

# GLOBAL DEALER NETWORK >>>

## STRONG PRESENCE, UNMATCHED SUPPORT

LiuGong has established a solid infrastructure with over 12,000 employees worldwide, 320 dealers, 7 regional parts depots and 9 strategically placed global offices to support its dealers and serve its customers.



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Always a LiuGong dealer near you.



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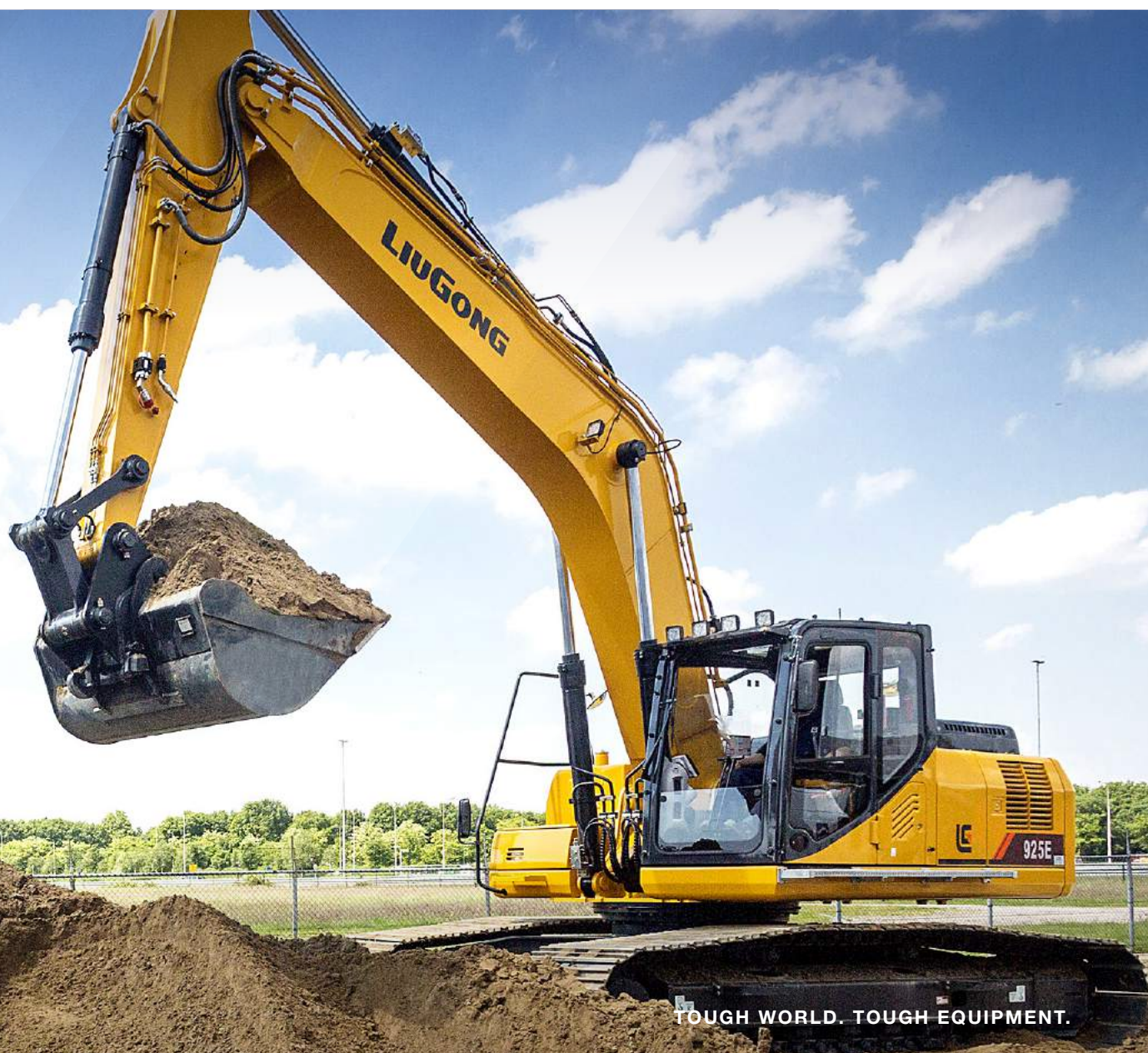
01/2016 Designed by LiuGong

