Engine
Cummins QSB7 Tier 3, Stage IIIA
Net Power
132 kW (177 hp)
Operating Weight
25,500 kg
Bucket Capacity
1.2 m³







TOUGH WORLD. TOUGH EQUIPMENT.



## MAXIMIZE RETURN **ON YOUR** INVESTMENT

LiuGong's customer-driven design and quality-focused engineering creates lasting value that will deliver to your bottom line.

#### **DEPENDABLE POWER**

Unmatched performance driven by the Cummins QSB7 Tier 3/Stage IIIA Engine,

#### **IPC (INTELLIGENT POWER CONTROL)**

IPC ensures the mechanical, electrical and hydraulic systems work in perfect harmony for efficient and precise control. Maximizing torque outlet with more power and breakout force.

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

Hydraulic signals detect activity, decreasing and increasing engine speed as required. Power is supplied only as needed, achieving optimum fuel efficiency.

#### **VERSATILITY**

Options for auxiliary hydraulic piping include bidirectional variable high flow lines, an additional line for rotating attachments and also a single acting line. The quick coupler further ensures you get the most out of your machine by easily switching between a wide range of attachments to suit any application.



#### **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.





# EFFICIENCY, PRECISION & VERSATILITY

LiuGong E series excavators deliver the **perfect balance** of performance, precision and quality. The 925E Tier 3/Stage IIIA models are powered by the latest generation, low emission Cummins QSB7 engine, with enhanced power output, **improved breakout force** and faster cycle times.

#### A POWERFUL ENGINE

The Cummins engine meets EPA Tier 3/EU Stage IIIA emissions standards, delivering the greatest possible fuel economy without compromising on power.

The QSB7engine employs a proven cooled-EGR system, complemented by Cummins patented Turbocharger, which precisely adjusts the airflow delivered to the engine increasing performance and improving fuel economy.

#### ADVANCED HYDRAULIC SYSTEM

Within the advanced hydraulic system of LiuGong excavators, negative flow of the hydraulics optimizes the main control valve. This helps to maximize the cycle time of the cylinders, leading to improved efficiency and a higher rate of work completed.

The hydraulic system works efficiently in transferring engine power to the ground providing widespread control and precision.

### INTELLIGENT POWER CONTROL

LiuGong's advanced Intelligent Power Control (IPC) system delivers the power you need, only when you need it, ensuring powerful performance, without excess fuel wastage.

The new-generation computer-aided IPC system harnesses the mechanical, electrical and hydraulic systems to work in perfect harmony for efficiency, precision and control. When the working load increases, engine power and hydraulic pump flow respond to meet the demands of the job.

LiuGong's six selectable working modes give you full control of the machine and enhanced performance under various operating conditions:













**Breaker Attachment** 

#### **AUTOMATED FUNCTIONS**

The machines maximize fuel economy by regulating its idle speed. If for just one second there is no hydraulic request signal detected from the joystick, the engine speed is automatically dropped by 100 rpm. If no activity is detected over three seconds the engine speed will decrease to idle. As soon as the system detects the hydraulic signal

**Economy** 

once more, the engine will immediately return to the previous throttle speed setting.

The engine's automatic warm-up system brings it up to operating temperature quickly, further improving fuel consumption, reducing emissions, and maximizing uptime.



# DESIGNED TO GET MORE DONE

The machines are 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 QSB7 engine produces high power output. LiuGong has harnessed this power for the six working modes of the excavator. Perfectly match these work modes to the job at hand and even the least experienced of the operators will find they can work faster and complete more in less time.

#### **OPTIMIZED HYDRAULICS**

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

Engine power and hydraulic pump flow are automatically reset to adjust for the load attachment, helping to maximize the efficiency of the machine.



#### **IMPROVED MACHINE DESIGN**

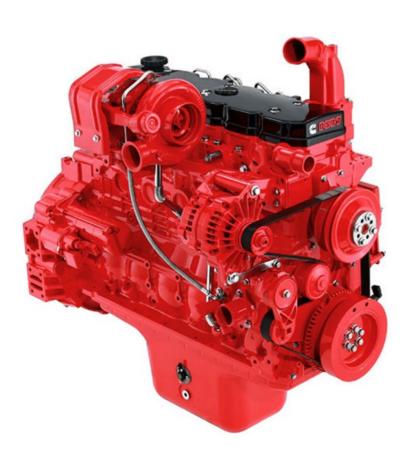
The 925E's tough and reliable structure provides increased strength, reduced wear, and improved transmission of power to the ground drive.

