

SPECIFICATIONS

Operating weight	22,800 kg (50,265 lbs)
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lbs).	
Bucket capacity	0.9-1.2 m³ (1.18-1.57 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: Charge air cooler.	
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	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	6.7 L (1.8 gal) 6,700 cm ³ (409 in ³)
Rated speed	2,100 rpm
Engine output - net (SAE J1349 / ISO 9249)	119 kW (160 hp)
Engine output - gross (SAE J1995 / ISO 14396)	129 kW (173 hp)
Maximum torque	800 N·m (590 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE	
Track shoe each side	49
Link pitch	190 mm (7.5")
Shoe width, triple grouser	600/700/800/900 mm (24"/28"/32"/35")
Bottom rollers each side	8
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	11.4 rpm
Swing torque	78,200 N·m (57,677 lbf·ft)

HYDRAULIC SYSTEM	
Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 224 L/min (2 × 59.2 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)

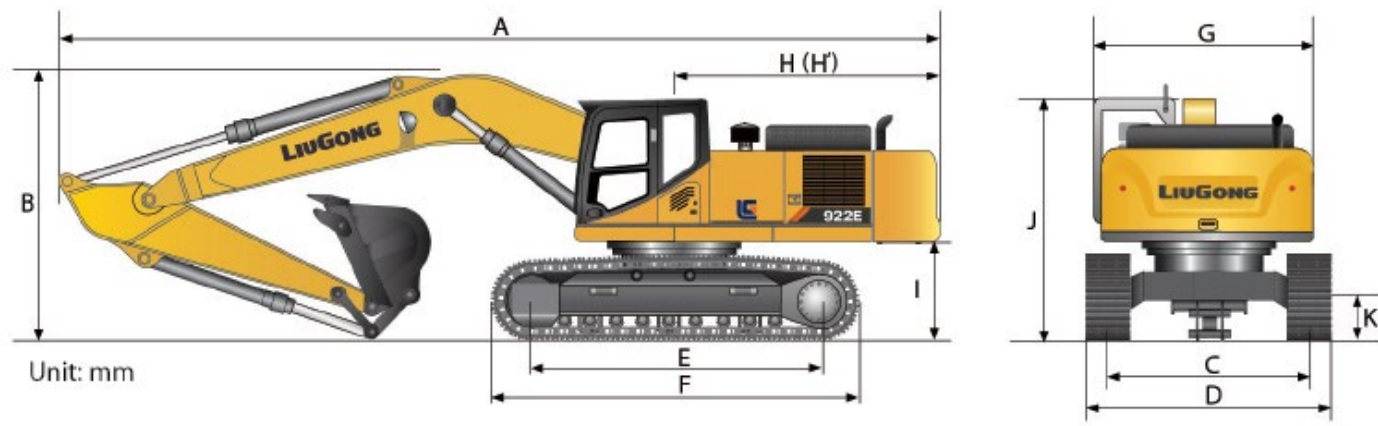
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ120 × 1,335 mm (Φ4.7" × 4'5")
Stick Cylinder – Bore × Stroke	Φ135 × 1,490 mm (Φ5.3" × 4'11")
Bucket Cylinder – Bore × Stroke	Φ115 × 1,120 mm (Φ4.5" × 3'8")

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	420 L (111 gal)
Engine oil	25 L (6.6 gal)
Final drive (each)	5.5 L (1.5 gal)
Swing drive	3.4 L (0.9 gal)
Cooling system	25 L (6.6 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)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	100 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: 5.6 km/h (3.5 mph) Low: 3.3 km/h (2.1 mph)
Gradeability	35°/70%
Max. drawbar pull	220 kN (49,458 lbf)



