

SPECIFICATIONS

Operating weight	25,500 kg (56,218 lb)
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lb).	
Bucket capacity	0.58 -1.4 m³ (0.76 -1.83 yd³)

ENGINE

Description

Cummins EPA Tier 4 final / EU Stage IV, 6-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 6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	After cooler
Cooling fan drive	Viscous clutch
Displacement	6.7 L (1.8 gal) 6,700 cm ³ (409 in ³)
Rated speed	2,000 rpm
Engine output - net (SAE J1349 / ISO 9249)	129 kW (173 hp)
Engine output - gross (SAE J1995 / ISO 14396)	142 kW (190 hp)
Maximum torque	809 N·m (597 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE

Track shoe each side	51
Link pitch	190 mm (7.5")
Shoe width, triple grouser	600/700/800/900 mm (24"/28"/32"/35")
Bottom rollers each side	9
Top rollers each side	2

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	11.6 rpm
Swing torque	80,800 N·m (59,595 lbf·ft)

HYDRAULIC SYSTEM

Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 240 L/min (2 × 63.4 gal/min)
Pilot pump	
Type	Gear pump
Maximum flow	19 L/min (5 gal/min)
Relief valve setting	
Implement	34.3/37.3 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	25.5 MPa (3,698 psi)
Pilot circuit	3.9 MPa (566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ130 × 1,350 mm (Φ5.1" × 4'5")
Stick Cylinder – Bore × Stroke	Φ145 × 1,635 mm (Φ5.7" × 5'4")
Bucket Cylinder – Bore × Stroke	Φ130 × 1,075 mm (Φ5.1" × 3'6")

ELECTRIC SYSTEM

System voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW (24 V - 10.5 hp)

SERVICE CAPACITIES

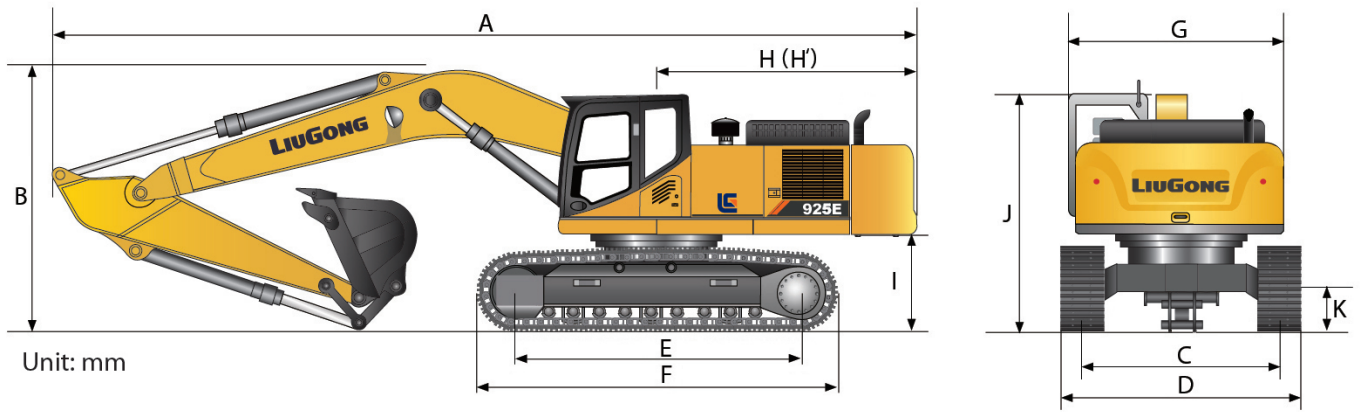
Fuel tank	470 L (124.2 gal)
Engine oil	25 L (6.6 gal)
Final drive (each)	5.5 L (1.5 gal)
Swing drive	4.4 L (1.2 gal)
Cooling system	30 L (7.9 gal)
Hydraulic reservoir	210 L (55.5 gal)
Hydraulic system total	330 L (87.2 gal)
DEF tank	35 L (9.2 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	76 dB(A)
Exterior Sound Power Level (ISO 6395)	102 dB(A)

