



909ECR EXCAVATOR

Engine	4TNV98C-SLY
Net Power	44 kW
Operating Weight	8,400-10,100kg
Bucket Capacity	0.1-0.5 m ³



TOUGH WORLD. TOUGH EQUIPMENT.

SPECIFICATIONS

OPERATING WEIGHT

8,400-10,100 kg (18,519-22,267 lbs)

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lbs).

Bucket Capacity 0.1-0.5 m³ (0.13-0.65 yd³)

ENGINE

Description

Yanmar EPA Tier 4F / EC (NRMM) Stage IIIB, inline 4-cylinder, water-cooled, direct injection, EGR + DPF + high pressure common rail diesel engine.

Emission rating EPA Tier 4 final / EU Stage V

Engine manufacturer Yanmar

Engine model 4TNV98C-SLY

Aspiration Natural

Charged air cooling Aftercooler

Cooling fan drive Direct

Displacement 3.319 L

Engine output - net (SAE J1349 / ISO 9249) 44 kW (59 hp) @ 2,200 rpm

Engine output - rated (SAE J1995 / ISO 14396) 46.2 kW (62 hp) @ 2,200 rpm

Maximum torque 241 N·m (178 lbf·ft) @ 1,430 rpm

Bore × Stroke 98 × 110 mm (3.86" × 4.33")

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 10.5 rpm

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Swing torque 21,000 N·m (15,489 lbf·ft)
909ECR TPB

24,000 N·m (17,701 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type One variable displacement piston pump

Maximum flow 209 L/min (49.9 gal/min)

Relief valve setting

Implement 29 MPa (4,206 psi)

Travel circuit 29 MPa (4,206 psi)

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Slew circuit 23 MPa (3,336 psi)

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24 MPa (3,481 psi)

Pilot circuit 3.5 MPa (508 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke Ø110 × 849 mm (Ø4.33" × 33.43")

Stick Cylinder – Bore × Stroke Ø100 × 867 mm (Ø3.94" × 34.13")

Bucket Cylinder – Bore × Stroke Ø90 × 710 mm (Ø3.54" × 27.95")

DRIVE AND BRAKES

Description

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

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High: 4.8 km/h (3.0 mph)

Low: 2.8 km/h (1.8 mph)

909ECR TPB
High: 4.5 km/h (2.8 mph)

Low: 2.4 km/h (1.5 mph)

Gradeability 35°/70%

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Max. drawbar pull 75 kN (16.861 lbf)

909ECR TPB

80 kN (17.985 lbf)

UNDERCARRIAGE

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Track shoe each side 39
909ECR TPB 43

Link pitch 154 mm (6.1")

Shoe width, triple grouser 450 mm (18")

Bottom rollers each side 6

Top rollers each side 1

SERVICE CAPACITIES

Fuel tank 110 L (29.1 gal)

Engine oil 12 L (3.2 gal)

Final drive (each) 1.08 L (0.29 gal)

Swing drive 1.6 L (0.42 gal)

Cooling system 14.5 L (3.8 gal)

Hydraulic reservoir 70 L (19.0 gal)

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Hydraulic system total 110 L (29.1 gal)

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120.5 L (31.8 gal)

SOUND PERFORMANCE

Interior sound power level (ISO 6396) 75 dB(A)

Exterior sound power level (ISO 6395) 98 dB(A)

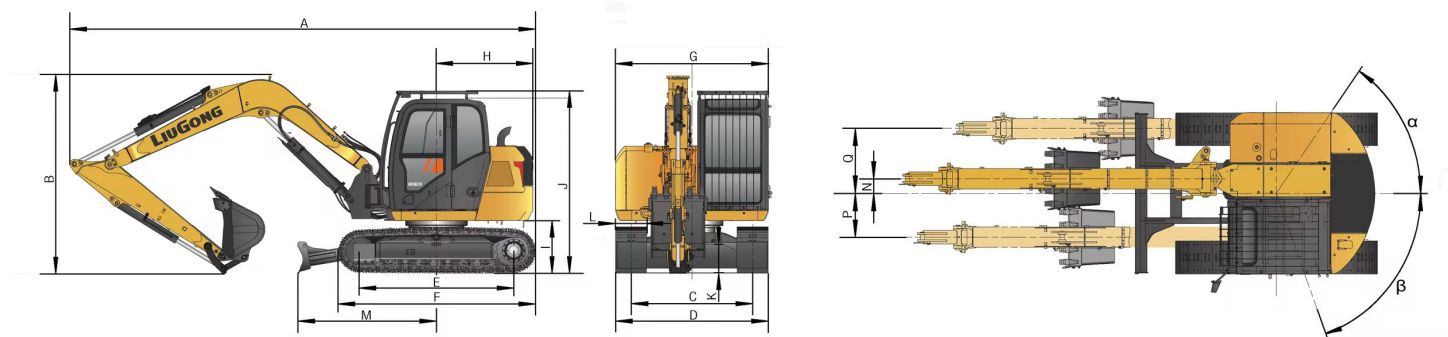
ELECTRIC SYSTEM

System Voltage 12 V

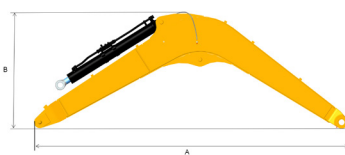
Batteries 12 V

Alternator 12 V - 80 A

Start motor 12 V - 3 kW (12V - 4 hp)



DIMENSIONS		909ECR
Boom		3,375 mm (11'1")
Arm Options	1,650 mm (5'5")	2,100 mm (6'11")
A Shipping Length	6,115 mm (20'1")	6,200 mm (20'4")
B Shipping Height – Top of Boom		2,710 mm (8'11")
C Track Gauge		1,750 mm / 1,950 mm (5'9" / 6'5")
D Undercarriage Width – with 450 mm Shoes		2,200 mm / 2,400 mm (7'3" / 7'10")
E Length to Center of Rollers		2,230 mm (7'4")
F Track Length		2,845 mm (9'4")
G Overall Width of Upper Structure		2,200 mm (7'3")
H Tail Swing Radius		1,410 mm (4'8")
I Counterweight Ground Clearance		760 mm (2'6")
J Overall Height of Cab		2,710 mm / 2,800 mm (8'11" / 9'2")
K Min. Ground Clearance 360 mm (1'2")		360 mm (1'2")
L Track Shoe Width 450 mm (18")		450 mm (18")
M Dozer Blade - Maximum Reach at Ground Level		2,033 mm (7'6")
N Offset		200 mm (8")
O Maximum Boom Offset to the Right		886 mm (2'11")
P Maximum Boom Offset to the Left		598 mm (2')
α Maximum Boom Swing Angle to the Right		55°
β Maximum Boom Swing Angle to the Left		65°

