

Engine Cummins QSB4.5 Rated Power 90 kW (121 hp / 122 ps) @ 2,200 rpm Net Power 84.3 kW (113 hp / 115 ps) @ 2,200 rpm Maximum Dig Depth 5,470 mm Standard Bucket Capacity 0.6 m $^3$  Operating Weight 15,400 kg

## 915E EXCAVATOR



## UNBEATABLE RETURN ON YOUR INVESTMENT

LiuGong's custom quality-focused en lasting value that w bottom line.

#### **DEPENDABLE POWE**

Unmatched performance drive Cummins QSB 4.5 Tier 4 Final

#### IPC (INTELLIGENT P **CONTROL)**

IPC ensures the mechanical. e and hydraulic systems work in harmony for efficient and preci Maximizing torque outlet with r power and breakout force.

#### **AUTO-IDLE SPEED FUNCTION**

Hydraulic signals detect activit decreasing and increasing eng speed as required. Power is su only as needed, achieving opti efficiency.

#### **VERSATILITY**

Options for auxiliary hydraulic include bi-directional variable l flow lines, an additional line for attachments and also a single line. The quick coupler further you get the most out of your m easily switching between a wic attachments to suit any applica

#### **BOOM AND ARM**

Boom and arm structures are designed for long-term durability and resistance to bending and torsional stress. Large cross-sectional areas incorporate one-piece steel castings to provide improved strength and standard rock guard plates and vertical guards further protect the arm in rocky conditions.

#### **UNDERCARRIAGE**

Outstanding stability and durability come from an X-type reinforced frame and the long track beam and crawler system.

#### **REAR VIEW CAMERA**

Like an extra eye outside the machine, the optional rear view camera sends images to the in-cab colour LCD monitor, creating a safer working environment as you concentrate on the work at hand.

#### **PARTS**

Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

#### **AFTER SALES SERVICE**

As a customer of LiuGong you can feel confident that our dealers and regional offices will be there to support you with training, service and maintenance needed throughout the life of your machine.





# DESIGNED TO GET MORE DONE

The 915E is designed to **get more done** in less time, featuring a stronger boom, arm and bucket breakout force, greater hydraulic flow, higher swing speeds and improved cycle times. This excavator will power **through any task** in any terrain.

#### **POWERFUL PERFORMANCE**

The Cummins QSB4.5 engine produces net power of 84.3 kW (113 hp / 115 ps) and torque of 347 lbf-ft (470 N·m). LiuGong has harnessed this power for six working modes to the job at hand and even the least experienced operators will find they can work faster and complete more in less time

#### **OPTIMIZED HYDRAULICS**

Where intelligence meets brute force, load-sensing hydraulics direct the engine's power to ensure hydraulic pump flow continually adjusts for smooth, quick and efficient operation.

### OPERATOR FRIENDLY ENVIRONMENT

Ergonomically designed controls, clear and informative displays, increased visibility, and outstanding comfort increase operator efficiency and safety.







# **ENGINEERED FOR EFFICIENCY**

LiuGong E series excavators deliver the **perfect balance** of performance, precision and quality. The 915E model is powered by the latest generation, low emission Cummins QSB 4.5 engine, with enhanced power output, **improved breakout force** and faster cycle times.

#### A POWERFUL ENGINE

Cummins QSB4.5 engine meets strict US EPA Tier 4 Final emissions standards, delivering the greatest possible fuel economy without compromising on power.

Cummins designed integration system:

- Combustion technology
- EGR (Exhaust Gas Recirculation)system
- VGT<sup>™</sup> (Variable Geometry Turbocharger) improves boost across all engine speeds
- · Latest after treatment technology.

Together increases engine performance, improves fuel economy while reducing exhaust emissions to US EPA standards.

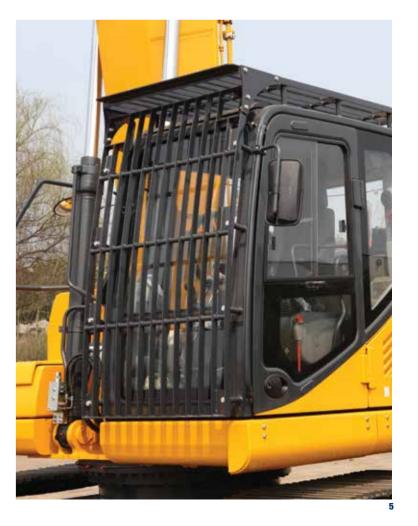
#### **SAFETY STANDARDS**

All LiuGong E-Series excavators come with certified ROPS (Roll Over Protection System) cabs meeting ISO safety standards. LiuGong offers FOPS (Falling Object Protection System) as an option on all E-series excavators.

