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,653	7,640	7,672	7,608	7,674	7,761

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870T	4-Speed Transmission, L3 Tires	5.2 m³ Bucket (BOCE)	5.2 m³ Bucket (BOT,BOS)	5.5 m³ Bucket (BOT)	Rock Bucket	Rock Bucket	Slag Bucket	
Bucket	Bucket Capacity	m³	5.2	5.2	5.5	3.3	4.0	3.5
	Bucket Type	/	GP	GP	GP	GP	GP	GP
	Bucket Mounting	/	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON	PIN-ON
	GET Type	/	BOCE	BOT, BOS	BOT	BOT	BOT	BOCE
	Bucket Weight	kg	2,462	2,450	2,378	2,359	2,497	2,087
Standard Arm	Operating Weight	kg	24,473	24,461	24,389	24,370	24,508	24,098
	Max. Breakout Force	kN	171	171	172	204	189	188
	Tipping Load - Straight	kg	18,268	18,282	18,649	18,002	17,877	18,456
	Tipping Load - Full Turn	kg	15,779	15,792	16,133	15,561	15,435	15,995
	Max.Bucket Hinge Pin Height	mm	4,540	4,540	4,540	4,540	4,540	4,540
	Dump Clearance	mm	3,171	3,171	3,203	3,329	3,262	3,253
	Dump Reach	mm	1,253	1,253	1,278	1,081	1,148	1,172
	Overall Length	mm	9,109	9,252	9,292	9,040	9,135	8,994
	Overall Width	mm	3,360	3,410	3,410	3,323	3,323	2,980
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,595	7,659	7,670	7,563	7,589	7,389
Long Arm	Operating Weight	kg	24,485	24,473	24,401	24,382	24,520	24,110
	Max. Breakout Force	kN	173	173	175	207	192	190
	Tipping Load - Straight	kg	16,412	16,425	16,733	16,244	16,100	16,649
	Tipping Load - Full Turn	kg	14,137	14,150	14,438	14,006	13,863	14,396
	Max.Bucket Hinge Pin Height	mm	4,882	4,882	4,882	4,882	4,882	4,882
	Dump Clearance	mm	3,513	3,513	3,545	3,671	3,604	3,595
	Dump Reach	mm	1,182	1,182	1,207	1,010	1,078	1,101
	Overall Length	mm	9,362	9,505	9,545	9,291	9,386	9,247
	Overall Width	mm	3,360	3,410	3,410	3,323	3,323	2,980
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,698	7,764	7,775	7,664	7,693	7,491

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870T	4-Speed Transmission, L3 Tires	Light Material Bucket		Light Material Bucket
Bucket	Bucket Capacity	m³	5.8	7.2
	Bucket Type	/	GP	GP
	Bucket Mounting	/	PIN-ON	PIN-ON
	GET Type	/	BOCE	BOCE
	Bucket Weight	kg	2,576	3,113
Standard Arm	Operating Weight	kg	24,587	25,124
	Max. Breakout Force	kN	164	151
	Tipping Load - Straight	kg	18,144	17,292
	Tipping Load - Full Turn	kg	15,660	14,841
	Max.Bucket Hinge Pin Height	mm	4,540	4,540
	Dump Clearance	mm	3,139	3,065
	Dump Reach	mm	1,285	1,359
	Overall Length	mm	9,154	9,259
	Overall Width	mm	3,360	3,600
	Overall Height	mm	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,608	7,747
Long Arm	Operating Weight	kg	24,599	25,136
	Max. Breakout Force	kN	167	153
	Tipping Load - Straight	kg	16,271	15,466
	Tipping Load - Full Turn	kg	14,003	13,226
	Max.Bucket Hinge Pin Height	mm	4,882	4,882
	Dump Clearance	mm	3,482	3,407
	Dump Reach	mm	1,214	1,288
	Overall Length	mm	9,407	9,512
	Overall Width	mm	3,360	3,600
	Overall Height	mm	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,711	7,851