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 (3.7 mph) Low: 3.5 km/h (2.2 mph)
Gradeability	35°/70%
Max. drawbar pull	229 kN (51,481 lbf)



DIMENSIONS

	925E	925E LL	925E NLC
Boom	6,000 mm (19' 8")	8,500 mm (27' 11")	6,000 mm (19' 8")
Arm Options	2,980 mm (9' 9")	2,400 mm (7' 10")	6,400 mm (21')
A Shipping Length	10,210 mm (33' 6")	10,200 mm (33' 6")	12,540 mm (41' 2")
B Shipping Height – Top of Boom	3,480 mm (11' 5")	3,100 mm (10' 2")	3,480 mm (11' 5")
C Track Gauge	2,590 mm (8' 6")	2,590 mm (8' 6")	2,390 mm (7' 10")
D Undercarriage Width – 600 mm Shoes	3,190 mm (10' 6")	3,190 mm (10' 6")	2,990 mm (9' 10")
700 mm Shoes	3,290 mm (10' 10")	3,290 mm (10' 10")	3,090 mm (10' 2")
800 mm Shoes	3,390 mm (11' 1")	3,390 mm (11' 1")	3,190 mm (10' 6")
900 mm Shoes	3,490 mm (11' 5")	3,490 mm (11' 5")	3,290 mm (10' 10")
E Length to Center of Rollers	3,840 mm (12' 7")	3,840 mm (12' 7")	3,650 mm (12')
F Track Length	4,635 mm (15' 2")	4,635 mm (15' 2")	4,445 mm (14' 7")
G Overall Width of Upper Structure	2,760 mm (9' 1")	2,760 mm (9' 1")	2,760 mm (9' 1")
H Tail swing Radius	3,010 mm (9' 11")	3,010 mm (9' 11")	3,010 mm (9' 11")
I Counterweight Ground Clearance	1,055 mm (3' 6")	1,055 mm (3' 6")	1,055 mm (3' 6")
J Overall Height of Cab	3,050 mm (10')	3,050 mm (10')	3,050 mm (10')
K Min. Ground Clearance	440 mm (1' 5")	440 mm (1' 5")	440 mm (1' 5")
L Track Shoe Width	600 mm (24")	600 mm (24")	600 mm (24")

BOOM DIMENSIONS

	925E & 925E NLC STANDARD	925E LL LONG-REACH
Boom	6,000 mm (19' 8")	8,500 mm (27' 11")
Length	6,210 mm (20' 4")	8,710 mm (28' 7")
Height	1,690 mm (5' 7")	1,580 mm (5' 2")
Width	726 mm (2' 5")	726 mm (2' 5")
Weight	2,450 kg (5,401 lb)	2,880 kg (6,349 lb)

Includes cylinder, piping and pin, excludes boom cylinder pin.

ARM DIMENSIONS

	925E & 925E NLC STANDARD	925E & 925E NLC SHORT ARM	925E LL LONG-REACH
Arm	2,980 mm (9' 9")	2,400 mm (7' 10")	6,400 mm (21')
Length	4,060 mm (13' 4")	3,490 mm (11' 5")	7,460 mm (24' 6")
Height	885 mm (2' 11")	895 mm (2' 11")	850 mm (2' 9")
Width	408 mm (1' 4")	408 mm (1' 4")	366 mm (1' 2")
Weight	1,240 kg (2,734 lb)	1,140 kg (2,513 lb)	1,400 kg (3,086 lb)

Includes cylinder, linkage and pin.