<b>Engine</b>	Cummins
<b>Gross Power</b>	112 kW (150.2 hp) ~ 134 kW (179.7 hp)
<b>Net Power</b>	102 kW (136.8 hp) ~ 130 kW (174.3 hp)
<b>Maximum Digging Depth</b>	6,562 mm ~ 6,925 mm
<b>Bucket Capacity</b>	0.9 m <sup>3</sup> ~ 1.2 m <sup>3</sup>
<b>Operating Weight</b>	21,500 kg ~ 25,500 kg

EXCAVATOR

**920E/922E/925E**

**LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.





<b>Excellent efficiency and fuel consumption-----</b>	<b>P4</b>
<b>Reliable and sustainable structures-----</b>	<b>P5</b>
<b>User-friendly working environment-----</b>	<b>P6</b>
<b>Optimal maintenance features-----</b>	<b>P8</b>
<b>Where you need it. When you need it-----</b>	<b>P9</b>
<b>Versatile attachments-----</b>	<b>P9</b>

# EXCELLENT EFFICIENCY AND FUEL CONSUMPTION

## ADVANCED HYDRAULIC SYSTEM

Proven negative flow hydraulics have optimized the main control valve, improved the speed of front end cylinders, while cutting down the hydraulic system's damper loss, leading to much better working efficiency. The pilot valves matching with the main control valve offer precise control.

## ENGINE

According to the load cycle characteristics of Liugong excavators, QSB7 engine tailored the best fuel consumption area. Machine fuel consumption can be reduced by more than 15%. It based on proven B series, the dynamic response is fast. High altitude adaptability, the power can be adjusted according to altitude.

## 6 WORKING MODES

Power, Economy, Fine, Lifting, Breaker, Attachment.

The LiuGong E series excavator features 6 selectable working modes that optimize performance and fuel consumption to your specific conditions.

## INTELLIGENT POWER CONTROL

The advanced IPC (Intelligent Power Control) system makes full use of engine oil consumption characteristics, matching the engine-hydraulic pump to achieve high efficiency, low and economical fuel consumption.

## AUTO-IDLE SPEED FUNCTION

Automatic speed reduction in neutral can reduce fuel consumption and noise. Automatic velocity control is divided into two levels: if in 1 second, no hydraulic request signal is detected, the engine speed will automatically reduce by 100 RPM; if after 3 seconds no hydraulic signal is detected, the engine speed will drop to idle speed. When the system detects the hydraulic signal, the engine will immediately return to the current throttle setting speed.



## RELIABLE AND SUSTAINABLE STRUCTURES

### BOOM AND ARM

They are built with internal baffle plates and stress-relieved for added durability, constructed with thick plates of high tensile strength steel, these structures are designed with large cross sectional areas and large one piece steel castings in the boom and arm supports which exhibits long term durability and high resistance to bending and torsional stress. In addition they are inspected with ultrasound to reduce the defects and ensure the quality and reliability.

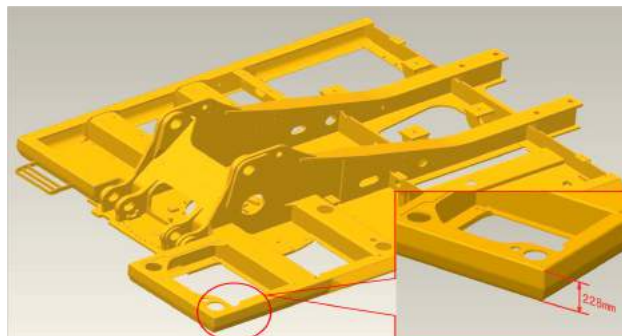


### PLATFORM

High cross section of h beam structure is used in the main platform, high strength, good rigidity, high reliability.

With a height of 228 mm, the high beam design platform is 11.4% higher than similar models leading to greater strength in the structure.

The welding platform with its collision protection structure improves the service life of the platform.



### UNDERCARRIAGE

The undercarriage of 920E&922E&925E are built with the mature technology of X type high strength box type walking frames. Long track beam, crawler system are more stable and reliable. All of these contribute significantly to its outstanding stability and durability.