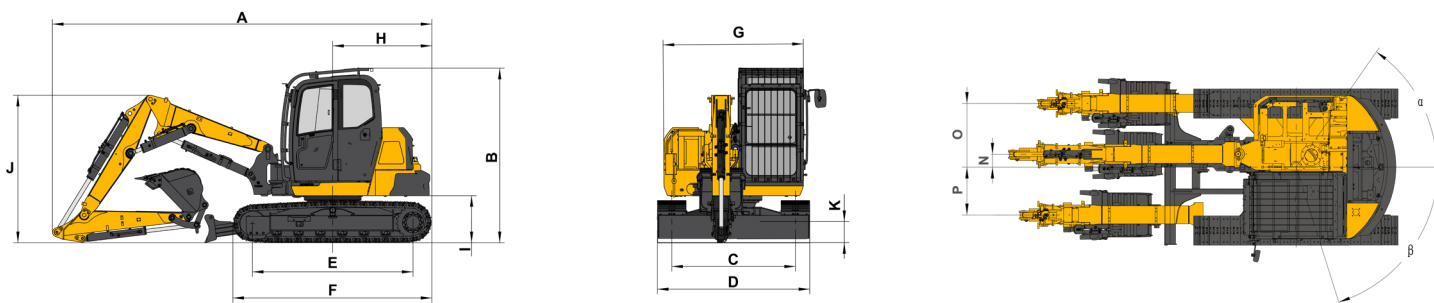


BOOM DIMENSIONS	909ECR
Boom	3,375 mm (11'1")
A Length	3,510 mm (11'6")
B Height	1,236 mm (4'1")
C Width	424 mm (1'5")
Weight	435 kg (959 lbs)

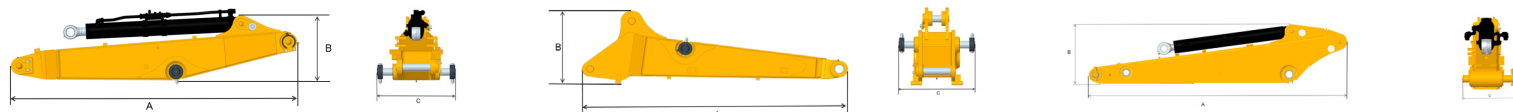
Includes arm cylinder, piping and pin.

ARM DIMENSIONS	909ECR
Arm	1,650 mm (5'5")
A Length	2,205 mm (7'3")
B Height	510 mm (1'8")
C Width	220 mm (9")
Weight	165 kg (364 lbs)

Includes bucket cylinder, linkage and pin.



DIMENSIONS	909ECR TPB	
Boom (Top)	2,100 mm (6'11")	
Boom (Lower)	2,011 mm (6'7")	
Arm Options	1,650 mm (5'5")	2,100 mm (6'11")
A Shipping Length	6,200 mm (20'4")	
B Shipping Height – Top of Boom	2,710 mm (8'11")	
C Track Gauge	1,750 mm / 1,950 mm (5'9" / 6'5")	
D Undercarriage Width– 450mm shoes	2,200 mm / 2,400 mm (7'3" / 7'10")	
E Length to Center of Rollers	2,532 mm (8'4")	
F Track Length	3,147 mm (10'4")	
G Overall Width of Upper Structure	2,200 mm (7'3")	
H Tail Swing Radius	1,410 mm (4'8")	
I Counterweight Ground Clearance	760 mm (2'6")	
J Overall Height of Cab	2,800 mm (9'2")	
K Min. Ground Clearance	360 mm (1'2")	
L Track Shoe Width	450 mm (18")	
M Dozer Blade - Maximum Reach at Ground Level	1,993 mm (6'6")	
N Offset	200 mm (8")	
O Maximum Boom Offset to the Right	886 mm (2'11")	
P Maximum Boom Offset to the Left	598 mm (2')	
α Maximum Boom Swing Angle to the Right	55°	
β Maximum Boom Swing Angle to the Left	65°	

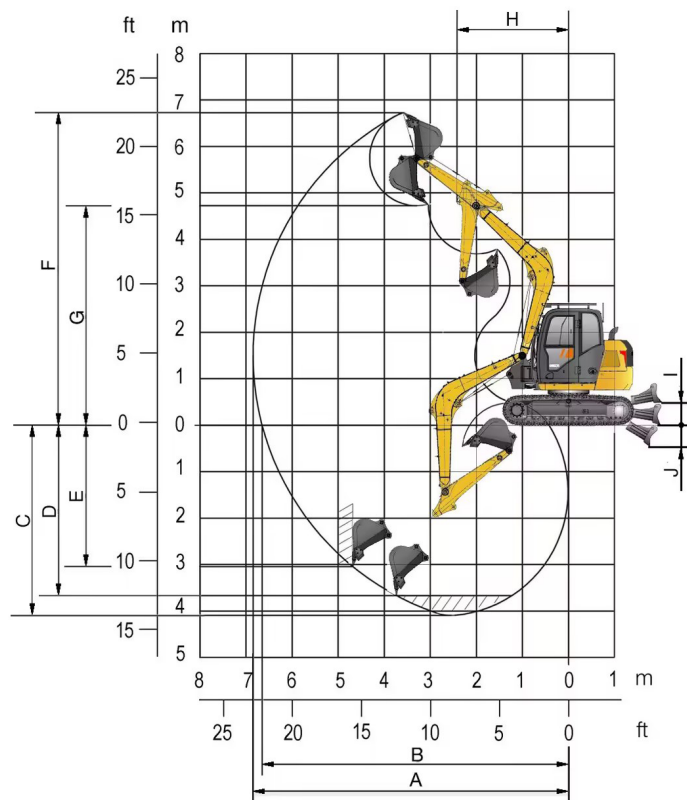


BOOM DIMENSIONS	909ECR TPB	
Boom(Top/Lower)	2,100 mm (6'11")	2,011 mm (6'7")
A Length	2,230 mm (7'4")	2,146 mm (7'0")
B Height	503 mm (1'8")	542 mm (1'9")
C Width	625 mm (2'1")	625 mm (2'1")
Weight	350 kg (772 lbs)	310 kg (683 lbs)