DIMENSIONS

	922E	922ELL
Boom	5,710 mm (18'9")	8,500 mm (27'11")
Arm Options	2,915 mm (9'7")	2,700 mm (8'10")
A Shipping Length	9,570 mm (31'5")	12,435 mm (40'10")
B Shipping Height – Top of Boom	3,140 mm (10'4")	3,200 mm (10'6")
C Track Gauge	2,390 mm (7'10")	2,390 mm (7'10")
D Undercarriage Width – with 600 mm (24") Shoes	2,990 mm (9'10")	/
700 mm (28") Shoes	3,090 mm (10'2")	/
800 mm (32") Shoes	3,190 mm (10'6")	3,190 mm (10'6")
900 mm (35") Shoes	3,290 mm (10'10")	3,290 mm (10'10")
E Length to Center of Rollers	3,650 mm (12')	3,650 mm (12')
F Track Length	4,440 mm (14'7")	4,440 mm (14'7")
G Overall Width of Upper Structure	2,760 mm (9'1")	2,760 mm (9'1")
H Tail Swing Radius	2,780 mm (9'1")	2,780 mm (9'1")
I Counterweight Ground Clearance	1,070 mm (3'6")	1,070 mm (3'6")
J Overall Height of Cab	3,040 mm (10')	3,040 mm (10')
K Min. Ground Clearance	440 mm (1'5")	440 mm (1'5")
L Track Shoe Width	600 mm (24")	800 mm (32")

BOOM DIMENSIONS

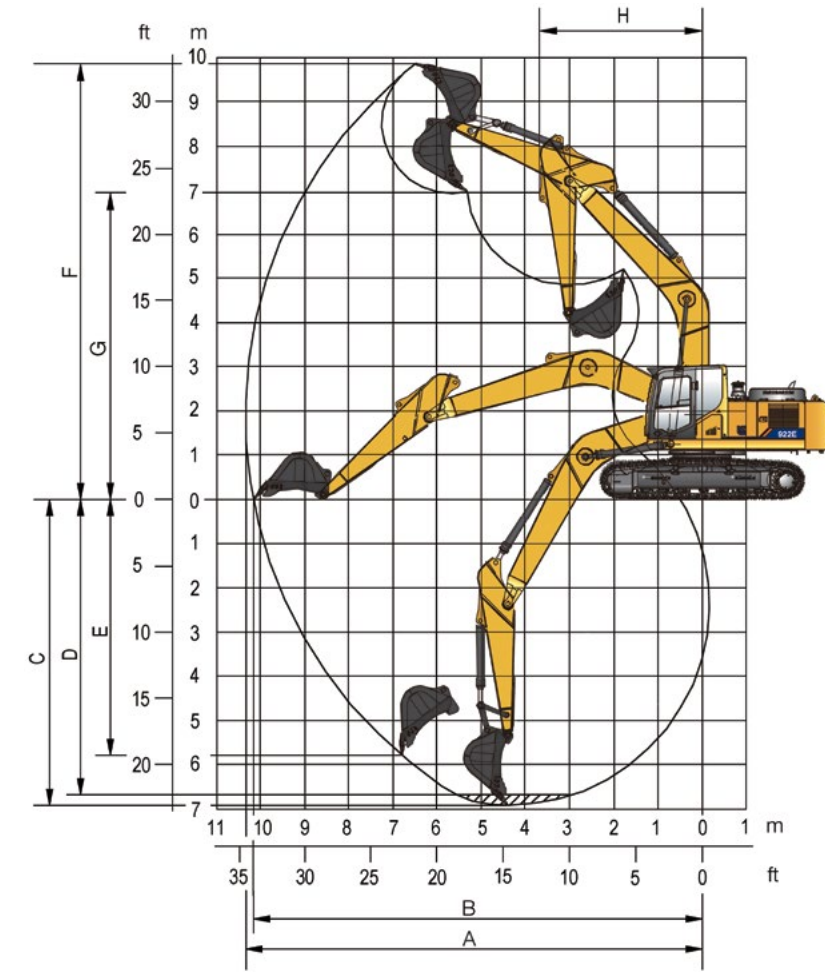
	922E	922ELL
Boom	5,710 mm (18'9")	8,500 mm (27'11")
Length	5,915 mm (19'5")	8,690 mm (28'6")
Height	1,550 mm (5'1")	1,585 mm (5'2")
Width	621 mm (2')	800 mm (2'7")
Weight	1,895 kg (4,178 lbs)	2,660 kg (5,864 lbs)

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

ARM DIMENSIONS

	922E	922ELL
Arm	2,915 mm (9'7")	2,700 mm (8'10")
Length	3,895 mm (12'9")	3,685 mm (12'1")
Height	790 mm (2'7")	810 mm (2'9")
Width	466 mm (1'6")	470 mm (1'6")
Weight	1,110 kg (2,447 lbs)	1,073 kg (2,366 lbs)

Cylinder, linkage and pin included.