# USER-FRIENDLY WORKING ENVIRONMENT



## LARGE CAB

With a height increase 20 mm, length increase 20 mm, room for feet increase 29 mm, the space of cab has increased 8.5% over previous models and leads to more operator comfort and controllability.

## BIG TOP SKYLIGHT

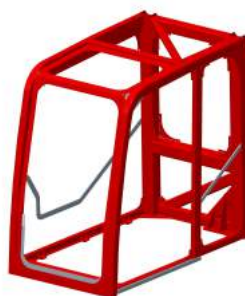
The skylight area of E series has increased 28.5%.

## ROPS CAB

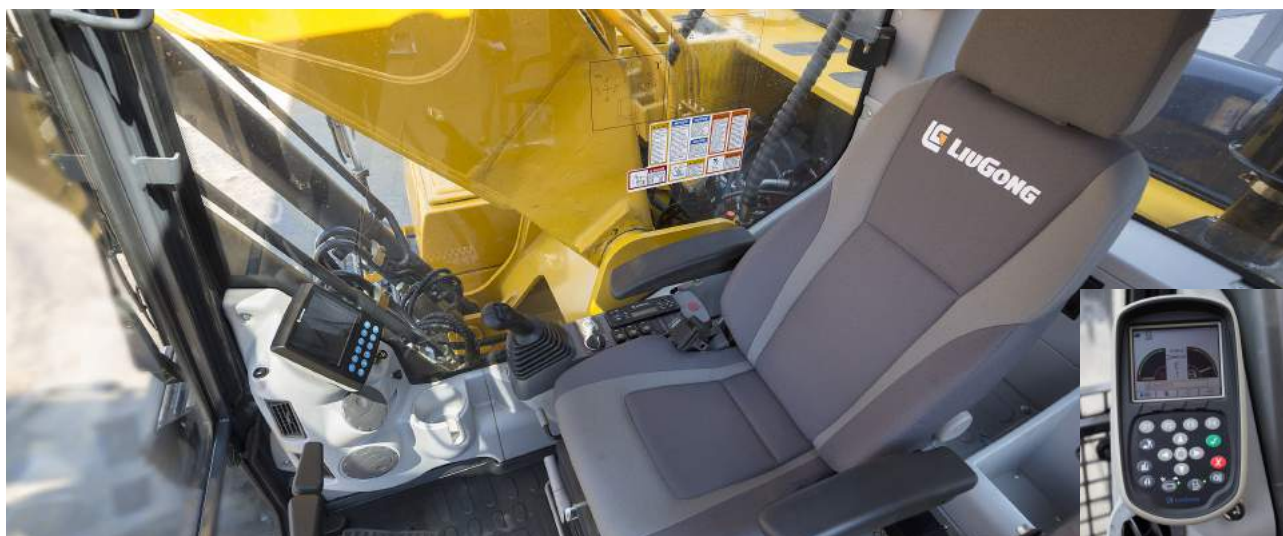
The ROPBS cab meets ISO 12117-2 safety standards for increased peace of mind in the unlikely event of machine roll over.

## SIDE HANDRAILS AND ANTI-SLIP TAPE

Handrails provide safe and easy access to the upper structure.



ROPS Cab



### **BROAD FIELD OF VISION**

With a 15% increase in the height of vision and a 10% increase in the area of right side glass, the E series cab gives a field of vision that lets you see more and do more.

### **POSITIVE PRESSURE CAB**

In order to prevent dust in the cab, we use high sealing pressure cabin. When using the air conditioning the the internal pressure is increased to prevent dirt from entering the cab.

### **LARGE LCD MONITOR**

The color LCD monitor displays machine information including working gear, hydraulic oil temperature, hydraulic pressure, service interval alerts, and fault alarm.



### **OTHER EQUIPMENTS IN THE CAB**





## OPTIMAL MAINTENANCE FEATURES



### ENGINE FILTER

The engine oil filter and the fuel filters are integrated into the right side of the machine for easy access, easy maintenance and service.