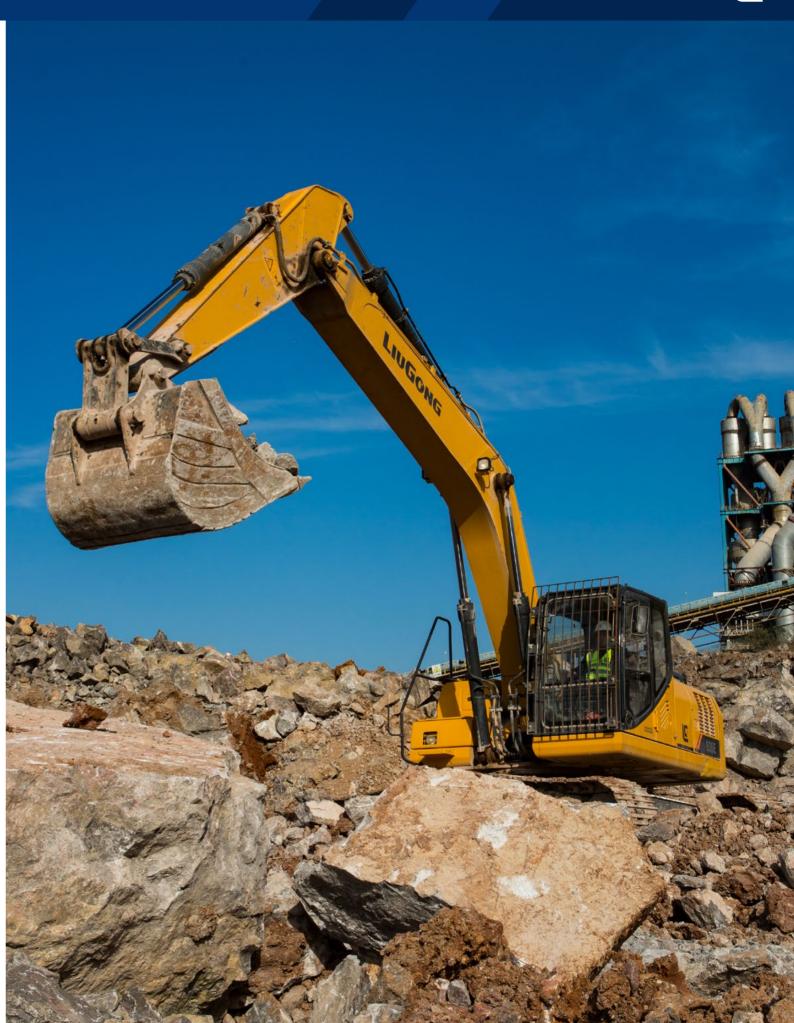
#### QUICK-CHANGE ATTACHMENTS

LiuGong quick coupler and Power Latch tilt couple make changing over attachments like buckets, breakers and shears quick and simple which maximize your uptime.

### OPERATOR FRIENDLY ENVIRONMENT

Ergonomically designed controls, clear and informative displays, increased visibility, and exceptional comfort increases operator efficiency and safety. The easily accessible service points ensures important daily servicing and routine maintenance gets







# TOUGH AND DURABLE STRUCTURES

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.



#### **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.



#### **UNDERCARRIAGE**

The high-strength undercarriage of the 920E/922E/925E 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.



# SAFETY WITHOUT COMPROMISE

LiuGong's commitment to you includes an equal commitment to your **safety**. E-series excavators are equipped with all the necessary safety features to give you peace of mind and help you **focus** on the job at hand.

#### **SAFETY STANDARDS**

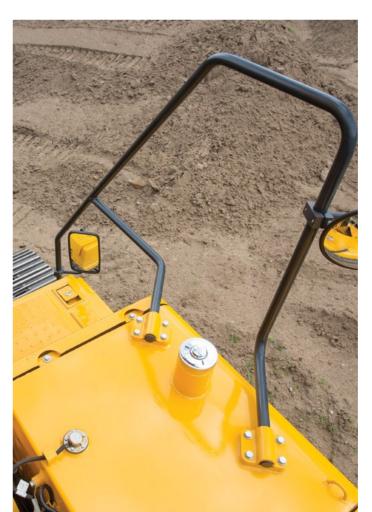
All LiuGong E-Series excavators come with certified ROPS (Roll Over Protection System) cabs meeting ISO safety standards. LiuGong offers FOPS (Falling Object Protection System) as an option on all E-Series excavators.

#### **EXTENSIVE VISIBILITY**

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

#### SAFE ENTRY

Safety rails and well-positioned anti-slip tape on the upper part of the machine make it easier and safer during machine servicing.





0

# ALL AROUND COMFORT

In the 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 E 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.





## DAILY CHECKS AND MAINTENANCE SHOULDN'T BE TOUGH

LiuGong excavators have been specifically designed for easy service and maintenance in even the most remote and harsh environments. If servicing is easy, it gets done.

#### **PRACTICAL SERVICING**

Smart and effective design makes service and maintenance fast and simple - that's good news for operators who work in some of the toughest places on the planet. Handrails are fitted as standard on the 950E, enabling safe and easy access to the upper structure for easy engine service and maintenance.