WORKING RANGE

	922E	922ELL
Boom	5,710 mm (18'9")	8,500 mm (27'11")
Arm Options	2,915 mm (9'7")	2,700 mm (8'10")
A. Max. Digging Reach	9,870 mm (32'5")	9,735 mm (31'11")
B. Max. Digging Reach on Ground	9,685 mm (31'9")	9,550 mm (31'4")
C. Max. Digging Depth	6,562 mm (21'6")	6,380 mm (20'11")
D. Max. Digging Depth, 2.44 m (8') Level	6,390 mm (21')	6,140 mm (20'2")
E. Max. Vertical Wall Digging Depth	5,080 mm (16'8")	5,040 mm (16'6")
F. Max. Cutting Height	9,945 mm (32'8")	9,970 mm (32'9")
G. Max. Dumping Height	7,170 mm (23'6")	7,200 mm (23'7")
H. Min. Front Swing Radius	3,090 mm (10'2")	3,120 mm (10'3")
Bucket Digging Force (ISO)	Normal	140 kN (31,473 lbf)
	Power Boost	152 kN (34,171 lbf)
Arm Digging Force (ISO)	Normal	97 kN (21,806 lbf)
	Power Boost	105 kN (23,605 lbf)
Bucket Capacity	1.0 m ³ (1.31 yd ³)	1.1 m ³ (1.44 yd ³)
Bucket Tip Radius	1,450 mm (4'9")	1,450 mm (4'9")

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	922E		922ELL
					5.7 m (18'9") boom	2.9 m (9'7") arm	2.7 m (8'10") arm
General purpose	0.45 m ³ (0.59 yd ³)	865 mm (2'10")	372 kg (820 lbs)	4	NA	NA	A
Heavy duty	0.9 m ³ (1.18 yd ³)	1,083 mm (3'7")	786 kg (1,733 lbs)	5	B	B	NA
General purpose	0.95 m ³ (1.24 yd ³)	1,268 mm (4'2")	769 kg (1,695 lbs)	5	B	B	NA
Heavy duty	1 m ³ (1.31 yd ³)	1,113 mm (3'8")	887 kg (1,956 lbs)	5	B	B	NA
Wide and shallow bucket	1 m ³ (1.31 yd ³)	1,227 mm (4')	850 kg (1,874 lbs)	5	A	A	NA
Super heavy duty	1 m ³ (1.31 yd ³)	1,280 mm (4'2")	905 kg (1,995 lbs)	5	C	C	NA
Heavy duty	1.1 m ³ (1.44 yd ³)	1,330 mm (4'4")	852 kg (1,878 lbs)	6	B	B	NA
Heavy duty	1.2 m ³ (1.57 yd ³)	1,420 mm (4'8")	915 kg (2,017 lbs)	6	A	A	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

922E						
Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	5.7 m (18'9") boom, 2.9 m (9'7") arm, 1.0 m ³ (1.3 yd ³) bucket, 4,000 kg (8,818 lbs) counterweight			5.7 m (18'9") boom, 2.7 m (8'10") arm, 1.1 m ³ (1.44 yd ³) bucket, 4,000 kg (8,818 lbs) counterweight		
600 mm (24")	22,800 kg (50,265 lbs)	46.9 kPa (6.8 psi)	2,990 mm (9'10")	22,800 kg (50,265 lbs)	46.9 kPa (6.8 psi)	2,990 mm (9'10")
700 mm (28")	23,080 kg (50,883 lbs)	40.7 kPa (5.9 psi)	3,090 mm (10'2")	23,080 kg (50,883 lbs)	40.7 kPa (5.9 psi)	3,090 mm (10'2")
800 mm (32")	23,370 kg (51,522 lbs)	36 kPa (5.2 psi)	3,190 mm (10'6")	23,370 kg (51,522 lbs)	36 kPa (5.2 psi)	3,190 mm (10'6")
900 mm (35")	23,650 kg (52,139 lbs)	32.4 kPa (4.7 psi)	3,290 mm (10'10")	23,650 kg (52,139 lbs)	32.4 kPa (4.7 psi)	3,290 mm (10'10")