### PILOT HYDRAULIC FILTER

The pilot hydraulic filter is located at the side of hydraulic tank for easy access, easy maintenance and service.

### PRESSURE SWITCHES AND SENSORS

Pressure switches and sensors concentrated in a block.

### A/C FILTER AND FUSE BOX

Located in the left side of cab, you can change or clean after you open the service access.

### AIR FILTER

Inside and outside air filters can be removed from ground level for simple and convenient cleaning.





## WHERE YOU NEED IT. WHEN YOU NEED IT

### PROFESSIONAL ADVICE

According to your job requirements, we can give you expert advice to help you make the right machine choices.

### PARTS SUPPORT

Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. We have a worldwide parts network that can supply you with parts when you need them to maximize your machines uptime and to help you save money.

### AFTER SALES SERVICE

With over 12,000 outlets, 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 needs throughout the life of your machine.



## VERSATILE ATTACHMENTS



**BUCKET**



**QUICK COUPLER**



**SHEAR**



**BREAKER**

# STANDARD AND OPTIONAL EQUIPMENT >>>

## STANDARD EQUIPMENT

### ENGINE SYSTEM

- Cummins engine, turbocharged, 6 Cylinder 4 stroke water cooled, Diesel Engine
- Auto-idle speed control
- Air filter with pre-cleaner
- Engine oil filter
- Pre-filter with water separator
- Radiator, oil cooler and intercooler
- Engine overheat prevention system

### HYDRAULIC SYSTEM

- Power boost
- Boom and arm regeneration circuits
- Pilot oil filter
- Load holding valve
- Pilot control shut-off lever
- Swing with anti-reverse function

### OPERATOR STATION

- IPC (Intelligent Power Control) System
- 6-working mode selection system: Power Mode, Economy Mode, Fine Mode, Lifting Mode, Breaker Mode, Attachment Mode
- Highly pressurized and tightly

sealed cab with all-around visibility, large roof window with slide sun shade, front window wiper, removable lower window

- Air conditioner, heater, defroster
- AM/FM Radio with MP3 audio jack
- Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour, etc
- Glass-breaking hammer
- Ashtray, cigarette lighter
- Cup holder
- Floor mat
- Storage box

### UPPERSTRUCTURE

- Rear view mirror (right & left side)
- 2 batteries
- One key for door locks, cap locks
- Fuel gauge
- Hydraulic oil level gauge
- Storage box
- Swing parking brake
- Boom lights
- Exterior lights integrated into

storage box

### UNDERCARRIAGE

- 600 mm triple grouser track-shoes
- 2 track frame under-guards (each-side)
- Towing eye on base frame

### FRONT ATTACHMENTS

#### 920E

- 5,710 mm boom and 2,915 mm arm
- 0.9 m<sup>3</sup> (SAE, heaped) bucket

#### 922E

- 5,710 mm boom and 2,915 mm arm
- 1.0 m<sup>3</sup> (SAE, heaped) bucket

#### 925E STANDARD

- 6,000 mm boom and 2,980 mm arm
- 1.2 m<sup>3</sup> (SAE, heaped) bucket

#### 925E NARROW

- 6,000 mm boom and 2,980 mm arm
- 1.1 m<sup>3</sup> (SAE, heaped) bucket

## OPTIONAL EQUIPMENT

### ENGINE SYSTEM

- Electrical fuel refilling pump
- Automatic engine warm-up system

### HYDRAULIC SYSTEM

- Security valves (2 on boom and 1 on arm)
- Control pattern change valve
- Hammer line
- Hydraulic quick coupler line 2 way aux. line
- Attachment rotating line
- PTO pump

### OPERATOR STATION

- Power outlet 24 V to 12 V converter
- 4 outside LED cab top lights

- Rotating beacon
- Rear view camera
- Suspension seat with height adjustable arm rests and retractable seat belt
- Travel alarm
- Chair heating
- Seat belt alarm

### UPPERSTRUCTURE

- Crash-proof beam
- Front glass lower guard
- Roll-Over Protective Structures (ROPS)
- Falling-Object Protective Structures (FOPS)
- Operator Protective Guards (OPG)