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	925E		925E NLC		925E LL
					6.0 m (19' 8") HD Boom				8.5 m (27' 11")
					2.98 m (9' 9")	2.4 m (7'10")	2.98 m (9' 9")	2.4 m (7'10")	6.4 m (21')
General purpose	0.58 m ³ (0.76 yd ³)	990 mm (3' 3")	500 kg (1,102 lb)	5	NA	NA	NA	NA	B
Heavy duty	1.1 m ³ (1.44 yd ³)	1,265 mm (4' 2")	1,000 kg (2,205 lb)	5	D	D	C	D	NA
General purpose	1.2 m ³ (1.57 yd ³)	1,380 mm (4' 6")	990 kg (2,183 lb)	5	B	NA	B	NA	NA
Heavy duty	1.2 m ³ (1.57 yd ³)	1,380 mm (4' 6")	1,050 kg (2,315 lb)	5	C	D	B	D	NA
General purpose	1.3 m ³ (1.70 yd ³)	1,235 mm (4' 1")	1,100 kg (2,425 lb)	5	B	D	NA	C	NA
Heavy duty	1.4 m ³ (1.83 yd ³)	1,460 mm (4' 9")	1,150 kg (2,535 lb)	5	NA	C	NA	B	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 (2,023 - 2,191 lb/yd³): Coal, Caliche, Shale
- B 1,400 - 1,600 kg/m³ (2,360 - 2,697 lb/yd³): Wet earth and clay, limestone, sandstone
- C 1,700 - 1,800 kg/m³ (2,865 - 3,034 lb/yd³): Granite, wet sand, well blasted rock
- D 1,900 kg/m³ (3,203 lb/yd³): Wet mud, Iron ore
- NA. Not applicable

MACHINE WEIGHTS AND GROUND PRESSURE

925E

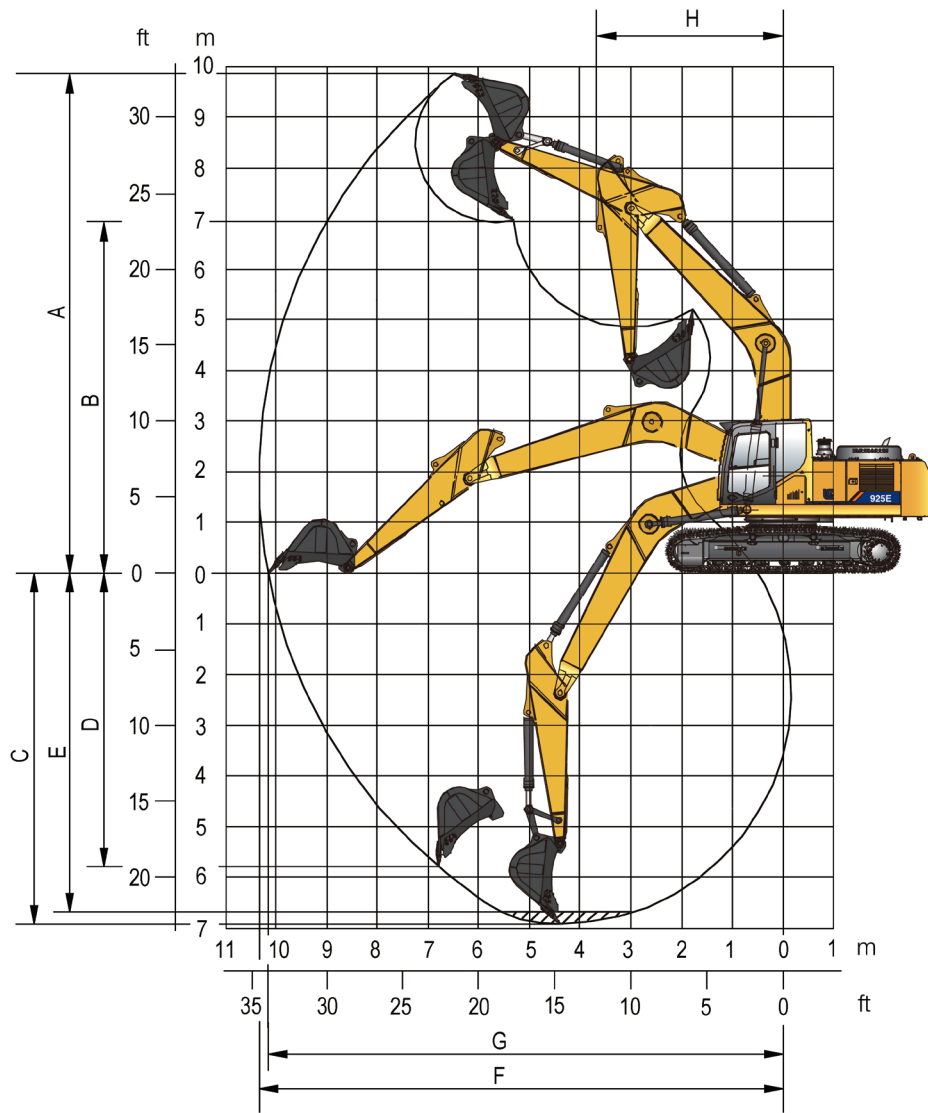
Shoe width	Operating weight		Ground pressure		Overall width	
	6.0 m (19' 8") boom, 2.98 m (9' 9") arm, 1.2 m ³ (1.57 yd ³) bucket, 5,000 kg (11,023 lb) counterweight					
600 mm (24")	25,500 kg (56,218 lb)	50.5 kPa (7.3 psi)	3,190 mm (10' 6")	25,500 kg (56,218 lb)	50.5 kPa (7.3 psi)	3,190 mm (10' 6")
700 mm (28")	25,800 kg (56,879 lb)	43.8 kPa (6.4 psi)	3,290 mm (10' 10")	25,800 kg (56,879 lb)	43.8 kPa (6.4 psi)	3,290 mm (10' 10")
800 mm (32")	26,100 kg (57,541 lb)	38.8 kPa (5.6 psi)	3,390 mm (11' 1")	26,100 kg (57,541 lb)	38.8 kPa (5.6 psi)	3,390 mm (11' 1")
900 mm (35")	26,400 kg (58,202 lb)	34.9 kPa (5.1 psi)	3,490 mm (11' 5")	26,400 kg (58,202 lb)	34.9 kPa (5.1 psi)	3,490 mm (11' 5")