### ALL AROUND VISION FEATURES

LiuGong E-Series cabs have seven percent larger glass surface area compared to our D-Series cab. Combined with standard rear view camera gives the operator a panoramic view. Optional LED work lights provides clearer line of sight on job sites.







# ALL AROUND COMFORT

In the 915E cab, you are working in complete comfort with outstanding visibility all around. We understand how operators like to work and have designed the cab for **maximum comfort** and ultimate productivity.

#### AT HOME IN THE CAB

The 915E series cab is ROPS ISO 12117-2 certified mounted on dampener silicone to absorb noise and vibration. Wide spacious cab door swings full open to lock position. Front windshield slides up into ceiling, removable lower window, large roof skylight with sun screen.

### ADVANCED CLIMATE CONTROL

Pressurized cab, advanced climate control system and front windshield defrost allow all year around operating comfort in any environment. Air is circulating through cab by ten outlets to improve air circulation.

### ADJUSTABLE SEAT AND JOYSTICK CONSOLE

The adjustable seat and joystick console move independently to accommodate the operator. Increased spacing between the armrest and nine different seat adjustments allow the operator more options to all foot and hand controls for maximum comfort.





## ALWAYS STRONG ALWAYS RELIABLE

The use of thick, high-tensile steel components, internal baffling and stress-relieved plates, make the structures on LiuGong E-series excavators tough and durable.

We guarantee the **quality and reliability** of our machines throughout the manufacturing process by conducting stringent tests and ultrasound inspections that detect defects well before they make it into production.





#### **UNDERCARRIAGE**

The high-strength undercarriage of the 915E incorporates a welded X-frame construction for long life durability and is designed to perform in the most challenging applications.

A long track beam and crawler system provides greater stability when using attachments for digging and truck loading. The result is outstanding strength and durability.

#### **BOOM & ARM**

The boom and arm structures are designed with large cross-sectional supports and incorporates one-piece steel castings. This solid engineering guarantees long-term durability and high resistance to bending and torsional stress. Standard rock-guard plates and vertical guards protect the arm in rocky digging conditions and tough environments.

#### **UPPER STRUCTURE**

The upper structure is strongly reinforced by the use of an H-beam in the high cross section of the main structure providing even weight distribution and increasing stability.

The platform's collision protection system has been welded into place to improve its strength, rigidity and overall service life.





## MONITORING & SERVICING MADE EASY PERFORMANCE

Liugong's New Display Interface can bring to the operator's attention more features than ever before.



#### **ON BOARD MONITORING**

Liugong's new on board monitoring LCD display interface with audible sound alerts the operator to low fluid levels, high level machine warnings, and when maintenance service is needed. When fuel level is low, or DEF (Diesel Exhaust Fluid) is low, a text warning will appear where date and time is located on monitor. In addition, an audible buzz will sound to alert the operator to what action is needed. If this is a low-level fault, then the buzz sound can be cancelled.



#### **TRAVEL CAMERA STANDARD**

When travelling in forward or reverse the display changes to a camera monitor. A camera mounted on rear of counterweight gives the operator an excellent view of what is behind the counterweight. This function can be accessed anytime by pressing the F3 switch.



#### **MAINTENANCE MENU INTERFACE OPERATION**

With easy access to the maintenance menu through our monitor, the operator can confirm which items should be checked daily 8 hour, weekly 50 hour, and bi-weekly 100 hour.

Here also you can easily track the various maintenance parameters of your machine to confirm your excavator is receiving the proper care which will extend the life of your machine.

# PART OF YOUR

No matter where you are in the world, we can ensure fast and efficient parts support to keep your going.



We know that what vou want is to be confidence in your machinery. So we make sure we can always get what you need without delay. without fail, without excuses. Anywhere, and at any time. That's more than our goal. That's our pledge.

#### **READY FOR ANY JOB**

To ensure increased versatility on any job site, LiuGong provides a range of purpose designed attachments, hitches and tools for your 915E. In-cab dial-in hydraulic flow settings through the display screen optimizes the performance of your attachment.







**BUCKETS** 

**OUICK COUPLER** 

**BREAKER** 



## **SPECIFICATIONS**

#### Operating weight 15,400 kg

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.