### UNDERCARRIAGE

- 700, 800, 900 mm track-shoes

### FRONT ATTACHMENTS

- Hydraulic breaker
- Hydraulic quick coupler
- Ripper shank
- Grapple
- 920E&922E bucket 0.73/0.87/0.88/1.0/1.1 m<sup>3</sup>
- 925E bucket 1.0/1.1/1.2/1.3 m<sup>3</sup>



## SPECIFICATIONS

ENGINE 1	
Emission Regulation	Tier 2 / Stage II
Model	Cummins QSB7
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	120 kW (160.9 hp) @ 2,100 rpm
Net Power	117 kW (156.9 hp) @ 2,100 rpm
Maximum Torque	658 N · m @ 1,200 rpm
Bore x Stroke	107 x 124 mm
Displacement	6.7 L

ENGINE 2 (ONLY FOR SPECIAL AREA)	
Emission Regulation	Tier 2 / Stage II
Model	Cummins B5.9
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	112 kW (150.2 hp) @ 1,950 rpm
Net Power	102 kW (136.8 hp) @ 1,950 rpm
Maximum Torque	614 N · m @ 1,500 rpm
Bore x Stroke	102 x 120 mm
Displacement	5.88 L

DRIVE AND BRAKES	
Driven by a one-piece two-gear piston hydraulic motor and reducer with small volume and strong traction, the motor and hydraulic pipelines are hidden in the track mechanism to prevent damage from rugged road surfaces, parking brake and shock-absorbing valve are installed inside the motor, ensuring stable travelling and parking as well as reliable braking.	
Max. Travel Speed	High: 5.3 km/h Low: 3.0 km/h (QSB7 Engine)
Max. Travel Speed	High: 5.7 km/h Low: 3.3 km/h (B5.9 Engine)
Gradeability	70 %
Drawbar Pull	220 kN

SWING SYSTEM	
The high-torque piston swing motor, with integral spring set, and automatic hydraulic release swing brake, is bolted directly to the swing reduction planetary swing gear box. The swing brake automatically resets for safer operation within five seconds of the swing function lever being brought to neutral. This insures safe travel and parking conditions.	
Swing Speed	10.5 rpm (QSB7 Engine)
Swing Speed	12.5 rpm (B5.9 Engine)

HYDRAULIC SYSTEM	
Main Pump	Two variable displacement piston pumps
Main Pumps Total Flow	2×224 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.3 MPa
Travel pressure	34.3 MPa
Swing pressure	25.5 MPa
Pilot Pump Flow	18.5 L/min(QSB7) 21.5 L/min(B5.9)

UNDERCARRIAGE	920E	922E
Center Frame	X-Frame	
Track Adjustment	Hydraulic	
Number of Carrier Rollers	2 each side	2 each side
Number of Track Rollers	7 each side	8 each side
Number of Idler Rollers	1 each side	1 each side
Number of Shoes	46 each side	49 each side
Width of Track Shoes	600 mm	600 mm

ELECTRIC SYSTEM	
System Voltage	24 V
Batteries	2 x 12 V

SERVICE CAPACITIES	
Fuel Tank	420 L
Engine Oil	25 L
Final Drive (each)	5.5 L
Swing Drive	3.4 L
Cooling System	25 L
Hydraulic Reservoir	210 L
Hydraulic System Total	330 L

OPERATING WEIGHT (APPROXIMATION) OF 920E	
The operating weight includes 5,710 mm boom, 2,915 mm arm, SAE heaped 0.9 m³ bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.	
Shoe Ground Pressure	44.2 kPa
Operating Weight	21,500 kg

OPERATING WEIGHT (APPROXIMATION) OF 922E	
The operating weight includes 5,710 mm boom, 2,915 mm arm, SAE heaped 1.0 m³ bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.	
Shoe Ground Pressure	45.2 kPa
Operating Weight	22,000 kg

# 925E SPECIFICATIONS >>>

## SPECIFICATIONS

### ENGINE 1

Emission Regulation	Tier 2 / Stage II
Model	Cummins QSB7
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	134 kW (179.7 hp) @ 2,100 rpm
Net Power	130 kW (174.3 hp) @ 2,100 rpm
Maximum Torque	800 N · m @ 1,300 rpm
Bore x Stroke	107 x 124 mm
Displacement	6.7 L