#### ON BOARD MONITORING

With onboard monitoring, the operator can check the machine's vital signs without leaving his seat. Using the LCD display, the operator can easily check oil temperatures and pressure levels, receive service interval alerts and access other information that contributes to simple maintenance and servicing of the machine.



#### **EASILY ACCESSIBLE SERVICE POINTS MAKE DAILY CHECKS FAST** AND EFFECTIVE

- Easily visible hydraulic oil level gauge
- Accessible, grouped filters
- Easy to replace A/C filter next to the cab door
- Maintenance free air filter

# WHERE YOU NEED US WHEN YOU NEED US

LiuGong is committed to providing reliable and tough equipment combined with dependable service to customers across the globe.



#### **GLOBAL NETWORK**

We offer local support through our extensive dealer network in more than 130 countries. Our dealers and customers are supported by 10 regional subsidiaries and 9 global parts centers, all offering expert training, parts and service support.

#### **PROFESSIONAL ADVICE**

No matter the job, we can help you choose the right machine, with the right specifications, options and attachments for your business. We are committed to ensure maximum uptime and lowest cost of ownership to ensure you get good profitable return form your equipment.

#### SERVICE AGREEMENTS

At LiuGong, we offer service agreements to support your business needs and help you take control of all your costs. Talk to us today.







## **SPECIFICATIONS**

#### OPERATING WEIGHT

25,500 kg

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

**BUCKET CAPACITY** 

0.58 - 1.4 m<sup>3</sup>

#### Description

Cummins EPA Tier 3 / EU Stage IIIA, inline 6-cylinder, turbocharged, high pressure common rail, electronically controlled direct

Air cleaner: Cummins direct flow air filter. Cooling system: Charge air cooler.

Emission rating	EPA Tier 3 / EU Stage IIIA
Engine manufacturer	Cummins
Engine model	QSB 7
Aspiration	Wastegate Turbo (WGT)
Charged air cooling	After cooler
Cooling fan drive	Direct
Displacement	6.7 L
Rated speed	2,050 rpm
Engine output - net (SAE J1349 / ISO 9249)	132 kW (177 hp)
Engine output - gross (SAE J1995 / ISO 14396)	140 kW (188 hp)
Maximum torque	800 N·m @1,200 rpm
Bore × Stroke	107 × 124 mm

#### UNDERCARRIAGE

Top rollers each side 2

Track shoe each side 51 Link pitch Shoe width. 600/700/800/900 mm triple grouser Bottom rollers each

### **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

Swing speed 10.9 rpm 80,800 N·m Swing torque

#### HYDRAULIC SYSTEM

#### Main pump

Туре	Two variable displacement piston pumps
Maximum flow	2 × 240 L/min
Pilot pump	
Туре	Gear pump
Maximum flow	19 L/min
Relief valve setting	
Implement	34.3/37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	25.5 MPa
Pilot circuit	3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Ф130 × 1,350 mm
Stick Cylinder – Bore × Stroke	Φ145 × 1,635 mm
Bucket Cylinder – Bore × Stroke	Ф130 × 1,075 mm

ELECTRIC SYSTEM	
System voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.5 kW

SERVICE CAPACITIES	
Fuel tank	470 L
Engine oil	25 L
Final drive (each)	5.5 L
Swing drive	4.4 L
Cooling system	30 L
Hydraulic reservoir	210 L
Hydraulic system total	330 L

SOUND PERFORMANCE	
Interior Sound Power Level (ISO 6396)	75 dB(A)
Exterior Sound Power Level (ISO 6395)	103 dB(A)

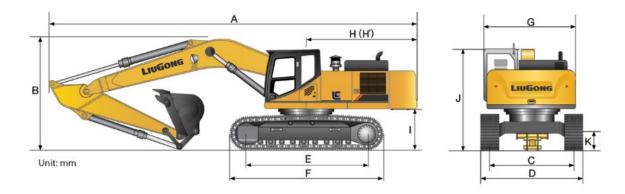
#### DRIVE AND BRAKES

#### Description

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

High: 5.5 km/h Max. travel speed Low: 3.3 km/h 35%70% Gradeability Max. drawbar pull 229 kN