BUCKET CAPACITY 0.6 M<sup>3</sup>

#### Description

Cummins EPA Tier 4 final / EU Stage IV, 4-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection. Air cleaner: Cummins direct flow air filter. Cooling system: Air-to-air intercooler

Emission rating	EPA Tier 4 Final / EU Stage IV
Engine manufacturer	Cummins
Engine model	QSB 4.5
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	After cooler
Cooling fan drive	Viscous clutch
Displacement	4.5 L
Rated speed	2,200 rpm
Engine output - net (SAE J1349 / ISO 9249)	84.3 kW (113 hp / 114 ps)
Engine output - gross (SAE J1995 / ISO 14396)	90 kW (121 hp / 123 ps)
Maximum torque	470 N·m @ 1,500 rpm
Bore × Stroke	107 x 124 mm

#### **DRIVE AND BRAKES**

#### Description

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

Max. Travel speed	High: 6.0 km/h
	Low: 3.5 km/h
Gradeability	35°/70%
Max. drawbar pull	124 kN

#### **SWING SYSTEM** Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	12.94 rpm
Swing torque	36,793 N·m

#### **HYDRAULIC SYSTEM**

Bore × Stroke Bucket Cylinder -

Bore × Stroke

Main pump	
Туре	Two variable displacement piston pumps
Maximum flow	2 × 120 L/min
Pilot pump	
Туре	Gear pump
Maximum flow	19 L/min
Relief valve setting	
Implement	34.3/37 MPa
Travel circuit	34.3 MPa
Slew circuit	25 MPa
Pilot circuit	3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Ф105 × 990 mm
Stick Cylinder -	Φ115 × 1 175 mm

 $\Phi$ 115 × 1,175 mm

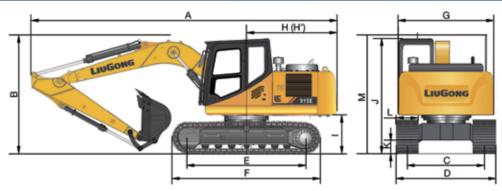
Ф95 × 885 mm

ELECTRIC SYSTEM	
System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 4.8 kW

SERVICE CAPACITIES	
Fuel tank	245 L
Engine oil	14 L
Final drive (each)	2.5 L
Swing drive	3 L
Cooling system	22 L
Hydraulic reservoir	160 L
Hydraulic system total	240 L
DEF tank	17 L

#### **SOUND PERFORMANCE** Interior Sound Power 69 dB(A) Level (ISO 6396) Exterior Sound Power 98 dB(A) Level (ISO 6395)

UNDERCARRIAGE	
Track shoe each side	46
Link pitch	175 mm
Shoe width, triple grouser	600 / 700 mm
Bottom rollers each side	7
Top rollers each side	1



DIMENSIONS				
Boom		4,600 mm		6,680 mm
Arm Options	2,100 mm	2,500 mm	2,900 mm	2,500 mm
A Shipping Length		7,750 mm		9,815 mm
B Shipping Height – Top of Boom		3,055 mm		2,930 mm
C Track Gauge		1,990 mm		1,990 mm
D Undercarriage Width - with 500 mm Shoes		2,590 mm		2,490 mm
600 mm Shoes		2,590 mm		2,590 mm
700 mm Shoes		2,690 mm		2,690 mm
E Length to Center of Rollers		3,010 mm		3,010 mm
F Track Length		3,746 mm		3,746 mm
G Overall Width of Upper Structure		2,490 mm		2,490 mm
H Tail Swing Radius		2,305 mm		2,305 mm
I Counterweight Ground Clearance		960 mm		960 mm
J Overall Height of Cab		3,055 mm		3,055 mm
K Min. Ground Clearance		430 mm		430 mm
L Track Shoe Width		600 mm		600 mm

BOOM DIMENSIONS					
Boom	4,600 mm	6,680 mm			
Length	4,760 mm	6,840 mm			
Height	1,667 mm	1,330 mm			
Width	565 mm	565 mm			
Weight	842 kg	1,153 kg			
Cylinder, piping and pin included. Boom cylinder pin excluded.					

ARM DIMENSIONS					
Arm	2,100 mm	2,500 mm	2,900 mm		
Length	2,870 mm	3,260 mm	3,659 mm		
Height	631 mm	645 mm	704 mm		
Width	370 mm	370 mm	370 mm		
Weight	487 kg	555 kg	605 kg		

Cylinder, linkage and pin included.