### ENGINE 2 (ONLY FOR SPECIAL AREA)

Emission Regulation	Tier 2 / Stage II
Model	Cummins B5.9
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	133 kW (178.4 hp) @ 2,000 rpm
Net Power	125 kW (167.6 hp) @ 2,000 rpm
Maximum Torque	708 N · m @ 1,500 rpm
Bore x Stroke	102 x 120 mm
Displacement	5.88 L

### DRIVE AND BRAKES

Driven by a one-piece two-gear piston hydraulic motor and reducer with small volume and strong traction, the motor and hydraulic pipelines are hidden in the track mechanism to prevent damage from rugged road surfaces, parking brake and shock-absorbing valve are installed inside the motor, ensuring stable travelling and parking as well as reliable braking.

Max. Travel Speed	High: 5.5 km/h Low: 3.3 km/h (QSB7 Engine)
Max. Travel Speed	High: 5.8 km/h Low: 3.5 km/h (B5.9 Engine)
Gradeability	70 %
Drawbar Pull	229 kN

### SWING SYSTEM

The high-torque piston swing motor, with integral spring set, and automatic hydraulic release swing brake, is bolted directly to the swing reduction planetary swing gear box. The swing brake automatically resets for safer operation within five seconds of the swing function lever being brought to neutral. This insures safe travel and parking conditions.

Swing Speed	10.5 rpm (QSB7 Engine)
Swing Speed	12 rpm (B5.9 Engine)

### HYDRAULIC SYSTEM

Main Pump	Two variable displacement piston pumps
Main Pumps Total Flow	2 × 240 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.3 MPa
Travel pressure	34.3 MPa
Swing pressure	25.5 MPa
Pilot Pump Flow	19 L/min

### UNDERCARRIAGE

	STANDARD	NARROW
Center Frame	X-Frame	X-Frame
Track Adjustment	Hydraulic	Hydraulic
Number of Carrier Rollers	2 each side	2 each side
Number of Track Rollers	9 each side	9 each side
Number of Idler Rollers	1 each side	1 each side
Number of Shoes	51 each side	49 each side
Width of Track Shoes	600 mm	600 mm

### ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 x 12 V

### SERVICE CAPACITIES

Fuel Tank	470 L
Engine Oil	25 L
Final Drive (each)	5.5 L
Swing Drive	4.4 L
Cooling System	25 L
Hydraulic Reservoir	210 L
Hydraulic System Total	330 L

### OPERATING WEIGHT (APPROXIMATION, STANDARD)

The operating weight includes 6,000 mm boom, 2,980 mm arm, SAE heaped 1.2 m<sup>3</sup> bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.

Shoe Ground Pressure	50.5 kPa
Operating Weight	25,500 kg

### OPERATING WEIGHT (APPROXIMATION, NARROW)

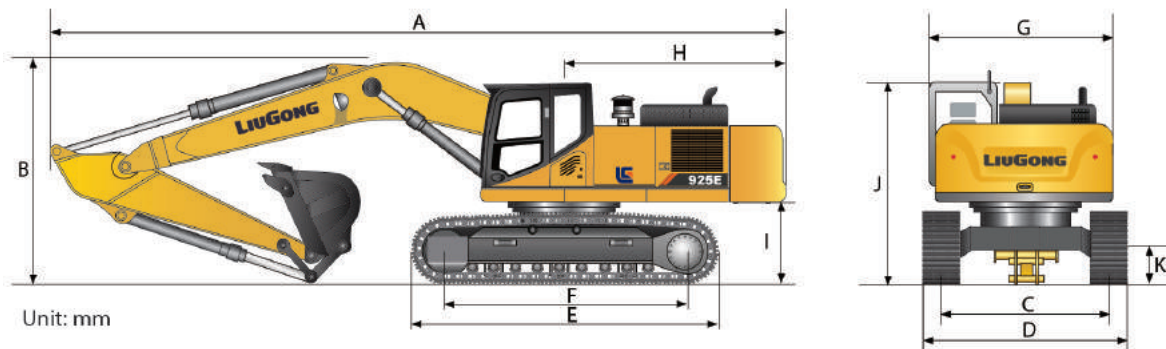
The operating weight includes 6,000 mm boom, 2,980 mm arm, SAE heaped 1.1 m<sup>3</sup> bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.