MACHINE WEIGHTS AND GROUND PRESSURE

922ELL			
Shoe width	Operating weight	Ground pressure	Overall width
	8.5 m (27'11") boom, 6.4 m (21') arm, 0.45 m ³ (0.59 yd ³) bucket, 5,000 kg (11,023 lbs) counterweight		
800 mm (32")	24,650 kg (54,344 lbs)	38.0 kPa (5.5 psi)	3,190 mm (10'6")
900 mm (35")	24,930 kg (54,961 lbs)	34.2 kPa (5.0 psi)	3,290 mm (10'10")

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 capacities.
- 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.
- Ratings at bucket lift hook.

- 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 at all times.

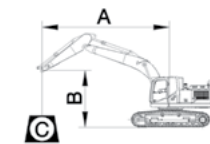
LIFTING CAPACITY (METRIC)

922E with 600 mm shoes, 2,700 mm arm

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

Conditions

Boom length: 5,710 mm
Arm length: 2,700 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



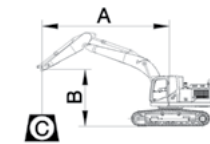
B (m)	A (Unit: m)										
	3		4.5		6		7.5		MAX REACH		A (m)
7.5											
6.0					*4,430	*4,430			*4,430	*4,430	7.1
4.5			*7,360	*7,360	*6,420	5,710	*6,070	4,130	*4,310	3,880	7.8
3.0			*9,530	8,160	*7,410	5,500	6,280	4,040	*4,040	3,560	8.2
1.5			*11,460	7,750	*8,410	5,290	6,170	3,950	*5,050	3,500	8.2
GROUND LEVEL			*12,440	7,540	8,370	5,160	6,100	3,880	*5,540	3,570	8.0
-1.5	*12,440	*12,440	*12,500	7,500	8,310	5,110	6,090	3,870	6,090	3,870	7.5
-3.0	*16,480	14,170	*11,690	7,570	8,370	5,150			7,320	4,590	6.6
-4.5	*13,170	*13,170	*9,400	7,780					*8,050	6,580	5.1

922E with 700 mm shoes, 2,700 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: 5,710 mm
Arm length: 2,700 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 700 mm triple grouser
Unit: kg



B (m)	A (Unit: m)										
	3		4.5		6		7.5		MAX REACH		A (m)
7.5	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0					*4,430	*4,430			*4,430	*4,430	7.1
4.5			*7,360	*7,360	*6,420	5,800	*6,070	4,200	*4,310	3,960	7.8
3.0			*9,530	8,310	*7,410	5,590	6,390	4,120	*4,040	3,620	8.2
1.5			*11,460	7,890	*8,410	5,390	6,280	4,020	*5,050	3,570	8.2
GROUND LEVEL			*12,440	7,680	8,520	5,260	6,210	3,950	*5,540	3,640	8.0
-1.5	*12,440	*12,440	*12,500	7,640	8,460	5,210	6,190	3,940	6,190	3,940	7.5
-3.0	*16,480	14,430	*11,690	7,710	8,510	5,250			7,450	4,670	6.6
-4.5	*13,170	*13,170	*9,400	7,930					*8,050	6,700	5.1

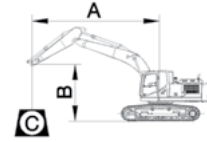
LIFTING CAPACITY (METRIC)

922E with 800 mm shoes, 2,700 mm arm

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

Conditions

Boom length: 5,710 mm
Arm length: 2,700 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