BUCKET SELECTION GUIDE							
						4.6 m HD Boom	
Bucket type	Capacity	<b>Cutting width</b>	Weight	Teeth pcs	2.1 m Arm	2.5 m Arm	2.9 m Arm
General purpose	0.36 m³	748 mm	390 kg	5	NA	NA	В
General purpose	0.6 m³	1,030 mm	576 kg	4	NA	В	NA
General purpose	0.73 m <sup>3</sup>	1,200 mm	608 kg	5	В	NA	NA

The recommendations are given as a guide only, based on typical operation conditions. Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

A 1,200 - 1,300 kg/m3: Coal, Caliche, Shale

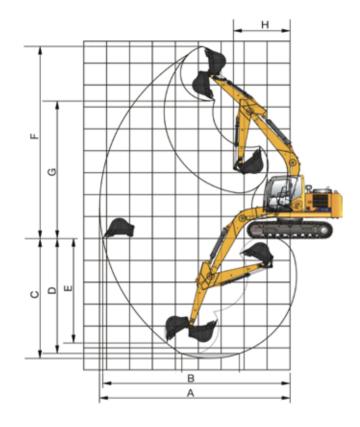
B 1,400 - 1,600 kg/m³: Wet earth and clay, limestone, sandstone C 1,700 - 1,800 kg/m³: Granite, wet sand, well blasted rock

D 1,900 kg/m³: Wet mud, Iron ore

NA. Not applicable



MACHINE WEIGHTS AND GROUND PRESSURE							
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	
Shoe width	4.6 m boom, 2.9 m arm, 0.36 m <sup>3</sup> bucket,2,300 kg counterweight						
Once width	4.6 m boom, 2.5 m a	arm, 0.6 m³ bucket, 2,30	0 kg counterweight	6.68 m boom, 2.5 m arm, 2,300 kg counterweight			
	4.6 m boom, 2.1 m arm, 0.73 m³ bucket, 2,300 kg counterweight						
600 mm	15,150 kg	39 kPa	2,590 mm	15,400 kg	39.6 kPa	2,590 mm	
700 mm	15,400 kg	34 kPa	2,690 mm	15,650 kg	34.6 kPa	2,690 mm	



WORKING RANGE						
Boom			4,600 mm			
Arm Options		2,100 mm	2,500 mm	2,900 mm	2,500 mm	
A. Max. Digging Reach		7,924 mm	8,300 mm	8,720 mm	10,450 mm	
B. Max. Digging Reach on Ground		7,784 mm	8,170 mm	8,620 mm	8,170 mm	
C. Max. Digging Depth		5,086 mm	5,470 mm	5,870 mm	6,860 mm	
D. Max. Digging Depth, 2.44 m (8') le	evel	4,828 mm	4,828 mm 5,250 mm		6,630 mm	
E. Max. Vertical Wall Digging Depth		4,428 mm	4,770 mm	5,160 mm	6,430 mm	
F. Max. Cutting Height		8,480 mm	8,760 mm	9,040 mm	10,940 mm	
G. Max. Dumping Height		6,024 mm	6,310 mm	6,590 mm	8,570 mm	
H. Min. Front Swing Radius		2,400 mm	2,470 mm	2,545 mm	3,570 mm	
Punket Digging Force (ISO)	Normal	89.8 kN	89.8 kN	89.8 kN	89.8 mm	
Bucket Digging Force (ISO)	Power Boost	96.9 kN	96.9 kN	96.9 kN	96.9 kN	
Stick Digging Force (ISO)	Normal	75.6 kN	64.9 kN	58.0 kN	64.9 kN	
Stick Digging Force (ISO)	Power Boost	81.5 kN	70 kN	63.5 kN	70.0 kN	
Bucket Capacity		0.73 m <sup>3</sup>	0.6 m <sup>3</sup>	0.36 m <sup>3</sup>	/	
Bucket Tip Radius		1,250 mm	1,254 mm	1,254 mm	1,250 mm	

Lifting capacity at the arm end without bucket. For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.





Rating over - front (Cf) Rating over - side (Cs)

- Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting agrees these. lifting capacities.
- 2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- 3. Ratings at bucket lift hook.

- 4. Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to be added. to at all times.