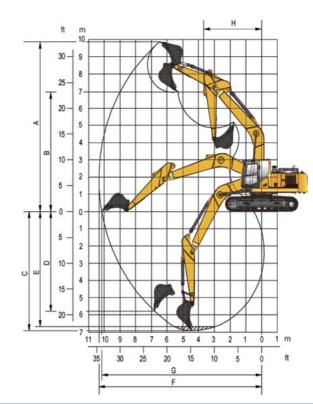
DIMENSIONS			
	925E	925E NLC	925E LL
Boom	6,000 mm	6,000 mm	8,500 mm
Arm Options	2,980 mm / 2,400 mm	2,980 mm / 2,400 mm	6,400 mm
A Shipping Length	10,210 mm / 10,200 mm	10,210 mm / 10,200 mm	12,540 mm
B Shipping Height – Top of Boom	3,480 mm	3,480 mm	3,100 mm
C Track Gauge	2,590 mm	2,390 mm	2,590 mm
D Undercarriage Width - 600 mm Shoes	3,190 mm	2,990 mm	-
700 mm Shoes	3,290 mm	3,090 mm	-
800 mm Shoes	3,390 mm	3,190 mm	3,390 mm
900 mm Shoes	3,490 mm	3,290 mm	3,490 mm
E Length to Center of Rollers	3,840 mm	3,650 mm	3,840 mm
F Track Length	4,635 mm	4,445 mm	4,635 mm
G Overall Width of Upper Structure	2,760 mm	2,760 mm	2,760 mm
H Tail swing Radius	3,010 mm	3,010 mm	3,010 mm
Counterweight Ground Clearance	1,055 mm	1,055 mm	1,055 mm
J Overall Height of Cab	3,050 mm	3,050 mm	3,050 mm
Min. Ground Clearance	440 mm	440 mm	440 mm
Track Shoe Width	600 mm	600 mm	800 mm

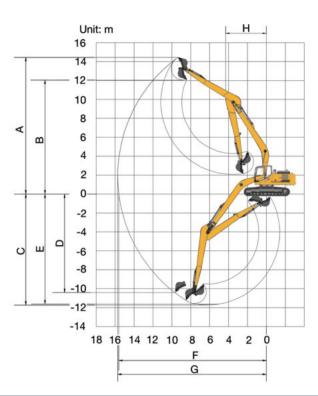
BOOM DIMENSIONS		
	925E & 925E NLC	925E LL
Boom	6,000 mm	8,500 mm
Length	6,210 mm	8,710 mm
Height	1,690 mm	1,580 mm
Width	726 mm	726 mm
Weight	2,450 kg	2,880 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS			
	925E & 9	25E NLC	925E LL
Arm	2,980 mm	2,400 mm	6,400 mm
Length	4,060 mm	3,490 mm	7,460 mm
Height	885 mm	895 mm	850 mm
Width	408 mm	408 mm	366 mm
Weight	1,240 kg	1,140 kg	1,400 kg

Cylinder, linkage and pin included.





WORKING RANGE				
		925E / 92	25E NLC	925E LL
Boom		6,000	) mm	8,500 mm
Arm Options		2,980 mm	2,400 mm	6,400 mm
A. Max. Cutting Height		9,940 mm	9,745 mm	14,410 mm
B. Max. Dumping Height		6,920 mm	6,695 mm	12,030 mm
C. Max. Digging Depth		6,925 mm	6,340 mm	11,720 mm
D. Max. Vertical wall Digging Dept	h	5,795 mm	5,445 mm	10,400 mm
E. Max. Digging Depth, 2.44 m Le	vel	6,675 mm	6,120 mm	11,620 mm
F. Max. Digging Reach		10,340 mm	9,900 mm	15,720 mm
G. Max. Digging Reach on Ground	d	10,150 mm	9,715 mm	15,620 mm
H. Min. Front Swing Radius		3,695 mm	3,860 mm	4,300 mm
Duelset Dissing Force (ISO)	Normal	165 kN	142 kN	89 kN
Bucket Digging Force (ISO)	Power Boost	179 kN	154 kN	-
Arm Dissing Force (ICO)	Normal	124 kN	136 kN	62 kN
Arm Digging Force (ISO)	Power Boost	134 kN	148 kN	-
Bucket Capacity		1.2 m³	1.4 m³	0.58 m³
Bucket Tip Radius		1,540 mm	1,540 mm	1,250 mm



				_	92	5E	925E	NLC	925E LL
Decales to the	. Cutti				6.0 m H	D Boom	6.0 m H	D Boom	8.5 m Boom
Bucket type	Capacity	width	Weight	Teeth pcs -	2.98 m	2.4 m	2.98 m	2.4 m	6.4 m
General purpose	0.58 m³	990 mm	500 kg	5	NA	NA	NA	NA	В
Heavy duty	1.1 m³	1,265 mm	1,000 kg	5	D	D	С	D	NA
General purpose	1.2 m³	1,380 mm	990 kg	5	В	NA	В	NA	NA
Heavy duty	1.2 m³	1,380 mm	1,050 kg	5	С	D	В	D	NA
General purpose	1.3 m³	1,235 mm	1,100 kg	5	В	D	NA	С	NA
Heavy duty	1.4 m³	1,460 mm	1,150 kg	5	NA	С	NA	В	NA