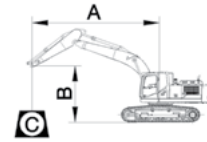
B (m)	A (Unit: m)										A (m)
	3		4.5		6		7.5		MAX REACH		
7.5					*4,430	*4,430			*4,430	*4,430	6.0
6.0					*5,790	*5,790			*4,400	*4,400	7.1
4.5			*7,360	*7,360	*6,420	5,890	*6,070	4,270	*4,310	4,020	7.8
3.0			*9,530	8,430	*7,410	5,680	*6,480	4,180	*4,040	3,690	8.2
1.5			*11,460	8,020	*8,410	5,480	6,380	4,090	*5,050	3,630	8.2
GROUND LEVEL			*12,440	7,810	8,650	5,340	6,300	4,020	*5,540	3,700	8.0
-1.5	*12,440	*12,440	*12,500	7,770	8,590	5,290	6,290	4,010	6,290	4,010	7.5
-3.0	*16,480	14,660	*11,690	7,840	8,650	5,340			7,560	4,750	6.6
-4.5	*13,170	*13,170	*9,400	8,060					*8,050	6,810	5.1

922E with 900 mm shoes, 2,700 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: 5,710 mm
Arm length: 2,700 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)	A (Unit: m)										A (m)
	3		4.5		6		7.5		MAX REACH		
7.5					*4,430	*4,430			*4,430	*4,430	6.0
6.0					*5,790	*5,790			*4,400	*4,400	7.1
4.5			*7,360	*7,360	*6,420	5,980	*6,070	4,340	*4,310	4,090	7.8
3.0			*9,530	8,570	*7,410	5,780	*6,480	4,250	*4,040	3,750	8.2
1.5			*11,460	8,150	*8,410	5,570	6,480	4,160	*5,050	3,690	8.2
GROUND LEVEL			*12,440	7,940	8,790	5,440	6,400	4,090	*5,540	3,770	8.0
-1.5	*12,440	*12,440	*12,500	7,900	8,730	5,380	*6,380	4,080	*6,380	4,080	7.5
-3.0	*16,480	14,910	*11,690	7,970	*8,700	5,430			*7,660	4,830	6.6
-4.5	*13,170	*13,170	*9,400	8,190					*8,050	6,930	5.1

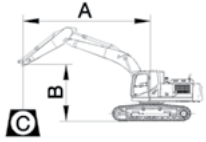
LIFTING CAPACITY (METRIC)

922E with 600 mm shoes, 2,915 mm arm

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

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

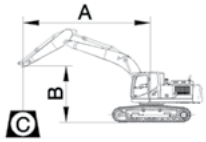
B (m)	A (Unit: m)												A (m)				
	1.5		3		4.5		6		7.5		MAX REACH						
7.5							*5,260	*5,260			*4,480	*4,480	6.2				
6.0							*5,550	*5,550			*4,270	*4,270	7.3				
4.5							*7,000	*7,000	*6,200	5,730	*5,880	4,150	*4,700	3,830	7.9		
3.0							*9,150	8,190	*7,200	5,510	6,290	4,050	*4,580	3,500	8.3		
1.5							*11,140	7,730	*8,220	5,280	6,170	3,940	*4,650	3,380	8.4		
GROUND LEVEL							*7,320	*7,320	*12,250	7,480	8,340	5,130	6,080	3,860	*5,130	3,450	8.2
-1.5	*7,950	*7,950	*12,140	*12,140	*12,450	7,420	8,270	5,060	6,060	3,830	5,950	3,770	7.6				
-3.0	*12,810	*12,810	*16,800	13,970	*11,800	7,480	8,310	5,100			6,980	4,380	6.8				
-4.5			*13,780	*13,780	*9,830	7,680					7,910	7,680	5.4				

922E with 700 mm shoes, 2,915 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: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