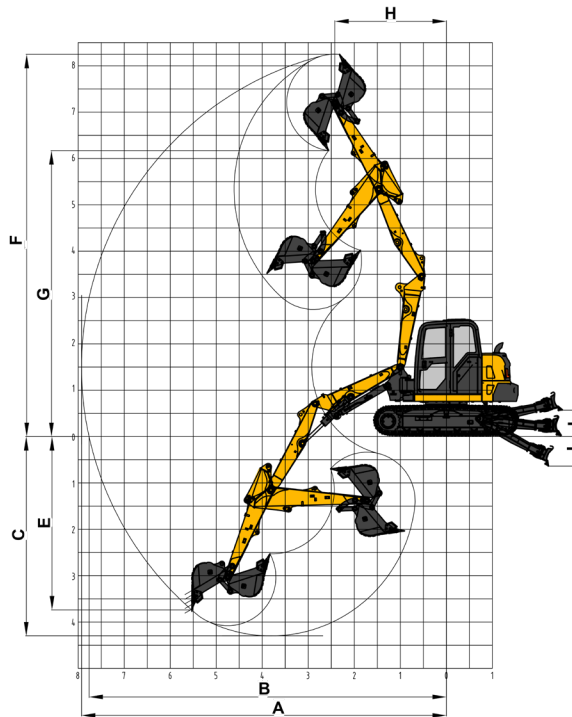
Includes arm cylinder, piping and pin.

ARM DIMENSIONS	909ECR TPB	
Arm	1,650 mm (5'5")	2,100 mm (6'11")
A Length	2,205 mm (7'3")	2,660 mm (8'9")
B Height	510 mm (1'8")	510 mm (1'8")
C Width	220 mm (9")	244 mm (10")
Weight	165 kg (364 lbs)	210 kg (463 lbs)

Includes bucket cylinder, linkage and pin.



WORKING RANGE		909ECR
Boom Length		3,375 mm (11'1")
Arm Length	1,650 mm (5'5")	2,100 mm (6'11")
A. Max. Digging Reach	6,847 mm (22'6")	7,264 mm (23'10")
B. Max. Digging Reach on Ground	6,651 mm (21'10")	7,082 mm (23'3")
C. Max. Digging Depth	4,093 mm (13'5")	4,540 mm (14'11")
D. Max. Digging Depth, 2.44 m (8') Level	3,670 mm (12')	4,163 mm (13'8")
E. Max. Vertical Wall Digging Depth	3,043 mm (10')	3,963 mm (13')
F. Max. Cutting Height	6,300 mm (20'8")	6,525 mm (21'5")
G. Max. Dumping Height	4,352 mm (14'3")	4,577 mm (15'0")
H. Min. Front Swing Radius	2,421 mm (7'11")	2,421 mm (7'11")
I. Depth below Ground	470 mm (1'7")	470 mm (1'7")
J. Lift above Ground	510 mm (1'8")	510 mm (1'8")
Bucket Digging Force (ISO)	63 kN (14,163 lbf)	63 kN (14,163 lbf)
Arm Digging Force (ISO)	43 kN (9,667 lbf)	37 kN (8,318 lbf)
Bucket Capacity	0.28 m ³ (0.37 yd ³)	0.28 m ³ (0.37 yd ³)
Bucket Tip Radius	1,046 mm (3'5")	1,046 mm (3'5")



WORKING RANGE		909ECR TPB
Boom(Top)		2,100 mm (6'11")
Boom(Lower)		2,011 mm (6'7")
Arm Length	1,650 mm (5'5")	2,100 mm (6'11")
A. Max. Digging Reach	7,540 mm (24'9")	7,927 mm (26'0")
B. Max. Digging Reach on Ground	7,336 mm (24'2")	7,763 mm (25'6")
C. Max. Digging Depth	3,848 mm (12'7")	4,299 mm (14'1")
D. Max. Digging Depth, 2.44 m (8') Level	/	/
E. Max. Vertical Wall Digging Depth	3,190 mm (10'6")	3,738 mm (12'3")
F. Max. Cutting Height	7,950 mm (26'1")	8,247 mm (27'1")
G. Max. Dumping Height	5,905 mm (19'4")	6,170 mm (20'3")
H. Min. Front Swing Radius	2,038 mm (6'8")	2,422 mm (7'11")
I. Depth below Ground	489 mm (1'7")	489 mm (1'7")
J. Lift above Ground	443mm (1'5")	443mm (1'5")
Bucket Digging Force (ISO)	63 kN (14,163 lbf)	63 kN (14,163 lbf)
Arm Digging Force (ISO)	43 kN (9,667 lbf)	37 kN (8,318 lbf)
Bucket Capacity	0.28 m ³ (0.37 yd ³)	0.28 m ³ (0.37 yd ³)
Bucket Tip Radius	1,020 mm (3'4")	1,020 mm (3'4")