925E LL

Shoe width	Operating weight		Ground pressure		Overall width	
	8.5 m (27' 11") boom, 6.4 m (21') arm, 0.5 m ³ (0.65 yd ³) bucket, 6,800 kg (14,991 lb) counterweight					
600 mm (24")	-	-	-	-	-	-
700 mm (28")	-	-	-	-	-	-
800 mm (32")	27,900 kg (61,509 lb)	41.4 kPa (6.0 psi)	3,390 mm (11' 1")	27,900 kg (61,509 lb)	41.4 kPa (6.0 psi)	3,390 mm (11' 1")
900 mm (35")	28,200 kg (62,170 lb)	37.2 kPa (5.4 psi)	3,490 mm (11' 5")	28,200 kg (62,170 lb)	37.2 kPa (5.4 psi)	3,490 mm (11' 5")

925E NLC

Shoe width	Operating weight		Ground pressure		Overall width	
	6.0 m (19' 8") boom, 2.98 m (9' 9") arm, 1.1 m ³ (1.44 yd ³) bucket, 5,000 kg (11,023 lb) counterweight					
600 mm (24")	25,000 kg (55,116 lb)	51.9 kPa (7.5 psi)	2,990 mm (9' 10")	25,000 kg (55,116 lb)	51.9 kPa (7.5 psi)	2,990 mm (9' 10")
700 mm (28")	25,300 kg (55,777 lb)	45 kPa (6.5 psi)	3,090 mm (10' 2")	25,300 kg (55,777 lb)	45 kPa (6.5 psi)	3,090 mm (10' 2")
800 mm (32")	25,600 kg (56,438 lb)	39.8 kPa (5.8 psi)	3,190 mm (10' 6")	25,600 kg (56,438 lb)	39.8 kPa (5.8 psi)	3,190 mm (10' 6")
900 mm (35")	25,900 kg (57,100 lb)	35.8 kPa (5.2 psi)	3,290 mm (10' 10")	25,900 kg (57,100 lb)	35.8 kPa (5.2 psi)	3,290 mm (10' 10")