B (m)	A (Unit: m)												A (m)				
	1.5		3		4.5		6		7.5		MAX REACH						
7.5							*5,260	*5,260			*4,480	*4,480	6.2				
6.0							*5,550	*5,550			*4,270	*4,270	7.3				
4.5							*7,000	*7,000	*6,200	5,830	*5,880	4,220	*4,700	3,900	7.9		
3.0							*9,150	8,340	*7,200	5,610	*6,320	4,120	*4,580	3,570	8.3		
1.5							*11,140	7,870	*8,220	5,380	6,280	4,010	*4,650	3,450	8.4		
GROUND LEVEL							*7,320	*7,320	*12,250	7,620	8,490	5,230	6,190	3,930	*5,130	3,510	8.2
-1.5	*7,950	*7,950	*12,140	*12,140	*12,450	7,560	8,420	5,160	6,170	3,910	6,060	3,850	7.6				
-3.0	*12,810	*12,810	*16,800	14,230	*11,800	7,620	8,460	5,200			7,100	4,460	6.8				
-4.5			*13,780	*13,780	*9,830	7,830					*7,910	6,150	5.4				

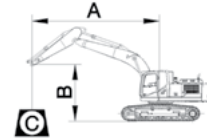
LIFTING CAPACITY (METRIC)

922E with 800 mm shoes, 2,915 mm arm

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

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

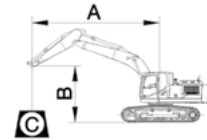
B (m)	A (Unit: m)												A (m)	
	1.5	3		4.5		6		7.5		MAX REACH				
7.5							*5,260	*5,260				*4,480	*4,480	6.2
6.0							*5,550	*5,550				*4,270	*4,270	7.3
4.5					*7,000	*7,000	*6,200	5,920	*5,880	4,290	*4,700	3,970		7.9
3.0					*9,150	8,460	*7,200	5,690	*6,320	4,190	*4,580	3,630		8.3
1.5					*11,140	8,000	*8,220	5,470	6,380	4,080	*4,650	3,510		8.4
GROUND LEVEL			*7,320	*7,320	*12,250	7,750	8,620	5,310	6,290	4,000	*5,130	3,570		8.2
-1.5	*7,950	*7,950	*12,140	*12,140	*12,450	7,690	8,550	5,250	6,260	3,980	6,150	3,920		7.6
-3.0	*12,810	*12,810	*16,800	14,470	*11,800	7,750	8,590	5,280			7,210	4,540		6.8
-4.5			*13,780	*13,780	*9,830	7,960					*7,910	6,250		5.4

922E with 900 mm shoes, 2,915 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: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)	A (Unit: m)												A (m)					
	1.5		3		4.5		6		7.5		MAX REACH							
7.5												*5,260	*5,260			*4,480	*4,480	6.2
6.0												*5,550	*5,550			*4,270	*4,270	7.3
4.5					*7,000	*7,000	*6,200	6,010	*5,880	4,360	*4,700	4,030						7.9
3.0					*9,150	8,600	*7,200	5,790	*6,320	4,260	*4,580	3,690						8.3
1.5					*11,140	8,130	*8,220	5,560	6,480	4,150	*4,650	3,579						8.4
GROUND LEVEL			*7,320	*7,320	*12,250	7,890	8,760	5,410	6,390	4,070	*5,130	3,640						8.2
-1.5	*7,950	*7,950	*12,140	*12,140	*12,450	7,820	8,680	5,340	6,360	4,050	6,250	3,980						7.6
-3.0	*12,810	*12,810	*16,800	14,720	*11,800	7,880	8,730	5,380			7,330	4,620						6.8
-4.5			*13,780	*13,780	*9,830	8,090					*7,910	6,350						5.4

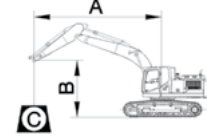
LIFTING CAPACITY (IMPERIAL)

922E with 24" shoes, 8'10" arm

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

Conditions

Boom length: 18'9"
Arm length: 8'10"
Bucket: None
Counterweight: 8,818 lb
Shoes: 24" triple grouser
Unit: lb



A (Unit: ft)