MACHINE WEIGHTS AND GROUND PRESSURE

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Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	3,375 mm (11'1") boom, 1,650 mm (5'5" arm), 0.28 m ³ (0.37 yd ³) bucket, 1,400 kg (3,086 lbs) counterweight			3,375 mm (11'1") boom, 2,100 mm (6'11") arm, 0.28 m ³ (0.37 yd ³) bucket, 1,400 kg (3,086 lbs) counterweight		
450 mm (18")	8,600 kg (18,960 lbs)	38.7 kPa (5.6 lbs)	2,200 mm (7'3")	8,600 kg (18,960 lbs)	38.7 kPa (5.6 lbs)	2,200 mm (7'3")
Metal	8,700 kg (19,180 lbs)	39.2 kPa (5.7 lbs)	2,400 mm (7'10")	8,700 kg (19,180 lbs)	39.2 kPa (5.7 lbs)	2,400 mm (7'10")
450 mm (18")	8,400 kg (18,519 lbs)	37.8 kPa (5.5 lbs)	2,200 mm (7'3")	8,400 kg (18,519 lbs)	37.8 kPa (5.5 lbs)	2,200 mm (7'3")
Rubber	8,500 kg (18,739 lbs)	38.3 kPa (5.6 psi)	2,400 mm (7'10")	8,500 kg (18,739 lbs)	38.3 kPa (5.6 psi)	2,400 mm (7'10")

909ECR TPB

Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	1,650 mm (5'5" arm), 0.28 m ³ (0.37 yd ³) bucket, 2,100 kg (4,629.8 lbs) counterweight			2,100 mm (6'11") arm, 0.28 m ³ (0.37 yd ³) bucket, 2,100 kg (4,629.8 lbs) counterweight		
450 mm (18")	10,000 kg (22,046 lbs)	39.5 kPa (5.7 lbs)	2,200 mm (7'3")	10,000 kg (22,046 lbs)	39.5 kPa (5.7 lbs)	2,200 mm (7'3")
Metal	10,100 kg (22,267 lbs)	39.9 kPa (5.8 psi)	2,400 mm (7'10")	10,100 kg (22,267 lbs)	39.9 kPa (5.8 psi)	2,400 mm (7'10")

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2,100 mm (6'11") arm	1,650 mm (5'5") arm
Ditching	0.10 m ³ (0.13 yd ³)	430 mm (1'5")	110 kg (243 lbs)	3	A	B
General Purpose	0.17 m ³ (0.22 yd ³)	450 mm (1'6")	169 kg (373 lbs)	3	A	B
General Purpose	0.28 m ³ (0.37 yd ³)	770 mm (2'6")	236 kg (487 lbs)	4	A	B
Cleaning	0.50 m ³ (0.65 yd ³)	1,228 mm (4')	375 kg (827 lbs)	0	A	B

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

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.

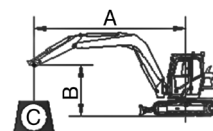
LIFTING CAPACITY (METRIC)

909ECR with 450 mm shoes, 1,650 mm arm (Standard)

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

Conditions

Boom length: 3,375 mm
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm
Undercarriage width: 2,200 mm
Unit: kg



Blade: Down

A (Unit: m)

B (m)	2		3		4		5		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
4					*1,770	*1,770	*1,850	1,290	*1,870	1,250	5.1
3			*2,670	*2,670	*2,150	1,810	*1,950	1,260	*1,940	1,050	5.6
2			*4,250	2,600	*2,720	1,700	*2,200	1,220	*2,030	970	5.8
1			*5,180	2,440	*3,220	1,610	*2,450	1,170	*2,120	950	5.8
GROUND LEVEL			*5,260	2,410	*3,470	1,560	*2,590	1,140	*2,260	990	5.6
-1		5,370	*4,980	2,430	*3,420	1,560	*2,510	1,140	*2,410	1,110	5.1
-2		5,470	*4,260	2,490	*2,940	1,600			*2,580	1,440	4.3

Blade: Up

A (Unit: m)

B (m)	2		3		4		5		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
4					*1,770	*1,770	1,320	1,290	1,280	1,250	5.1
3			*2,670	*2,670	1,850	1,810	1,300	1,260	1,080	1,050	5.6
2			2,680	2,600	1,750	1,700	1,250	1,220	990	970	5.8
1			2,520	2,440	1,650	1,610	1,200	1,170	970	950	5.8
GROUND LEVEL			2,490	2,410	1,610	1,560	1,180	1,140	1,010	990	5.6
-1	5,590	5,370	2,500	2,430	1,600	1,560	1,180	1,140	1,140	1,110	5.1
-2	5,690	5,470	2,560	2,490	1,640	1,600			1,480	1,440	4.3

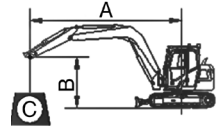
LIFTING CAPACITY (METRIC)

909ECR with 450 mm shoes, 1,650 mm arm (Standard)

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

Conditions

Boom length: 3,375 mm
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm
Undercarriage width: 2400 mm
Unit: kg



Blade: Down

A (Unit: m)

B (m)	2		3		4		5		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,770	*1,770	*1,850	1,510	*1,870	1,470	5.1
3			*2,670	*2,670	*2,150	2,130	*1,950	1,490	*1,940	1,240	5.6
2			*4,250	3,150	*2,720	2,020	*2,200	1,440	*2,030	1,140	5.8
1			*5,180	2,980	*3,220	1,920	*2,450	1,390	*2,120	1,120	5.8
GROUND LEVEL			*5,260	2,950	*3,470	1,880	*2,590	1,370	*2,260	1,170	5.6
-1		6,950	*4,980	2,970	*3,420	1,870	*2,510	1,370	*2,410	1,320	5.1
-2		6,910	*4,260	3,030	*2,940	1,910			*2,580	1,720	4.3

Blade: Up

A (Unit: m)

B (m)	2		3		4		5		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,770	*1,770	1,320	1,510	1,280	1,470	5.1
3			*2,670	*2,670	1,850	2,130	1,300	1,490	1,080	1,240	5.6
2			2,680	3,150	1,750	2,020	1,250	1,440	990	1,140	5.8
1			2,520	2,980	1,650	1,920	1,200	1,390	970	1,120	5.8
GROUND LEVEL			2,490	2,950	1,610	1,880	1,180	1,370	1,010	1,170	5.6
-1	5,590	6,950	2,500	2,970	1,600	1,870	1,180	1,370	1,140	1,320	5.1
-2	5,690	6,910	2,560	3,030	1,640	1,910			1,480	1,720	4.3

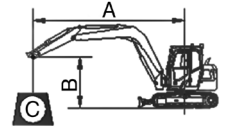
LIFTING CAPACITY (METRIC)