#### LIFTING CAPACITY (METRIC)

#### 915E with 600 mm shoes, 2,500 mm arm (Standard)

- Reach from swing center Bucket hook height
- A: Reach from swing
  B: Bucket hook heigh
  C: Lifting capacity
  Cf: Rating over front
  Cs: Rating over side

#### Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None Shoes: 600 mm triple grouser Unit: kg



					Blade: Do	wn					
A (Unit: m)											
B (m)	1.5		3.0		4.5		6.0		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0					*3,610	*3,610			*2,210	*2,210	5.4
4.5					*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4
3.0			*6,150	*6,150	*4,530	3,800	*3,880	2,500	*2,070	2,020	6.9
1.5			*8,520	6,340	*5,420	3,560	*4,230	2,400	*2,630	1,940	7.0
GROUND LEVEL			*7,340	6,040	*5,980	3,400	*4,470	2,330	*2,450	1,940	6.9
-1.5	*5,270	*5,270	*8,830	6,020	*5,960	3,340	*4,320	2,310	*2,770	2,140	6.4
-3.0	*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	5.4

			A (Unit: m)										
1.5		3.0		4.5		6.0		MAX REACH					
Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)			
				*3,610	*3,610			*2,210	*2,210	5.4			
				*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4			
		*6,150	*6,150	*4,530	3,800	3,810	2,500	*2,070	2,020	6.9			
		*8,520	6,340	*5,420	3,560	3,710	2,400	*2,630	1,940	7.0			
		*7,340	6,040	*5,980	3,400	3,630	2,330	*2,450	1,940	6.9			
*5,270	*5,270	*8,830	6,020	5,500	3,340	3,600	2,310	*2,770	2,140	6.4			
*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	5.4			
	Cf	Cf Cs	*6,150 *8,520 *7,340 *5,270 *8,830	*6,150 *6,150 *8,520 6,340 *7,340 6,040 *5,270 *5,270 *8,830 6,020	Cf         Cs         Cf         Cs         Cf           *3,610         *3,610         *3,800           *6,150         *6,150         *4,530           *8,520         6,340         *5,420           *7,340         6,040         *5,980           5,270         *5,270         *8,830         6,020         5,500	Cf         Cs         Cf         Cs         Cf         Cs           *3,610         *3,610         *3,610         *3,610         *3,800         *3,800         *3,800         *3,800         *3,800         *3,800         *3,800         *3,800         *3,800         *3,600         *5,420         3,560         *5,420         3,560         *5,980         3,400         *5,270         *5,270         *8,830         6,020         5,500         3,340	Cf         Cs         Cf         Cs         Cf         Cs         Cf           *3,610         *3,610         *3,610         *3,800         *3,800         *3,430           *6,150         *6,150         *4,530         3,800         3,810           *8,520         6,340         *5,420         3,560         3,710           *7,340         6,040         *5,980         3,400         3,630           5,270         *8,830         6,020         5,500         3,340         3,600	Cf         Cs         Cf         Cs         Cf         Cs         Cf         Cs           *3,610         *3,610         *3,610         *3,610         *3,800         *3,430         2,560           *6,150         *6,150         *4,530         3,800         3,810         2,500           *8,520         6,340         *5,420         3,560         3,710         2,400           *7,340         6,040         *5,980         3,400         3,630         2,330           5,270         *8,830         6,020         5,500         3,340         3,600         2,310	Cf         Cs         Cs<	Cf         Cs         Cs         Cf         Cs         Cf         Cs         Cs         Cf         Cs         Cf         Cs         Cs<			

Blade: Up



Lifting capacity at the arm end without bucket. For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.





Rating over - front (Cf) Rating over - side (Cs)

- Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting
- 2. The loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- 3. Ratings at bucket lift hook.

- 4. Lifting capacities are based on machine standing on level, firm and uniform ground.
- 5. \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at

#### LIFTING CAPACITY (METRICS)

#### 915E with 600 mm shoes, 2,900 mm arm

- Reach from swing center
- Bucket hook height
- Lifting capacity
- Rating over front Rating over side

#### Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Shoes: 600 mm triple grouser Unit: kg



					Blade: Do	wn					
A (Unit: m)											
B (m) -	1.5		3.0		4.5		6.0		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3.0			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	*4,040	2,410	*2,050	1,770	7.4
GROUND LEVEL			*7,880	6,070	*5,820	3,400	*4,350	2,310	*1,930	1,770	7.3
-1.5	*4,770	*4,770	*9,000	5,960	*5,950	3,300	*4,350	2,260	*2,380	1,930	6.8
-3.0	*7 980	*7 980	*7.870	6.020	*5 360	3 310			*3 140	2 340	5.9