Shoe Ground Pressure	51.9 kPa
Operating Weight	25,000 kg

# SPECIFICATIONS >>>



## DIMENSIONS



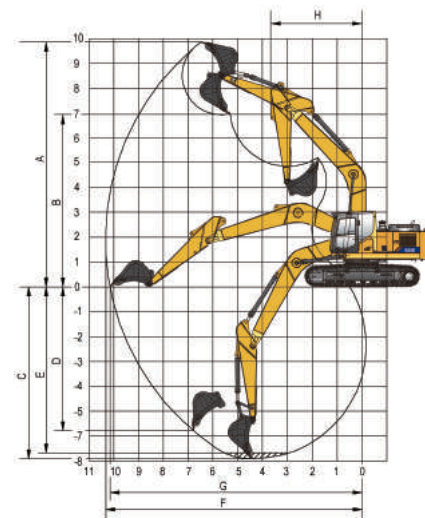
Unit: mm

		920E	922E	925E	
				Standard	Narrow
<b>Boom Length</b>	Boom Length	5,710		6,000	
<b>Arm Length</b>	Arm Length	2,915		2,980	
<b>A</b>	Overall Length	9,570		10,180	
<b>B</b>	Overall Height of Boom	3,140		3,400	
<b>C</b>	Track Gauge	2,200	2,390	2,590	2,390
<b>D</b>	Overall Width	2,800	2,990	3,190	2,990
<b>E</b>	Length of crawler	4,160	4,440	4,635	4,445
<b>F</b>	Track Length on ground	3,370	3,650	3,840	3,650

		920E	922E	925E	
				Standard	Narrow
<b>G</b>	Overall Width of Upper structure	2,740		2,800	
<b>H</b>	Tail Swing Radius	2,750		2,920	
<b>H'</b>	Rear-end Length	2,750		2,920	
<b>I</b>	Counterweight Ground clearance	1,070		1,055	
<b>J</b>	Overall Height of Cab	3,040		3,050	
<b>K</b>	Min. Ground clearance	440		440	
<b>L</b>	Track Shoe Width	600		600	

Unit: mm

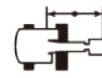
		920E	922E	925E	
				Standard	Narrow
<b>Boom length</b>	Boom length	5,710		6,000	
<b>Arm length</b>	Arm length	2,915		2,980	
<b>Bucket capacity</b>	Bucket capacity	0.9 m <sup>3</sup>	1.0 m <sup>3</sup>	1.2 m <sup>3</sup>	1.1 m <sup>3</sup>
<b>A</b>	Dig height	9,945		9,940	
<b>B</b>	Dump height	7,170		6,920	
<b>C</b>	Dig depth	6,562		6,925	
<b>D</b>	Dig depth of vertical	5,080		5,795	
<b>E</b>	Depth of 8 bottom	6,390		6,675	
<b>F</b>	Max reach	9,870		10,340	
<b>G</b>	Reach at ground level	9,685		10,150	
<b>H</b>	Min swing radius	3,090		3,695	
<b>ISO</b>	Bucket Breakout Force	152.5 kN		179 kN	
	Arm Breakout Force	105.4 kN		134 kN	



# 920E&922E SPECIFICATIONS >>>







## Note:

- ※Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- The above 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.
- Ratings at bucket lift hook.