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870T	4-Speed Transmission, L3 Tires		3.7 m³ Bucket (QC, BOCE)	3.7m³ Bucket (QC, BOT,BOS)	4.0m³ Bucket (QC, BOT)	4.2m³ Bucket (QC, BOCE)	4.2m³ Bucket (QC, BOT,BOS)	5.0m³ Bucket (QC, BOT)
Bucket	Bucket Capacity	m³	3.7	3.7	4.0	4.2	4.2	5.0
	Bucket Type	/	GP	GP	GP	GP	GP	GP
	Bucket Mounting	/	QC	QC	QC	QC	QC	QC
	GET Type	/	BOCE	BOCE	BOT	BOCE	BOT, BOS	BOT
	Bucket Weight	kg	1,798	1,796	1,592	1,702	2,115	2,051
Standard Arm	Operating Weight	kg	24,298	24,296	24,092	24,202	24,626	24,551
	Max. Breakout Force	kN	158	158	175	168	153	149
	Tipping Load - Straight	kg	16,884	16,902	17,300	17,165	16,491	16,470
	Tipping Load - Full Turn	kg	14,594	14,610	14,994	14,858	14,209	14,205
	Max. Bucket Hinge Pin Height	mm	4,540	4,540	4,540	4,540	4,540	4,540
	Dump Clearance	mm	3,023	3,028	3,153	3,095	2,989	2,975
	Dump Reach	mm	1,265	1,270	1,207	1,220	1,267	1,338
	Overall Length	mm	9,287	9,421	9,350	9,192	9,471	9,576
	Overall Width	mm	2,980	3,010	3,210	3,160	3,210	3,410
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,476	7,537	7,607	7,536	7,647	7,768
Long Arm	Operating Weight	kg	24,310	24,308	24,104	24,214	24,638	24,563
	Max. Breakout Force	kN	161	161	177	170	156	151
	Tipping Load - Straight	kg	15,281	15,294	15,666	15,530	14,895	14,887
	Tipping Load - Full Turn	kg	13,175	13,186	13,547	13,409	12,796	12,803
	Max.Bucket Hinge Pin Height	mm	4,882	4,882	4,882	4,882	4,882	4,882
	Dump Clearance	mm	3,366	3,371	3,496	3,438	3,331	3,317
	Dump Reach	mm	1,194	1,199	1,137	1,149	1,196	1,267
	Overall Length	mm	9,534	9,669	9,597	9,440	9,717	9,823
	Overall Width	mm	2,980	3,010	3,210	3,160	3,210	3,410
	Overall Height	mm	3,460	3,460	3,460	3,460	3,460	3,460
	Turning Radius, Outside of Bucket	mm	7,585	7,648	7,715	7,642	7,757	7,879

STANDARD & OPTIONAL EQUIPMENT

ENGINE	
Cummins L9 EU Stage V Engine, output - Max. net power of 199 kW, air to-air intercooled, 6 cylinders, 4 stroke	☒
High pressure common rail	☒
Exhaust emission control	☒
Rotary air filter, fuel filter	☒
Hydraulically-driven reversible fan	☒
Grid heater	☒
Programmable auto engine idle stop	☒
Pre-fuel filter/water separator with electric fuel pump	☒
EFI (Electric Fuel Injection)	☒
ECM faults inspecting system	☒
Engine block heater	☐
Wide-fin radiator	☐
Cold start	☐
Oil bath air filter	☐

TRANSMISSION	
ZF Ergopower 4BP230 automatic power shift transmission, kick-down function, FNR, F4/R3	☒
ICCO (Intelligent Clutch Cut-Off)	☒
Transmission oil level sight gauge	☒
Secondary oil filter, sight glass	☒
Remote pressure taps for diagnostics	☒
Auto shifting mode by speed	☒
Neutral safety switch	☒
Electronic controlled parking brake	☒