					Blade: U	р					
A (Unit: m)											
B (m) -	1.5		3.0		4.5		6.0		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3.0			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	3,700	2,410	*2,050	1,770	7.4
GROUND LEVEL			*7,880	6,070	5,500	3,400	3,600	2,310	*1,930	1,770	7.3
-1.5	*4,770	*4,770	*9,000	5,960	5,400	3,300	3,560	2,260	*2,380	1,930	6.8
-3.0	*7,980	*7,980	*7,870	6,020	*5,360	3,310			*3,140	2,340	5.9

## STANDARD EQUIPME

#### **ENGINE SYSTEM**

- · Cummins diesel engine, turbocharged, inline 4-cylinder, 4 stroke, water cooled
- Auto-idle speed control
- Air filter with pre-cleaner
- Engine oil filter
- · Pre-filter with water separator
- Radiator, oil cooler and intercooler
- IPC (Intelligent Power Control) System
- Engine overheating prevention system

#### **DRIVETRAIN**

- Hydraulic motor, one-piece two-gear piston and reducer
- · 2-speed travel system with automatic shift

#### **SWING SYSTEM**

· High-torque piston swing motor with integral spring set and automatic hydraulic release swing brake

#### **HYDRAULIC SYSTEM**

- Main pump: two variable displacement piston pumps, ready for PTO
- · Pilot pump: gear
- Cylinders: boom stick bucket
- Power boost function
- · Boom and arm regeneration circuits
- Pilot oil filter
- · Load holding valve Pilot control shut-off lever
- Hose burst safety valves, prevention of boom or arm supply dropped when the lines split (2 mounted on boom cylinders, 1 on arm cylinder)
- 6-working mode selection system: Power, Economy, Fine, Lifting, Breaker, Attachment

- 4.600 mm boom
- 2.500 mm arm
- 0.6 m³ bucket (SAE, heaped)

#### OPERATOR STATION

- Pressurized and sealed cab with all-around visibility, large roof window with slide sliding sun visor, front window wiper and removable lower window
- Roll-Over Protective System (ROPS)
- Skylight rooftop
- · Air conditioner, heater, defroster
- Mechanical suspension seat
- Swing parking brake
- AM/FM radio with MP3 audio iack
- · Glass-breaking hammer
- · Ashtray, cigarette lighter
- Cup holder
- Floor mat
- Storage box
- Front glass lower guard
- Fire extinguisher
- Rear view mirrors
- · One key for all locks

#### INSTRUMENTATION

- Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour, etc.
- Fuel gauge
- Hydraulic oil level gauge

- Alternator 70 A
- Dual batteries 12 V
- Working lights, 1 frame mounted, 2 boom mounted
- Starting, 24 V

#### UNDERCARRIAGE

- 600 mm track-shoes with triple grousers
- 1 piece track guard (each side)
- Towing eye on base frame

#### **GUARDS**

- Belly guards
- Cover plate under travel frame
- Track shields

#### OTHER STANDARD EQUIPMENT

- 2,300 kg counterweight
- Maintenance tool kit
- Maintenance parts package

# OPTIONAL EQUIPMENT

#### **ENGINE SYSTEM**

Electrical fuel refilling pump

#### **HYDRAULIC SYSTEM** • Control pattern change valve

- Breaker & shear Slope & rotator
- Grapple Quick coupler
- Hydraulic quick coupler
- Overloading valve
- Cushion valve

#### **OPERATOR STATION**

- Power outlet 24 V to 12 V converter
- 4 LED cab top lights
- Working lights on cab (2 on top-front cab)
- · Air suspension seat
- Control joysticks with 2 switch & 1

- Travel alarm
- Rotating beacon
- front and top guard, bar) (FOPS Level II, Standard ISO 10262: 1998)
- Operation protection screen (on cab front,
- Operation protection screen (front-lower)

#### **UPPER STRUCTURE**

- Upper frame protection (wire)
- Belly guard and 8 mm thickness platform
- Bucket cylinder guard

#### UNDERCARRIAGE

• 700 mm track-shoes with triple grousers

#### DIGGING EQUIPMENT

- Boom: 6,680 mm
- 0.36 m³, 0.73 m³ bucket (SAE, heaped)

#### ELECTRICAL

- LED working lights on cab, 4 front and 2 rear
- Rear view camera





**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

Like and follow us:







LG-PB-915E-T4F-WW-A4-122020-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.