Rating over-side    Rating over-front

## 920E

Bucket: SAE 0.9 m <sup>3</sup> , 780 kg, Boom: 5,710 mm, Arm: 2,915 mm, Shoes: 600 mm, Counterweight: 4,300 kg,														
Lift Point Height														
			3 m		4m		5 m		6 m		7m		8m	
6 m	kg								※3,440	※3,440	※3,500	※3500		
5 m	kg					※3,910	※3,910	※3,740	※3,740	※3,640	※3640			
4 m	kg			※5,420	※5,420	※4,650	※4,650	※4,170	※4,170	※3,910	3,630	※3,760	2,850	
3 m	kg	※10,150	※10,150	※6,960	※6,960	※5,530	※5,530	※4,730	4,500	※4,250	3,500	※3,960	2,780	
2 m	kg	※11,230	※11,230	※8,470	7,900	※6,420	5,670	※5,300	4,300	※4,610	3,390	※4,190	2,720	
1 m	kg	※10,150	※10,150	※9,560	7,530	※7,190	5,420	※5,820	4,150	※4,960	3,270	4,110	2,650	
0 m	kg	※12,110	11,750	※10,190	7,340	※7,730	5,260	※6,210	4,030	5,000	3,200	4,070	2,590	
-1 m	kg	※14,280	11,760	※10,420	7,260	※8,020	5,170	6,260	3,960	4,940	3,150			
-2 m	kg	※13,810	11,840	※10,310	7,280	※8,050	5,150	6,230	3,930	4,920	3,140			
-3 m	kg	※12,970	11,970	※9,850	7,340	※7,780	5,190	6,260	3,960					
-4 m	kg	※11,680	※11,680	※9,000	7,480	※7,130	5,300							

## 922E

Bucket: SAE1.0 m <sup>3</sup> , 780 kg, Boom: 5,710 mm, Arm: 2,915 mm, Shoes: 600 mm, Counterweight: 4,300 kg												
Lift Point Height											Max. Reach	
			3 m		4.5 m		6.0 m		7.5 m		Front	Side
7.5 m	kg					※3,680	※3,680			※2,980	※2,980	6,400
6.0 m	kg					※3,720	※3,720			※2,870	2,440	7,500
4.5 m	kg					※4,320	3,630	※4,150	2,330	※3,050	1,980	8,200
3.0 m	kg	※10,500	※10,500	※6,690	5,510	※5,280	3,370	4,180	2,210	※3,300	1,730	8,500
1.5 m	kg	※15,260	9,340	※8,740	4,940	5,910	3,100	4,040	2,080	3,230	1,610	8,600
0 m	kg	※16,830	8,890	9,290	4,590	5,680	2,900	3,920	1,970	3,290	1,630	8,400
-1.5 m	kg	※16,760	8,880	9,130	4,450	5,560	2,800	3,870	1,930	3,610	1,790	7,900
-3.0 m	kg	※15,690	9,050	9,170	4,490	5,570	2,810			4,370	2,200	7,100
-4.5 m	kg	※13,330	9,420	※9,040	4,680					6,420	3,290	5,700

# 925E SPECIFICATIONS >>>



## 925E Standard

Bucket: SAE 1.2 m <sup>3</sup> , 1100 kg    Boom: 6,000 mm    Arm: 2,980 mm    Shoes: 600 mm    Counterweight: 5,000 kg													
Lift Point Height													
	3 m		4 m		5 m		6 m		7 m		8 m		
7 m	kg									※3,628	※3,628		
6 m	kg									※3,687	※3,687		
5 m	kg						※4,093	※4,093	※3,923	※3,923	※3,817	3,719	
4 m	Kg				※5,271	※5,271	※4,665	※4,665	※4,281	※4,281	※4,019	3,626	
3 m	kg	※12,203	※12,203	※8,161	※8,161	※6,318	※6,318	※5,338	※5,338	※4,716	4,447	※4,322	3,513
2 m	kg	※15,559	※15,559	※9,910	※9,910	※7,419	7,272	※6,028	5,475	※5,175	4,267	※4,623	3,398
1 m	kg	※16,839	15,637	※11,228	9,722	※8,321	6,919	※6,651	5,239	※5,601	4,109	※4,910	3,295
0	kg	※17,021	15,512	※11,935	9,159	※8,956	6,689	※7,136	5,067	※5,955	3,988	※5,115	3,216
-1 m	kg	※16,793	15,578	※12,180	9,361	※9,301	6,569	※7,412	4,936	※6,183	3,912	※5,281	3,170
-2 m	kg	※16,248	15,700	※12,060	9,379	※9,361	6,539	※7,537	4,927	※6,215	3,887		
-3 m	kg	※15,352	※15,352	※11,598	9,178	※9,121	6,587	※7,378	4,957	※6,068	3,922		
-4 m	kg					※8,514	6,712	※6,862	5,062				