909ECR with 450 mm shoes, 2,100 mm arm

Conditions

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

Boom length: 3,375 mm
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm
Undercarriage width: 2,200 mm
Unit: kg



Blade: Down

A (Unit: m)

B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,410	*1,410	*1,560	1,070			*1,670	870	5.6
3					*1,810	1,520	*1,730	1,040	*1,730	750	*1,730	750	6.0
2			*3,530	2,240	*2,420	1,420	*2,010	990	*1,710	730	*1,820	690	6.2
1			*4,830	2,020	*3,020	1,320	*2,090	940	*1,970	710	*1,920	670	6.2
GROUND LEVEL		4,240	*5,290	1,940	*3,180	1,250	*2,530	910	*2,020	690	*2,040	690	6.0
-1		4,280	*5,220	1,930	*3,490	1,230	*2,580	890			*2,190	760	5.6
-2		4,360	*4,730	1,970	3,240	1,240					*2,370	930	4.9
-3		4,540	*3,520	2,050							*2,610	1,490	3.7

Blade: Up

A (Unit: m)

B (m)	2		3		3		4		5		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,410	*1,410	1,100	1,070			890	870	5.6
3					1,560	1,520	1,070	1,040	770	750	770	750	6.0
2			2,310	2,240	1,460	1,420	1,020	990	820	730	710	690	6.2
1			2,090	2,020	1,360	1,320	1,110	940	730	710	690	670	6.2
GROUND LEVEL		4,240	2,010	1,940	1,290	1,250	930	910	710	690	710	690	6.0
-1		4,280	2,000	1,930	1,270	1,230	920	890			790	760	5.6
-2		4,360	2,030	1,970	1,280	1,240					960	930	4.9
-3		4,540	2,120	2,050							1,540	1,490	3.7

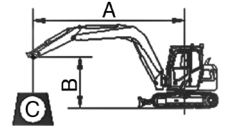
LIFTING CAPACITY (METRIC)

909ECR with 450 mm shoes, 2,100 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: 3,375 mm
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm
Undercarriage width: 2,400 mm
Unit: kg



Blade: Down

A (Unit: m)

B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,410	*1,410	*1,560	1,260			*1,670	1,030	5.6
3					*1,810	1,800	*1,730	1,230	*1,730	900	*1,730	890	6.0
2			*3,530	2,710	*2,420	1,690	*2,010	1,180	*1,710	880	*1,820	830	6.2
1			*4,830	2,480	*3,020	1,590	*2,090	1,130	*1,970	850	*1,920	810	6.2
GROUND LEVEL		5,550	*5,290	2,400	*3,180	1,520	*2,530	1,090	*2,020	840	*2,040	830	6.0
-1		5,590	*5,220	2,390	*3,490	1,500	*2,580	1,080			*2,190	920	5.6
-2		5,690	*4,730	2,420	*3,240	1,510					*2,370	1,130	4.9
-3		5,880	*3,520	2,510							*2,610	1,790	3.7

Blade: Up

A (Unit: m)

B (m)	2		3		3		4		5		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
4					*1,410	*1,410	1,100	1,260			890	1,030	5.6
3					1,560	1,800	1,070	1,230	770	900	770	890	6.0
2			2,310	2,710	1,460	1,690	1,020	1,180	820	880	710	830	6.2
1			2,090	2,480	1,360	1,590	1,110	1,130	730	850	690	810	6.2
GROUND LEVEL		5,550	2,010	2,400	1,290	1,520	930	1,090	710	840	710	830	6.0
-1		5,590	2,000	2,390	1,270	1,500	920	1,080			790	920	5.6
-2		5,690	2,030	2,420	1,280	1,510					960	1,130	4.9
-3		5,880	2,120	2,510							1,540	1,790	3.7

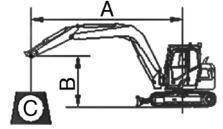
LIFTING CAPACITY (IMPERIAL)

909ECR with 5'5" Arm, 11'1" Boom, 18" Shoes(Standard)

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

Conditions

Boom length: 11'1"
Arm length: 5'5"
Bucket: None
Shoes: 18"
Undercarriage width: 7'3"
Unit: lbs



Blade: Down

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,903	*3,903	*4,079	2,844	*4,123	2,756	16.7
9'10"			*5,887	*5,887	*4,741	3,991	*4,300	2,778	*4,278	2,315	18.3
6'7"			*9,371	5,733	*5,998	3,749	*4,851	2,690	*4,476	2,139	19.0
3'3"			*11,422	5,380	*7,100	3,550	*5,402	2,580	*4,675	2,095	19.0
GROUND LEVEL			*11,598	5,314	*7,651	3,440	*5,711	2,514	*4,983	2,183	18.3
-3'3"		11,841	*10,981	5,358	*7,541	3,440	*5,535	2,514	*5,314	2,448	16.8
-6'7"		12,061	*9,393	5,490	*6,483	3,528			*5,689	3,175	14.2

Blade: Up

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,903	*3,903	2,911	2,844	2,822	2,756	16.7
9'10"			*5,887	*5,887	4,079	3,991	2,867	2,778	2,381	2,315	18.3
6'7"			5,909	5,733	3,859	3,749	2,756	2,690	2,183	2,139	19.0
3'3"			5,557	5,380	3,638	3,550	2,646	2,580	2,139	2,095	19.0
GROUND LEVEL			5,490	5,314	3,550	3,440	2,602	2,514	2,227	2,183	18.3
-3'3"	12,326	11,841	5,513	5,358	3,528	3,440	2,602	2,514	2,514	2,448	16.8
-6'7"	12,546	12,061	5,645	5,490	3,616	3,528			3,263	3,175	14.2

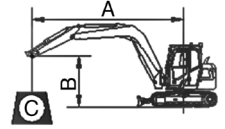
LIFTING CAPACITY (IMPERIAL)

909ECR with 5'5" Arm, 11'1" Boom, 18" Shoes(Standard)

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

Conditions

Boom length: 11'1"
Arm length: 5'5"
Bucket: None
Shoes: 18"
Undercarriage width: 7'10"
Unit: lbs