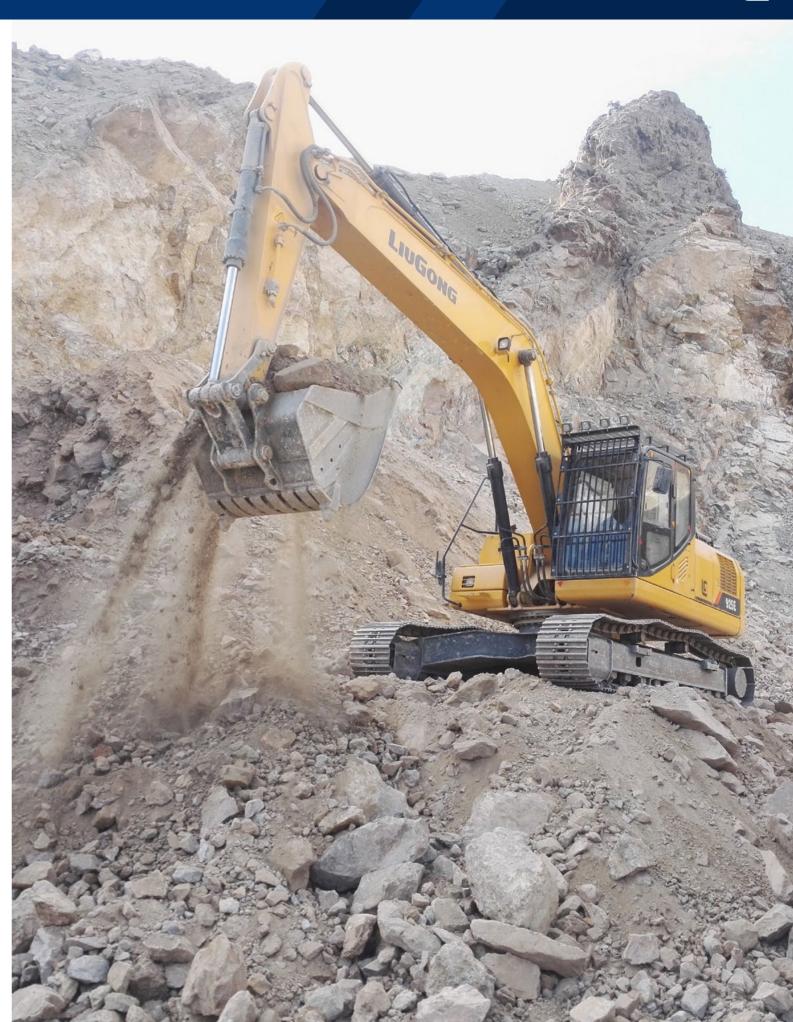
The recommendations are given as a guide only, based on typical operation conditions. Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
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 WEIG	HTS AND GROUND PRESS	URE				
			925E			
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
Shoe width	6,000 mm	boom, 2,980 mm arm,	1.2 m³ bucket,	6,000 mm	boom, 2,400 mm arm,	1.4 m³ bucket,
		5,000 kg counterweig	ht		5,000 kg counterweig	ht
600 mm	25,500 kg	50.5 kPa	3,190 mm	25,500 kg	50.5 kPa	3,190 mm
700 mm	25,800 kg	43.8 kPa	3,290 mm	25,800 kg	43.8 kPa	3,290 mm
800 mm	26,100 kg	38.8 kPa	3,390 mm	26,100 kg	38.8 kPa	3,390 mm
900 mm	26,400 kg	34.9 kPa	3,490 mm	26,400 kg	34.9 kPa	3,490 mm

925E NLC							
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	
Shoe width	6,000 mm	boom, 2,980 mm arm,	1.1 m³ bucket,	6,000 mm	boom, 2,400 mm arm,	1.3 m³ bucket,	
	5,000 kg counterweight				5,000 kg counterweig	ht	
600 mm	25,000 kg	51.9 kPa	2,990 mm	25,000 kg	51.9 kPa	2,990 mm	
700 mm	25,300 kg	45 kPa	3,090 mm	25,300 kg	45 kPa	3,090 mm	
800 mm	25,600 kg	39.8 kPa	3,190 mm	25,600 kg	39.8 kPa	3,190 mm	
900 mm	25,900 kg	35.8 kPa	3,290 mm	25,900 kg	35.8 kPa	3,290 mm	

925E LL												
Shoe width	Operating weight	Overall width										
Silve width —	8,500 mm boo	counterweight										
800 mm	27,900 kg	41.4 kPa	3,390 mm									
900 mm	28,200 kg	37.2 kPa	3,490 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)

- 1. 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 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.
- 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 all times.