WORKING RANGE

	925E		925E LL	925E NLC	
Boom	6,000 mm (19' 8")		8,500 mm (27' 11")	6,000 mm (19' 8")	
Arm Options	2,980 mm (9' 9")	2,400 mm (7' 10")	6,400 mm (21')	2,980 mm (9' 9")	2,400 mm (7' 10")
A. Max. cutting height	9,940 mm (32' 7")	9,745 mm (32')	14,410 mm (47' 3")	9,940 mm (32' 7")	9,745 mm (32')
B. Max. dumping height	6,920 mm (22' 8")	6,695 mm (21' 12")	12,030 mm (39' 6")	6,920 mm (22' 8")	6,695 mm (22')
C. Max. digging depth	6,925 mm (22' 9")	6,340 mm (20' 10")	11,720 mm (38' 5")	6,925 mm (22' 9")	6,340 mm (20' 10")
D. Max. vertical wall digging depth	5,795 mm (19')	5,445 mm (17' 10")	10,400 mm (34' 1")	5,795 mm (19')	5,445 mm (17' 10")
E. Max. digging depth 2.44 m (8') level	6,675 mm (21' 11")	6,120 mm (20' 1")	11,620 mm (38' 1")	6,675 mm (21' 11")	6,120 mm (20' 1")
F. Max. digging reach	10,340 mm (33' 11")	9,900 mm (32' 6")	15,720 mm (51' 7")	10,340 mm (33' 11")	9,900 mm (32' 6")
G. Max. digging reach on ground	10,150 mm (33' 4")	9,715 mm (31' 10")	15,620 mm (51' 3")	10,150 mm (33' 4")	9,715 mm (31' 10")
H. Min. front swing radius	3,695 mm (12' 1")	3,860 mm (12' 8")	4,300 mm (14' 1")	3,695 mm (12' 1")	3,860 mm (12' 8")
Bucket Digging Force (ISO)	165 kN (37,093 lbf)	142 kN (31,923 lbf)	89 kN (20,008 lbf)	165 kN (37,093 lbf)	142 kN (31,923 lbf)
	179 kN (40,241 lbf)	154 kN (34,621 lbf)	-	179 kN (40,241 lbf)	154 kN (34,621 lbf)
Stick Digging Force (ISO)	124 kN (27,876 lbf)	136 kN (30,574 lbf)	62 kN (13,938 lbf)	124 kN (27,876 lbf)	136 kN (30,574 lbf)
	134 kN (30,124 lbf)	148 kN (33,272 lbf)	-	134 kN (30,124 lbf)	148 kN (33,272 lbf)
Bucket Capacity	1.2 m ³ (1.57 yd ³)	1.4 m ³ (1.83 yd ³)	0.5 m ³ (0.65 yd ³)	1.1 m ³ (1.44 yd ³)	1.4 m ³ (1.83 yd ³)
Bucket Tip Radius	1,540 mm (5' 1")		1,250 mm (4' 1")	1,540 mm (5' 1")	

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.

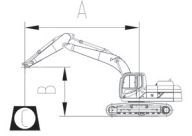
LIFTING CAPACITY (METRIC)

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

A: Reach from swing center
 B: Bucket hook 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



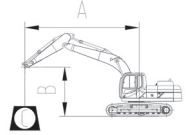
B (m)	A (Unit: m)																A (m)		
	2		3		4		5		6		7		8		MAX REACH				
8									6,500*	4,330							5,760*	4,070	6.2
7											5,540	3,280					5,540	3,280	7.0
6									6,560*	4,290	5,530	3,270					4,670	2,740	7.7
5									7,070	4,150	5,450	3,200	4,340	2,520			4,250	2,460	8.1
4					10,600*	7,560	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

A: Reach from swing center
 B: Bucket hook 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



B (m)	A (Unit: m)																A (m)		
	2		3		4		5		6		7		8		MAX REACH				
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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 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)

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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.