Blade: Down

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,903	*3,903	*4,079	3,330	*4,123	3,241	16.7
9'10"			*5,887	*5,887	*4,741	4,697	*4,300	3,285	*4,278	2,734	18.3
6'7"			*9,371	6,946	*5,998	4,454	*4,851	3,175	*4,476	2,514	19.0
3'3"			*11,422	6,571	*7,100	4,234	*5,402	3,065	*4,675	2,470	19.0
GROUND LEVEL			*11,598	6,505	*7,651	4,145	*5,711	3,021	*4,983	2,580	18.3
-3'3"		15,325	*10,981	6,549	*7,541	4,123	*5,535	3,021	*5,314	2,911	16.8
-6'7"		15,237	*9,393	6,681	*6,483	4,212			*5,689	3,793	14.2

Blade: Up

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,903	*3,903	2,911	3,330	2,822	3,241	16.7
9'10"			*5,887	*5,887	4,079	4,697	2,867	3,285	2,381	2,734	18.3
6'7"			5,909	6,946	3,859	4,454	2,756	3,175	2,183	2,514	19.0
3'3"			5,557	6,571	3,638	4,234	2,646	3,065	2,139	2,470	19.0
GROUND LEVEL			5,490	6,505	3,550	4,145	2,602	3,021	2,227	2,580	18.3
-3'3"	12,326	15,325	5,513	6,549	3,528	4,123	2,602	3,021	2,514	2,911	16.8
-6'7"	12,546	15,237	5,645	6,681	3,616	4,212			3,263	3,793	14.2

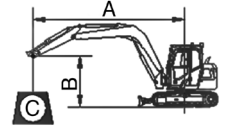
LIFTING CAPACITY (IMPERIAL)

909ECR with 6'11" Arm, 11'1" Boom, 18" Shoes

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

Conditions

Boom length: 11'1"
Arm length: 6'11"
Bucket: None
Shoes: 18"
Undercarriage width: 7'3"
Unit: lbs



Blade: Down

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		19'8"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,109	*3,109	*3,440	2,359			*3,682	1,918	18.4
9'10"					*3,991	3,352	*3,815	2,293	*3,815	1,654	*3,815	1,654	19.8
6'7"			*7,784	4,939	*5,336	3,131	*4,432	2,183	*3,771	1,610	*4,013	1,521	20.4
3'3"			*10,650	4,454	*6,659	2,911	*4,608	2,073	*4,344	1,566	*4,234	1,477	20.4
GROUND LEVEL		9,349	*11,664	4,278	*7,012	2,756	*5,579	2,007	*4,454	1,521	*4,498	1,521	19.8
-3'3"		9,437	*11,510	4,256	*7,695	2,712	*5,689	1,962			*4,829	1,676	18.4
-6'7"		9,614	*10,430	4,344	7144	2,734					*5,226	2,051	16.1
-9'10"		10,011	*7,762	4,520							*5,755	3,285	12.0

Blade: Up

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		19'8"		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
13'1"					*3,109	*3,109	2,426	2,359			1,962	1,918	18.4
9'10"					3,440	3,352	2,359	2,293	1,698	1,654	1,698	1,654	19.8
6'7"			5,094	4,939	3,219	3,131	2,249	2,183	1,808	1,610	1,566	1,521	20.4
3'3"			4,608	4,454	2,999	2,911	2,448	2,073	1,610	1,566	1,521	1,477	20.4
GROUND LEVEL		9,349	4,432	4,278	2,844	2,756	2,051	2,007	1,566	1,521	1,566	1,521	19.8
-3'3"		9,437	4,410	4,256	2,800	2,712	2,029	1,962			1,742	1,676	18.4
-6'7"		9,614	4,476	4,344	2,822	2,734					2,117	2,051	16.1
-9'10"		10,011	4,675	4,520							3,396	3,285	12.0

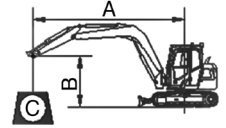
LIFTING CAPACITY (IMPERIAL)

909ECR with 6'11" Arm, 11'1" Boom, 18" Shoes

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

Conditions

Boom length: 11'1"
Arm length: 6'11"
Bucket: None
Shoes: 18"
Undercarriage width: 7'10"
Unit: lbs



Blade: Down

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		19'8"		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (ft)
13'1"					*3,109	*3,109	*3,440	2,778			*3,682	2,271	18.4
9'10"					*3,991	3,969	*3,815	2,712	*3,815	1,985	*3,815	1,962	19.8
6'7"			*7,784	5,976	*5,336	3,726	*4,432	2,602	*3,771	1,940	*4,013	1,830	20.4
3'3"			*10,650	5,468	*6,659	3,506	*4,608	2,492	*4,344	1,874	*4,234	1,786	20.4
GROUND LEVEL		12,238	*11,664	5,292	*7,012	3,352	*5,579	2,403	*4,454	1,852	*4,498	1,830	19.8
-3'3"		12,326	*11,510	5,270	*7,695	3,308	*5,689	2,381			*4,829	2,029	18.4
-6'7"		12,546	*10,430	5,336	*7,144	3,330					*5,226	2,492	16.1
-9'10"		12,965	*7,762	5,535							*5,755	3,947	12.0

Blade: Up

A (Unit: ft)

B (ft)	6'7"		9'10"		13'1"		16'5"		19'8"		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (ft)
13'1"					*3,109	*3,109	2,426	2,778			1,962	2,271	18.4
9'10"					3,440	3,969	2,359	2,712	1,698	1,985	1,698	1,962	19.8
6'7"			5,094	5,976	3,219	3,726	2,249	2,602	1,808	1,940	1,566	1,830	20.4
3'3"			4,608	5,468	2,999	3,506	2,448	2,492	1,610	1,874	1,521	1,786	20.4
GROUND LEVEL		12,238	4,432	5,292	2,844	3,352	2,051	2,403	1,566	1,852	1,566	1,830	19.8
-3'3"		12,326	4,410	5,270	2,800	3,308	2,029	2,381			1,742	2,029	18.4
-6'7"		12,546	4,476	5,336	2,822	3,330					2,117	2,492	16.1
-9'10"		12,965	4,675	5,535							3,396	3,947	12.0