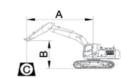
#### LIFTING CAPACITY (METRIC)

#### 925E with 600 mm shoes, 2,980 mm arm

- Load radius
- B: Load point height
  C: Lifting capacity
  Cf: Rating over front
  Cs: Rating over side

#### Conditions

Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 5,000 kg Shoes: 600 mm triple grouser Unit: kg



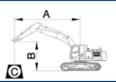
								A (U	nit: m)								
B (m)	2	2	3	3	4		5	j	E	6	7	7		В	M	AX REAC	Н
D (III)	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8									*6,500	4,330					*5,760	4,070	6.2
7											5,540	3,280			5,540	3,280	7.0
6									*6,560	4,290	5,530	3,270			4,670	2,740	7.7
5									7,070	4,150	5,450	3,200	4,340	2,520	4,250	2,460	8.1
4					*10,600	7,560	*8,860	5,290	6,870	3,970	5,330	3,090	4,280	2,470	3,870	2,210	8.5
3					*13,150	6,890	8,960	4,940	6,640	3,760	5,200	2,970	4,210	2,400	3,750	2,130	8.6
2					12,660	6,350	8,590	4,630	6,420	3,570	5,060	2,850	4,130	2,330	3,630	2,040	8.7
1					12,280	6,060	8,320	4,400	6,250	3,420	4,950	2,750	4,060	2,260	3,590	2,000	8.7
0					12,140	5,940	8,170	4,270	6,130	3,310	4,870	2,680	4,010	2,220	3,690	2,040	8.5
-1			*11,320	9,930	12,120	5,930	8,100	4,220	6,070	3,260	4,830	2,640	4,000	2,210	3,870	2,140	8.2
-2	*11,930	*11,930	*15,680	10,050	12,190	5,980	8,110	4,230	6,060	3,250	4,830	2,640			4,160	2,300	7.8
-3	*16,230	*16,230	*20,270	10,250	12,330	6,090	8,190	4,290	6,120	3,300	4,890	2,700			4,710	2,610	7.2
-4	*21,390	*21,390	*18,270	10,530	12,550	6,270	8,340	4,420	6,250	3,420					5,700	3,150	6.4
-5			*15,210	10,940	*12,240	6,540	8,620	4,650							8,090	4,410	5.2

#### 925E with 600 mm shoes, 2,400 mm arm

- Load radius
- Load point height Lifting capacity
- B: Load point height
  C: Lifting capacity
  Cf: Rating over front
  Cs: Rating over side

#### Conditions

Boom length: 6,000 mm Arm length: 2,400 mm Bucket: None Counterweight: 5,000 kg Shoes: 600 mm triple grouser Unit: kg



								A (U	nit: m)								
B (m)	2		3		4		5	5		6		7		В	М	AX REAC	ЭН
D (III)	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8															*7,410	5,080	5.4
7									7,190	4,260					6,390	3,780	6.4
6									7,130	4,210	5,450	3,210			5,320	3,130	7.1
5							*8,560	5,470	6,990	4,080	5,400	3,170			4,700	2,740	7.6
4					* 12,190	7,250	9,200	5,160	6,790	3,910	5,300	3,070			4,360	2,510	7.9
3							8,810	4,830	6,580	3,720	5,180	2,960	4,210	2,410	4,130	2,360	8.1
2							8,500	4,560	6,390	3,550	5,070	2,860	4,150	2,350	4,000	2,270	8.2
1							8,290	4,390	6,250	3,430	4,970	2,780	4,100	2,310	4,030	2,270	8.1
0					12,220	6,020	8,200	4,310	6,160	3,350	4,920	2,730	4,080	2,290	4,080	2,290	8.0
-1					12,270	6,060	8,180	4,300	6,130	3,330	4,900	2,710			4,300	2,410	7.7
-2	*13,460	*13,460	*17,550	10,400	12,380	6,140	8,230	4,340	6,170	3,350	4,940	2,750			4,760	2,660	7.2
-3			*18,670	10,590	12,560	6,280	8,350	4,440	6,260	3,440					5,590	3,110	6.5
-4			*16,330	10,890	12,830	6,500	8,560	4,620							7,160	3,960	5.6

#### LIFTING CAPACITY (METRIC)

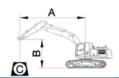
#### 925E with 800 mm shoes, 2,980 mm arm

- Load radius
- A: Load radius
  B: Load point height
  C: Lifting capacity
  Cf: Rating over front
  Cs: Rating over side Load point height Lifting capacity Rating over front