LINKAGE & ATTACHMENTS	
Z-bar linkage	☒
Bolt-on cutting edge	☐
Bolt-on teeth	☐
Bolt-on teeth & spacer	☒
High lift loader arms	☐
Electric quick coupler	☒
Parallel-lift linkage	☒
Pallet forks	☐

HYDRAULIC SYSTEM	
Two piston pumps with variable displacement. Hydraulic load-sensing according to demand	☒
Electric proportional controller	☒
Third valve and multipurpose lines	☒
2-spool hydraulics for dual auxiliary function	☐
Joystick steering	☐
Easy simultaneous operating of lift & tilt	☒
Boom height kick-out	☒
Bucket positioner	☒
Plug at the port of bucket and boom cylinder for pressure check	☒
Emergency boom lower via pilot accumulator	☒
Load holding valve	☐
Thermostat	☐
Ride control	☒

TYRE & RIM	
26.5R25*/L3 radial tire	☒
Full fender	☒
See tires options	☐
Tire protective chain	☐

CHASSIS FRAME	
Spacious central articulation arrangement with conic bearing	☒
Articulation locking bar	☒
Tow hitch	☒
Rubber cushion articulation stops	☒

AXLE	
LiuGong wet front & rear axle with limited slip differentials	☒
Wet discs service brake system	☒

STEERING SYSTEM	
Load sensing system with flow amplification and steering priority	☒
Emergency steering system	☒

STANDARD & OPTIONAL EQUIPMENT

ELECTRIC SYSTEM	
Two front LED headlights with high & low beams and turn signal	☒
Four front, two rear LED headlights on top of cab	☒
Turn signals with flasher	☒
Seat belt indicator	☒
Batteries, free of maintenance	☒
24 V power outlet	☒
Electric horn	☒
License-plate bracket and light	☒
Rotating beacon / Multicolor flash light	☒
Backup alarm with white noise	☒
Front and rear windshield wiper	☒
Electric lift back-tilt hood	☒
Reversing warning light, orange/blue	☒
Bluetooth radio/player with USB port	☒

GAUGE GROUP	
Engine coolant temperature	☒
Transmission oil temperature	☒
Fuel level	☒
Hour meter	☒
Voltage	☒
DEF pump working indicator	☒

INDICATOR GROUP	
Air inlet heater	☒
Battery charging	☒
Intake air filter alert	☒
Parking brake applied	☒
Machine emergent stop	☒
Power cut-off	☒
Engine servicing	☒
Turning lights	☒
Engine starter running	☒
Beam of front light	☒

Note: ☒ for standard equipment
☐ for optional equipment

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

CAB	
FOPS (ISO 3449) and ROPS (ISO 3471) certified cab	☒
Heated and ventilated air suspension seat with 2-inch 3-point seatbelt	☒
Electric heated, adjustable rear-view mirrors	☒
One interior & dual exterior rear-view mirrors, blind spot mirrors	☒
Telescopic & tiltable steering column	☒
Large front glass	☒
Cab with silicone oil damper	☒
Cab fresh air filter	☒
One-touch engine start/stop	☒
Air conditioner	☒
Lunch-box/cooler holder	☒
Cup holder	☒
Cab rear windshield defroster	☒
Front and rear sun visors	☒
Front windshield guarding	☐
All-round lighting	☐
360° panoramic view system	☒
360° surround view with obstacle warning	☐
Graphic display	☒
Safety hammer	☒

OTHERS	
Automatic central lubrication	☒
Parking wedge	☒
Rear light protective guard	☒
Chassis guard	☒
LiuGong payload system	☒
LiuGong iLink (LiuGong Telematics System)	☒
Fire extinguisher	☒
Remote battery jump posts	☒
Auto loading	☒
Coupler ready	☒
Rear bumper	☐
Hood protective guard	☐
Additional counterweight	☐
Tire pressure monitoring	☐



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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