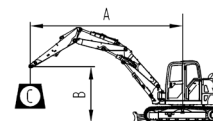
LIFTING CAPACITY (METRIC)

909ECR TPB 1650mm Arm

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

Conditions:

Boom length: TPB
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,200 mm
Unit: kg



Blade: Down

A (Unit: m)													
B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg		2920*	2920*	2610*	1920					2610*	1920	4
5	kg				2400*	1980	2210*	1340			2210*	1290	5.1
4	kg		3270*	3040	2570*	1920	2210*	1340			2050*	1,020	5.8
3	kg				2950*	1790	2340*	1280	2010*	960	1960*	900	6.2
2	kg				3340*	1640	2510*	1210	2050*	930	1900*	830	6.4
1	kg				3490*	1530	2590*	1150	2050*	900	1840*	820	6.4
GROUND LEVEL	kg				3330*	1490	2520*	1120	1920*	880	1780*	850	6.2
-1	kg		3620*	2280	2930*	1500	2240*	1110			1660*	930	5.8
-2	kg		2660*	2350	2210*	1540	1540*	1160			1440*	1,130	5.1

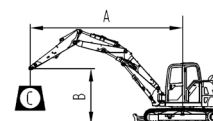
LIFTING CAPACITY (METRIC)

909ECR TPB 1650mm Arm

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

Conditions:

Boom length: TPB
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,200 mm
Unit: kg



Blade: Up

A (Unit: ft)													
B (ft)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg		2920*	2920*	2610*	1920					2610*	1920	4
5	kg				2400*	1980	2210*	1340			2170	1290	5.1
4	kg		3270*	3040	2570*	1920	2210*	1340			1750	1,020	5.8
3	kg				2950*	1790	2190	1280	1640	960	1550	900	6.2
2	kg				2920	1640	2110	1210	1610	930	1460	830	6.4
1	kg				2800	1530	2040	1150	1580	900	1440	820	6.4
GROUND LEVEL	kg				2760	1490	2000	1120	1560	880	1500	850	6.2
-1	kg		3620*	2280	2760	1500	2000	1110			1650	930	5.8
-2	kg		2660*	2350	2210*	1540	1540*	1160			1440*	1,130	5.1

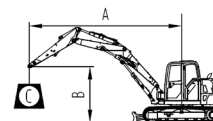
LIFTING CAPACITY (METRIC)

909ECR TPB 1650mm Arm

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

Conditions:

Boom length: TPB
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,400 mm
Unit: kg



Blade: Down

A (Unit: m)													
B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg		2920*	2920*	2610*	2230					2610*	2230	4
5	kg				2400*	2280	2210*	1560			2210*	1500	5.1
4	kg		3270*	3270*	2570*	2220	2210*	1550			2050*	1200	5.8
3	kg				2950*	2090	2340*	1500	2010*	1120	1960*	1060	6.2
2	kg				3340*	1930	2510*	1420	2050*	1090	1900*	990	6.4
1	kg				3490*	1830	2590*	1360	2050*	1060	1840*	970	6.4
GROUND LEVEL	kg				3330*	1780	2520*	1330	1920*	1050	1780*	1000	6.2
-1	kg		3620*	2760	2930*	1790	2240*	1320			1660*	1110	5.8
-2	kg		2660*	2660*	2210*	1830	1540*	1370			1440*	1340	5.1

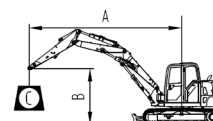
LIFTING CAPACITY (METRIC)

909ECR TPB 1650mm Arm

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

Conditions:

Boom length: TPB
Arm length: 1,650 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,400 mm
Unit: kg



Blade: Up

A (Unit: ft)													
B (ft)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg		2920*	2920*	2610*	2230					2610*	2230	4
5	kg				2400*	2280	2210*	1560			2170	1500	5.1
4	kg		3270*	3270*	2570*	2220	2210*	1550			1750	1200	5.8
3	kg				2950*	2090	2190	1500	1640	1120	1550	1060	6.2
2	kg				2920	1930	2110	1420	1610	1090	1460	990	6.4
1	kg				2800	1830	2040	1360	1580	1060	1440	970	6.4
GROUND LEVEL	kg				2760	1780	2000	1330	1560	1050	1500	1000	6.2
-1	kg		3620*	2760	2760	1790	2000	1320			1650	1110	5.8
-2	kg		2660*	2660*	2210*	1830	1540*	1370			1440*	1340	5.1

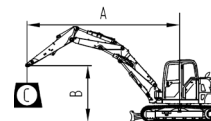
LIFTING CAPACITY (METRIC)

909ECR TPB 2100mm Arm

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

Conditions:

Boom length: TPB
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,200 mm
Unit: kg



Blade: Down

A (Unit: m)													
B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7	kg		3170*	3100							3170*	3100	3
6	kg				2220*	2040					2190*	1530	4.7
5	kg				2140*	2060	2000*	1420			1970*	1110	5.7
4	kg				2320*	2000	2050*	1400	1880*	1020	1860*	930	6.3
3	kg				2710*	1870	2210*	1340	1930*	1000	1810*	850	6.6
2	kg				3160*	1720	2420*	1260	2000*	960	1760*	790	6.8
1	kg				3450*	1590	2560*	1190	2050*	920	1730*	770	6.8
GROUND LEVEL	kg				3440*	1520	2570*	1140	2010*	900	1700*	790	6.6
-1	kg		3050*	2280	3160*	1510	2400*	1130	1800*	900	1570*	850	6.3
-2	kg		3360*	2330	2600*	1540	1950*	1140			1400*	990	5.7

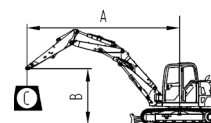
LIFTING CAPACITY (METRIC)

909ECR TPB 2100mm Arm

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

Conditions:

Boom length: TPB
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,200 mm
Unit: kg