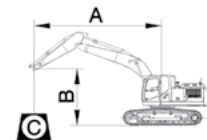
B (ft)	A (Unit: ft)												A (ft)										
	10	15		20		25		MAX REACH															
25												*9,766	*9,766			*9,766	*9,766	19.7					
20												*12,764	*12,764			*9,700	*9,700	23.3					
15														*16,226	*16,226	*14,153	12,588	*13,382	9,105	*9,501	8,553	25.6	
10														*21,010	17,989	*16,336	12,125	13,845	8,906	*8,906	7,848	26.9	
5														*25,264	17,085	*18,540	11,662	13,602	8,708	*11,133	7,716	26.9	
GROUND LEVEL														*27,425	16,622	18,452	11,375	13,448	8,553	*12,213	7,870	26.2	
-5	*27,425	*27,425	*27,557	16,534	18,320	11,265	13,426	8,531	13,426	8,531													24.6
-10	*36,332	31,239	*25,772	16,688	18,452	11,353																	21.7
-15	*29,034	*29,034	*20,723	17,151																			16.7

922E with 28" shoes, 8'10" arm

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

Conditions

Boom length: 18'9"
Arm length: 8'10"
Bucket: None
Counterweight: 8,818 lb
Shoes: 28" triple grouser
Unit: lb



A (Unit: ft)

B (ft)	A (Unit: ft)												A (ft)										
	10		15		20		25		MAX REACH														
25																							19.7
20																							23.3
15																							25.6
10																							26.9
5																							26.9
GROUND LEVEL																							26.2
-5	*27,425	*27,425	*27,557	16,843	18,651	11,486	13,646	8,686	13,646	8,686													24.6
-10	*36,332	31,812	*25,772	16,997	18,761	11,574																	21.7
-15	*29,034	*29,034	*20,723	17,482																			16.7

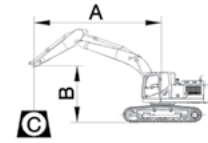
LIFTING CAPACITY (IMPERIAL)

922E with 32" shoes, 8'10" arm

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

Conditions

Boom length: 18'9"
 Arm length: 8'10"
 Bucket: None
 Counterweight: 8,818 lb
 Shoes: 32" triple grouser
 Unit: lb



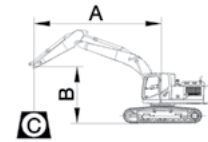
B (ft)	A (Unit: ft)										A (ft)
	10	15	20	25	MAX REACH						
25					*9,766	*9,766			*9,766	*9,766	19.7
20					*12,764	*12,764			*9,700	*9,700	23.3
15											
10											
5											
GROUND LEVEL											
-5											
-10											
-15											

922E with 35" shoes, 8'10" arm

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

Conditions

Boom length: 18'9"
 Arm length: 8'10"
 Bucket: None
 Counterweight: 8,818 lb
 Shoes: 35" triple grouser
 Unit: lb



B (ft)	A (Unit: ft)										A (ft)
	10	15	20	25	MAX REACH						
25	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	19.7
20					*9,766	*9,766			*9,766	*9,766	23.3
15											
10											
5											
GROUND LEVEL											
-5											
-10											
-15											

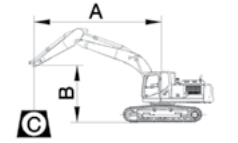
LIFTING CAPACITY (IMPERIAL)

922E with 24" shoes, 9'7" arm

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

Conditions

Boom length: 18'9"
 Arm length: 9'7"
 Bucket: None
 Counterweight: 8,818 lb
 Shoes: 24" triple grouser
 Unit: lb



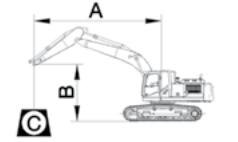
B (ft)	A (Unit: ft)										A (ft)
	5	10	15	20	25	MAX REACH					
25											
20											
15											
10											
5											
GROUND LEVEL											
-5											
-10											
-15											

922E with 28" shoes, 9'7" arm

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

Conditions

Boom length: 18'9"
 Arm length: 9'7"
 Bucket: None
 Counterweight: 8,818 lb
 Shoes: 28" triple grouser
 Unit: lb



B (ft)	A (Unit: ft)										A (ft)
	5	10	15	20	25	MAX REACH					
25	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	20.3
20											
15											
10											
5											
GROUND LEVEL											
-5											
-10											
-15											