#### Conditions

Boom length: 6,000 mm one-piece boom Arm length: 2,980 mm Bucket: None

Shoes: 800 mm triple grouser Unit: kg



								A (U	Init: m)								
D ()	2	2	3	3			5	5	6	6		7		3	М	AX REAC	ж
B (m)	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8									*6,500	4,470					*5,760	4,200	6.2
7											5,710	3,390			5,710	3,390	7.0
6									*6,560	4,420	5,700	3,390			4,820	2,830	7.7
5									*7,110	4,280	5,620	3,310	4,480	2,620	4,390	2,560	8.1
4					*10,600	7,800	*8,860	5,460	7,080	4,100	5,500	3,210	4,430	2,570	4,000	2,300	8.5
3					*13,150	7,130	9,240	5,120	6,850	3,900	5,370	3,080	4,350	2,500	3,880	2,210	8.6
2					13,080	6,590	8,870	4,800	6,630	3,710	5,230	2,960	4,270	2,420	3,760	2,120	8.7
1					12,700	6,300	8,610	4,580	6,460	3,550	5,120	2,860	4,210	2,360	3,720	2,090	8.7
0					12,560	6,180	8,450	4,440	6,340	3,450	5,040	2,790	4,160	2,320	3,820	2,130	8.5
-1			*11,320	10,320	12,540	6,170	8,390	4,390	6,280	3,390	5,000	2,750	4,140	2,300	4,010	2,230	8.2
-2	*11,930	*11,930	*15,680	10,440	12,610	6,220	8,400	4,400	6,280	3,390	5,000	2,750			4,310	2,400	7.8
-3	*16,230	*16,230	* 20,270	10,640	12,750	6,330	8,470	4,460	6,330	3,440	5,060	2,810			4,880	2,720	7.2
-4	* 21,390	*21,390	*18,270	10,920	12,970	6,510	8,630	4,590	6,460	3,560					5,890	3,280	6.4
-5			*15,210	11,330	*12240	6,780	8,900	4,830							8,350	4,570	5.2

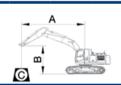
#### 925E with 800 mm shoes, 2,400 mm arm

- Load radius Load point height Lifting capacity
- A: Load radius
  B: Load point height
  C: Lifting capacity
  Cf: Rating over front
  Cs: Rating over side

#### Conditions

Boom length: 6,000 mm one-piece boom Arm length: 2,400 mm Bucket: None

Shoes: 800 mm triple grouser Unit: kg



								A (Ur	it: m)								
P (m)	2		3		4		5	5	(	6	7		8		MAX REACH		
B (m) -	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8															* 7,410	5,240	5.4
7									*7,210	4,390					6,580	3,910	6.4
6									7,340	4,340	5,630	3,320			5,480	3,240	7.1
5							*8,560	5,650	7,200	4,220	5,570	3,280			4,850	2,840	7.6
4					*12,190	7,490	9,480	5,330	7,010	4,050	5,470	3,190			4,500	2,610	7.9
3							9,100	5,010	6,790	3,860	5,350	3,080	4,360	2,500	4,270	2,450	8.1
2							8,780	4,740	6,600	3,690	5,240	2,970	4,300	2,450	4,140	2,360	8.2
1							8,580	4,560	6,460	3,560	5,150	2,890	4,250	2,400	4,170	2,360	8.1
0					12,640	6,260	8,480	4,480	6,380	3,490	5,090	2,840	4,220	2,380	4,220	2,380	8.0
-1					12,690	6,300	8,470	4,470	6,350	3,470	5,070	2,820			4,460	2,510	7.7
-2	*13,460	*13,460	*17,550	10,790	12,800	6,380	8,520	4,510	6,380	3,490	5,110	2,860			4,920	2,770	7.2
-3			*18,670	10,970	12,970	6,530	8,630	4,610	6,480	3,580					5,780	3,230	6.5
-4			*16,330	11,280	13,250	6,740	8,840	4,790							7,400	4,110	5.6



#### LIFTING CAPACITY (METRIC)

#### 925E NLC with 600 mm shoes, 2,980 mm arm

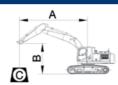
Load radius

Load point height Lifting capacity

Cf: Rating over front
Cs: Rating over side

#### **Conditions**

Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 5,000 kg Shoes: 600 mm triple grouser



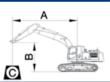
								A (Un	it: m)								
P (m)	2	2	3	3	4	ļ		5	6	6		7		8	M	AX REAC	н
B (m)	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8									6,510*	3,750					*5,760	3,520	6.2
7											4,970	2,830			4,970	2,830	7.0
6									6,480	3,710	4,960	2,820			4,190	2,340	7.7
5									6,330	3,580	4,890	2,750	3,890	2,150	3,800	2,100	8.1
4					*10,620	6,440	8,320	4,530	6,130	3,400	4,770	2,650	3,830	2,100	3,460	1,870	8.5
3					11,650	5,810	7,930	4,200	5,910	3,200	4,640	2,530	3,760	2,030	3,350	1,790	8.6
2					11,020	5,300	7,580	3,900	5,700	3,020	4,510	2,410	3,680	1,960	3,240	1,710	8.7
1					10,660	5,010	7,330	3,680	5,530	2,870	4,400	2,310	3,620	1,900	3,200	1,670	8.7
0					10,520	4,900	7,180	3,560	5,420	2,770	4,320	2,240	3,570	1,860	3,280	1,710	8.5
-1			*11,320	8,050	10,510	4,890	7,120	3,500	5,360	2,720	4,280	2,200	3,550	1,840	3,440	1,780	8.2
-2	*11,930	*11,930	*15,680	8,170	10,570	4,940	7,130	3,510	5,360	2,710	4,290	2,210			3,700	1,930	7.8
-3	*16,230	*16,230	*20,320	8,350	10,700	5,050	7,200	3,580	5,410	2,760	4,350	2,260			4,190	2,190	7.2
-4	*21,390	*21,390	*18,310	8,610	10,910	5,210	7,350	3,700	5,540	2,880					5,060	2,660	6.4
-5			*15,250	8,990	11,240	5,480	7,610	3,930							7,160	3,720	5.2