Blade: Up

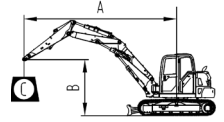
A (Unit: ft)													
B (ft)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7	kg		3170*	3100							3170*	3100	3
6	kg				2220*	2040					2190*	1530	4.7
5	kg				2140*	2060	2000*	1420			1970*	1110	5.7
4	kg				2320*	2000	2050*	1400	1880*	1020	1860*	930	6.3
3	kg				2710*	1870	2210*	1340	1930*	1000	1810*	850	6.6
2	kg				3160*	1720	2420*	1260	2000*	960	1760*	790	6.8
1	kg				3450*	1590	2560*	1190	2050*	920	1730*	770	6.8
GROUND LEVEL	kg				3440*	1520	2570*	1140	2010*	900	1700*	790	6.6
-1	kg		3050*	2280	3160*	1510	2400*	1130	1800*	900	1570*	850	6.3
-2	kg		3360*	2330	2600*	1540	1950*	1140			1400*	990	5.7

LIFTING CAPACITY (METRIC)

909ECR TPB 2100mm Arm

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

Conditions:
Boom length: TPB
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,400 mm
Unit: kg



Blade: Down

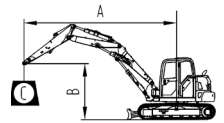
A (Unit: m)													
B (m)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7	kg		3170*	3170*							3170*	3170*	3
6	kg				2220*	2220*					2190*	1770	4.7
5	kg				2140*	2140*	2000*	1640			1970*	1290	5.7
4	kg				2320*	2310	2050*	1610	1880*	1190	1860*	1080	6.3
3	kg				2710*	2180	2210*	1550	1930*	1160	1810*	990	6.6
2	kg				3160*	2020	2420*	1470	2000*	1130	1760*	930	6.8
1	kg				3450*	1880	2560*	1400	2050*	1090	1730*	910	6.8
GROUND LEVEL	kg				3440*	1820	2570*	1350	2010*	1060	1700*	940	6.6
-1	kg		3050*	2760	3160*	1800	2400*	1340	1800*	1060	1570*	1000	6.3
-2	kg		3360*	2810	2600*	1830	1950*	1360			1400*	1160	5.7

LIFTING CAPACITY (METRIC)

909ECR TPB 2100mm Arm

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

Conditions:
Boom length: TPB
Arm length: 2,100 mm
Bucket: None
Shoes: 450 mm triple grouser
Undercarriage width: 2,400 mm
Unit: kg



Blade: Up

A (Unit: ft)													
B (ft)	2		3		4		5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7	kg		3170*	3170*							3170*	3170*	3
6	kg				2220*	2220*					2190*	1770	4.7
5	kg				2140*	2140*	2000*	1640			1850	1290	5.7
4	kg				2320*	2310	2050*	1610	1710	1190	1570	1080	6.3
3	kg				2710*	2180	2210*	1550	1690	1160	1450	990	6.6
2	kg				3010	2020	2160	1470	1650	1130	1360	930	6.8
1	kg				2870	1880	2080	1400	1610	1090	1350	910	6.8
GROUND LEVEL	kg				2790	1820	2030	1350	1580	1060	1390	940	6.6
-1	kg		3050*	2760	2780	1800	2010	1340	1580	1060	1490	1000	6.3
-2	kg		3360*	2810	2600*	1830	1950*	1360			1400*	1160	5.7

STANDARD EQUIPMENT

ENGINE SYSTEM

Yanmar engine, inline 4 cylinders, 4 stroke, water cooled, natural aspiration, common rail, EGR, DPF

Air filter

Pre-filter with water separator

Engine oil filter

Auto-idle speed control

Radiator, oil cooler

Engine overheat prevention system

HYDRAULIC SYSTEM

Main pump: one variable displacement piston pump

Cylinders: boom, stick, bucket, swing, dozer

Swing with function of preventing anti-reverse

Boom and arm regeneration circuits

Load holding valve at boom and arm cylinder

Pilot control shut-off lever

Two way auxiliary pipe with variable flow and variable pressure, and changed by switch valve

Two electrical proportional joysticks

OPERATOR STATION

Pressurized and sealed cab, 2-speed wiper with additional intermitted interval and removable lower window

Auto air conditioner with heater and defroster

Heated air suspension seat

3 inch retractable seatbelt

AM/FM radio with blueteeeth

Glass-breaking hammer

Cigarette lighter

Cup holder

Floor mat

Fire extinguisher

One key for all locks

Roll-Over Protective System (ROPS)

2-working mode selection system: Power, Economy

DRIVETRAIN

Hydraulic motor, piston type and two-gear reducer

2-speed travel system with automatic shift

ELECTRICAL SYSTEM

Alternator 12 V, 80 A

12 V battery

LED working lights on cab, 4 front and 2 rear

Starting, 12 V, 3 kW

Overloading warning

Rearview camera

Travel and swing alarms

Rotating beacon

SWING SYSTEM

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

INSTRUMENTATION

Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour

Fuel gauge

Hydraulic oil level gauge

UNDERCARRIAGE

450 mm (18") track-shoes with triple grousers

Rollers, bottom - 6 each side, top - 1 each side

Towing eye on base frame

Track gauge 1,750 mm (5'9")

DIGGING EQUIPMENT

3,375 mm (11'1") boom

1,650 mm (5'5") arm

0.28 m³ (0.37 yd³) bucket

GUARDS

Cover plate under travel frame

OTHER STANDARD EQUIPMENT

Counterweight, 1,400 kg

Maintenance tool kit

Maintenance parts package

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM

Hydraulic attachments rotation lines with variable flow and variable pressure
Hose burst safety valves, prevention of boom or arm supply dropped when the lines split
Quick coupler lines (low and high pressure)
Single auxiliary pipe for oil returning
Pilot oil preheat
Dozer blade float function
SAE/BHL pattern change

OPERATOR STATION

Operator Protective Guard (OPG)
Seatbelt reminder

UPPER STRUCTURE

Heavy duty platform bottom plate
Additional counterweight, 1750 kg

UNDERCARRIAGE

Integral rubber shoes, 450 mm (18")
Rubber block on track shoes
Steel shoes with rubber pads, 450 mm (18")
Track gauge 1,950 mm (6'5")

DIGGING EQUIPMENT (For Europe)

Arm: 2,100 mm (6'11")
2-piece boom



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