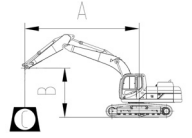
LIFTING CAPACITY (METRIC)

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

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

Conditions

Boom length: 6,000 mm one-piece boom
 Arm length: 2,980 mm
 Bucket: None
 Shoes: 800 mm triple grouser
 Unit: kg



A (Unit: m)

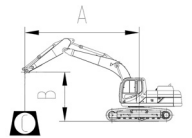
B (m)	2		3		4		5		6		7		8		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
8									6,500*	4,470					5,760*	4,200	6.2
7											5,710	3,390			5,710	3,390	7.0
6									6,560*	4,420	5,700	3,390			4,820	2,830	7.7
5									7,110*	4,280	5,620	3,310	4,480	2,620	4,390	2,560	8.1
4					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	12,240*	6,780	8,900	4,830							8,350	4,570	5.2

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

A: Reach from swing center
 B: Bucket hook 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 (Unit: m)

B (m)	2		3		4		5		6		7		8		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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 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.

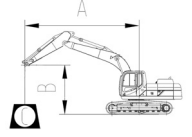
LIFTING CAPACITY (METRIC)

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

A: Reach from swing center
 B: Bucket hook 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 (Unit: m)

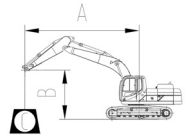
B (m)	2		3		4		5		6		7		8		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
8									6,510*	3,750					5,760*	3,520	6.2
7											4,970	2,830			4,970	2,830	7.0
6									6,480	3,710	4,960	2,820			4,190	2,340	7.7
5									6,330	3,580	4,890	2,750	3,890	2,150	3,800	2,100	8.1
4					10,620*	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

A: Reach from swing center
 B: Bucket hook 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 (Unit: m)

B (m)	2		3		4		5		6		7		8		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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.

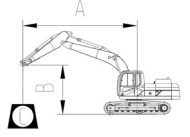
LIFTING CAPACITY (IMPERIAL)

925E with 24" shoes, 9' 9" arm

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

Conditions

Boom length: 19' 8"
 Arm length: 9' 9"
 Bucket: None
 Counterweight: 11,023 lb
 Shoes: 24" triple grouser
 Unit: lb



A (Unit: ft)

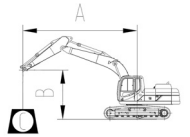
B (ft)	10		15		20		25		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
25					14,104*	9,329			13,924*	8,516	21
20					14,382*	9,217	10,487	6,157	10,487	6,157	25
15					14,997	8,754	10,341	6,025	9,074	5,240	27
10			23,077	12,493	14,283	8,121	10,035	5,742	8,375	4,757	28
5			21,613	11,274	13,615	7,530	9,715	5,451	8,196	4,592	28
0			20,932	10,707	13,181	7,145	9,490	5,246	8,082	4,486	28
-5	30,451*	21,313	20,826	10,619	13,033	7,012	9,435	5,198	8,948	4,947	26
-10	43,948*	21,895	21,102	10,850	13,174	7,138			10,778	5,952	23
-15	36,351*	22,938	21,798	11,430					14,830	8,176	19

925E with 24" shoes, 7' 10" arm

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

Conditions

Boom length: 19' 8"
 Arm length: 7' 10"
 Bucket: None
 Counterweight: 11,023 lb
 Shoes: 24" triple grouser
 Unit: lb



A (Unit: ft)

B (ft)	10		15		20		25		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
25									16,203*	9,936	19
20					15,310	9,049			11,986	7,061	23
15			21,285*	13,571	14,830	8,626	10,268	5,974	10,268	5,974	25
10			22,605	12,129	14,168	8,040	10,026	5,751	9,431	5,405	26
5			21,399	11,126	13,591	7,526	9,768	5,515	8,730	4,936	27
0			21,011	10,802	13,264	7,237	9,616	5,376	9,111	5,110	26
-5	32,621*	22,065	21,089	10,868	13,223	7,202			10,205	5,694	24
-10	40,522*	22,619	21,503	11,212	13,500	7,447			12,597	7,006	21
-15			22,436	11,988					20,112	10,932	16

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.