#### 925E NLC with 600 mm shoes, 2,400 mm arm

Load point height C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

#### **Conditions**

Boom length: 6,000 mm Arm length: 2,400 mm Bucket: None Counterweight: 5.000 kg Shoes: 600 mm triple grouser



								A (Un	it: m)								
D ()	2		3	3		4		5	(	6	,	7		8	MA	X REAC	Н
B (m)	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
8															*7,410	4,400	5.4
7									6,450	3,680					5,730	3,260	6.4
6									6,400	3,640	4,890	2,750			4,770	2,680	7.1
5							8,520	4,710	6,250	3,510	4,840	2,710			4,200	2,330	7.6
4					12,060	6,140	8,170	4,400	6,060	3,340	4,740	2,620			3,890	2,130	7.9
3							7,790	4,090	5,860	3,160	4,620	2,510	3,760	2,030	3,690	1,990	8.1
2							7,490	3,820	5,670	2,990	4,510	2,410	3,700	1,980	3,560	1,900	8.2
1							7,290	3,660	5,530	2,870	4,420	2,330	3,650	1,930	3,590	1,900	8.1
0					10,580	4,950	7,200	3,580	5,450	2,800	4,360	2,280	3,630	1,910	3,630	1,910	8
-1					10,630	4,990	7,180	3,560	5,420	2,770	4,350	2,260			3,830	2,010	7.7
-2	*13,460	*13,460	*17,550	8,460	10,730	5,080	7,230	3,610	5,450	2,800	4,390	2,300			4,230	2,230	7.2
-3			*18,670	8,640	10,900	5,210	7,340	3,700	5,550	2,880					4,960	2,610	6.5
-4			*16,330	8,930	11,170	5,420	7,550	3,880							6,340	3,330	5.6

## STANDARD EQUIPMENT

- · Cummins diesel engine, turbocharged, inline 6-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
- · 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

#### DIGGING EQUIPMENT

- 925F/925F NI C 6.000 mm boom
- 2.980 mm arm
- 1.2 m<sup>3</sup>/1.1 m<sup>3</sup> (SAE, heaped) bucket
- Counterweight, 5,000 kg

#### 925E LL

- 8,500 mm boom
- 6.400 mm arm
- 0.58 m³ bucket · Counterweight, 6,800 kg

#### **OPERATOR STATION**

- · Pressurized and sealed cab with all-around visibility, large roof window with slide sliding sun visor, front window wiper and removable lower
- Roll-Over Protective System (ROPS)
- Skylight rooftop
- Air conditioner, heater, defroster
- · Swing parking brake
- AM/FM radio with MP3 audio jack · 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

- 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

#### **ELECTRICAL**

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

#### UNDERCARRIAGE

- 925E/925E NLC
- 600 mm (24") track-shoes with triple grousers
- 925E LL
- 800 mm (32") track-shoes with triple grousers • 2 piece track-guards (each side)
- Towing eye on base frame

#### GUARDS

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

#### **OTHER STANDARD EQUIPMENT**

- Maintenance tool kit
- · Maintenance parts package

## **OPTIONAL EQUIPMENT**

#### **ENGINE SYSTEM**

• Electrical fuel refilling pump

#### **HYDRAULIC SYSTEM**

- Control pattern change valve
- Breaker & shear Oil drain line
- 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)
- Rear view camera 5.7" monitor
- Control joysticks with 2 switch & 1 proportional
- Safety net for front window

- and top guard, bar)
- Operation protection screen (on cab front, net)
  Operation protection screen (front-lower)

#### **UPPER STRUCTURE**

- Belly guard and 8 mm thickness platform
- Bucket cylinder guard

#### UNDERCARRIAGE

- 3 piece track-guards (each side)
- 700 mm, 800 mm, 900 mm track-shoes with
- 900 mm track-shoes with triple grousers

#### **DIGGING EQUIPMENT**

- Hydraulic hammers (LiuGong & Soosan)
- Hydraulic quick coupler
- Quartered grapple

- Arm: 2.400 mm
- Bucket: 1.2 m<sup>3</sup>



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