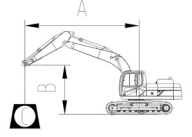
LIFTING CAPACITY (IMPERIAL)

925E with 32" shoes, 9' 9" arm

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

Conditions

Boom length: 19' 8"
 Arm length: 9' 9"
 Bucket: None
 Counterweight: 11,023 lb
 Shoes: 32" triple grouser
 Unit: lb



A (Unit: ft)

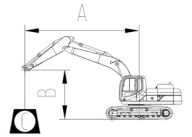
B (ft)	10		15		20		25		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
25					14,104*	12,927			13,924*	8,791	21
20					14,382*	11,710	10,824	6,380	10,824	6,380	25
15					15,456	11,141	10,679	6,247	9,378	5,443	27
10			23,800	12,927	14,744	11,055	10,370	5,965	8,666	4,951	28
5			22,336	11,710	14,076	11,285	10,052	5,674	8,485	4,786	28
0			21,655	11,141	13,641	11,865	9,828	5,469	8,370	4,680	28
-5	30,451*	22,145	21,549	11,055	13,492	7,308	9,772	5,418	9,268	5,158	26
-10	43,948*	22,729	21,825	11,285	13,633	7,433			11,155	6,199	23
-15	36,351*	23,772	22,522	11,865					15,326	8,492	19

925E with 32" shoes, 7' 10" arm

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

Conditions

Boom length: 19' 8"
 Arm length: 7' 10"
 Bucket: None
 Counterweight: 11,023 lb
 Shoes: 32" triple grouser
 Unit: lb



A (Unit: ft)

B (ft)	10		15		20		25		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
25									16,203*	10,249	19
20					15,769	9,345			12,363	7,308	23
15			21,285*	14,005	15,291	8,919	10,606	6,194	10,606	6,194	25
10			23,328	12,563	14,629	8,333	10,363	5,974	9,750	5,617	26
5			22,123	11,560	14,049	7,821	10,105	5,738	9,034	5,138	27
0			21,735	11,236	13,723	7,533	9,953	5,599	9,431	5,321	26
-5	32,621*	22,899	21,812	11,302	13,683	7,495			10,559	5,928	24
-10	40,522*	23,452	22,226	11,646	13,959	7,742			13,024	7,283	21
-15			23015*	12,422					20,760	11,329	16

STANDARD EQUIPMENT

ENGINE SYSTEM

- 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 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

DIGGING EQUIPMENT

925E

- 6,000 mm (19' 8") boom
- 2,980 mm (9' 9") arm
- 1.2 m³ (1.57 yd³) (SAE, heaped) bucket

925E NLC

- 6,000 mm (19' 8") boom
- 2,980 mm (9' 9") arm
- 1.1 m³ (1.44 yd³) (SAE, heaped) bucket

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
- 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

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

ELECTRICAL

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

UNDERCARRIAGE

- 600 mm (24") 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

- Counterweight, 5,000 kg (11,023 lb)
- Maintenance tool kit
- Maintenance parts package

OPTIONAL EQUIPMENT

ENGINE SYSTEM

- Electrical fuel refilling pump

HYDRAULIC SYSTEM

- Control pattern change valve
- Hydraulic lines:
 - Breaker & shear
 - Slope & rotator
 - Grapple
 - Oil drain line
 - 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)
- Rear view camera 5.7" monitor
- Air suspension seat
- Control joysticks with 2 switch & 1 proportional
- Safety net for front window
- Rain visor
- Travel alarm
- Rotating beacon
- Operation protection guard (included cab front and top guard, bar)
- Operation protection screen (on cab front, net)
- Operation protection screen (front-lower)

UPPER STRUCTURE

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

UNDERCARRIAGE

- 700 mm (28"), 800 mm (32"), 900 mm (35") track-shoes with triple grousers
- 3 piece track-guards (each side)

DIGGING EQUIPMENT

925E

- Boom: long reach 8,500 mm (27' 11")
- Arm: 2.4 m (7' 10"), long reach 6.4 m (21')

925E NLC

- Arm: 2.4 m (7' 10")
- Bucket: 1.2 m³ (1.57 yd³)
- Hydraulic hammer (LiuGong & Soosan)



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