

**LIUGONG**

# 915F<sub>CR</sub> EXCAVATOR

ALL NEW  
**F** SERIES

Engine	Cummins F3.8
Net Power	84.5 kW
Operating Weight	15,400-17,200 kg
Bucket Capacity	0.77 m <sup>3</sup> (1.01 yd <sup>3</sup> )



TOUGH WORLD. TOUGH EQUIPMENT.



# SPECIFICATIONS

**Operating weight** 15,400-17,200 kg (33,951-37,920 lbs)

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

**Bucket capacity** 0.77 m<sup>3</sup> (1.01 yd<sup>3</sup>)

## ENGINE

### Description

Cummins EU Stage V, turbocharged, 4 cylinder, 4 stroke, water cooled.

Emission rating	Stage V
Engine manufacturer	Cummins
Engine model	F3.8
Aspiration	Turbocharged
Charged air cooling	Aftercooler
Cooling fan drive	Direct
Displacement	3.8 L (1 gal)
Rated speed	2,200 rpm
Engine Output - Gross (SAE J1349 / ISO 9249)	90 kW (120.7 hp)
Engine Output - Net (SAE J1995 / ISO 14396)	84.5 kW (113.3 hp)
Maximum torque	500 N-m (369 lbf-ft) @1,500 rpm
Bore x Stroke	102 x 115 mm (4" x 4.5")

## UNDERCARRIAGE

Track shoe each side	44 (1.7")
Link pitch	175 mm (6.9" metal)
Shoe width, triple grouser	500 mm (20")
Bottom rollers each side	7
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	11.3 rpm
Swing torque	36,790 N-m (27,135 lbf-ft)

## HYDRAULIC SYSTEM

### Main pump

Type	Two variable displacement
Maximum flow	2 x 117 L/min (2 x 30.9 gal/min)

### Relief valve setting

Implement	34.3 / 37 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	26.5 MPa (3,843 psi)
Pilot circuit	3.9 MPa (566 psi)

### Hydraulic cylinders

Boom Cylinder – Bore x Stroke	Φ105 x 1000 mm (4.1" x 3'3")
Arm Cylinder – Bore x Stroke	Φ115 x 1175 mm (4.5" x 3'10")
Bucket Cylinder – Bore x Stroke	Φ95 x 885 mm (3.7" x 2'11")

## ELECTRIC SYSTEM

System voltage	12 V
Batteries	24 V
Alternator	24 V - 70 A
Starter	24 V - 4.8 kW (24 V - 6.4 hp)

## SERVICE CAPACITIES

Fuel tank	200 L (52.8 gal)
Engine oil	12 L (3.2 gal)
Final drive (each)	2.5 L (0.7 gal)
Swing drive	3 L (0.8 gal)
Cooling system	20 L (5.3 gal)
Hydraulic reservoir	100 L (26.4 gal)
Hydraulic system total	160 L (42.3 gal)
DEF tank	25 L (6.6 gal)

## SOUND PERFORMANCE

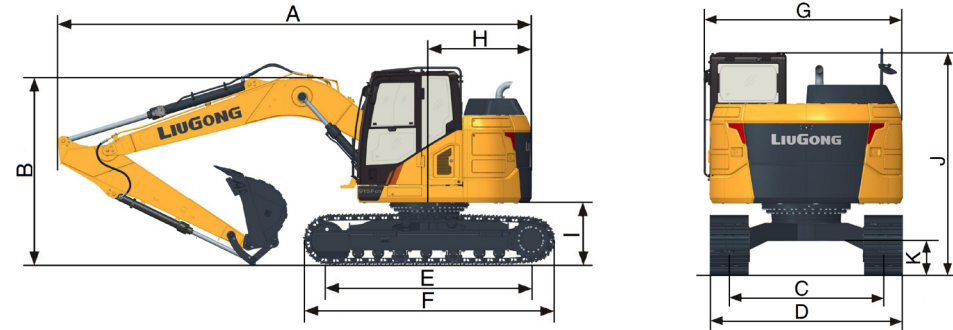
Interior Sound Power Level (ISO 6396)	72 dB(A)
Exterior Sound Power Level (ISO 6395)	99 dB(A)

## DRIVE AND BRAKES

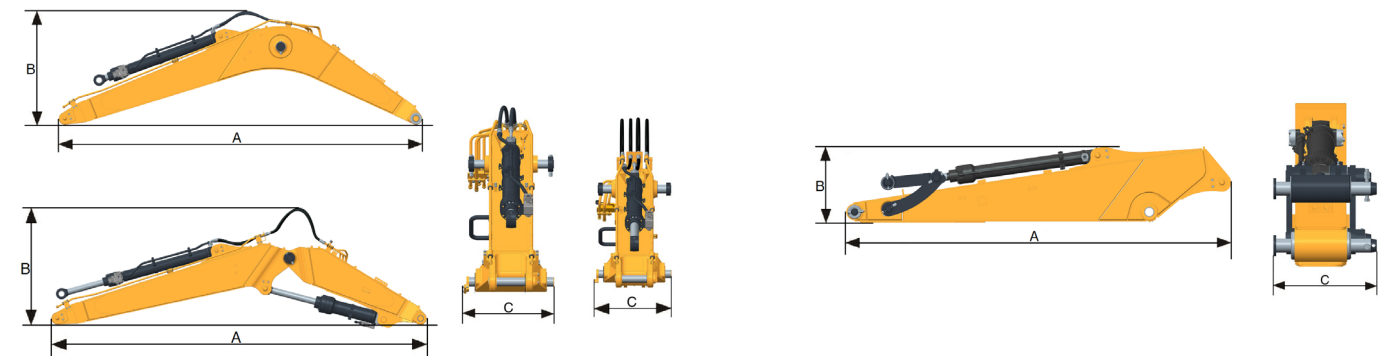
### Description

Steering controlled by two hand levers with pedals.

Max. travel speed	High: 4.9 km/h (3 mph) Low: 2.9 km/h (1.8 mph)
Gradeability	35°/70%
Max. drawbar pull	122 kN (27,427 lbf)



DIMENSIONS	MONO BOOM	MONO BOOM	TWO-PIECE BOOM
Boom	4,600 mm		5,050 mm
Arm Options	2,500 mm	2,900 mm	2,500 mm
A Shipping Length	7,335 mm	7,290 mm	7,590 mm
B Shipping Height – Top of Boom	2,980 mm	3,255 mm	3,115 mm
C Track Gauge		1,990 mm	
D Undercarriage Width - 500 mm (20") shoes		2,490 mm	
- 600 mm (24") shoes		2,590 mm	
- 700 mm (28") shoes		2,690 mm	
E Length to Center of Rollers		3,010 mm	
F Track Length		3,720 mm	
G Track Shoe Width (Standard)		2,490 mm	
H Tail Swing Radius		1,525 mm	
I Counterweight Ground Clearance		935 mm	
J Overall Height of cab		2,885 mm	
J (i) Height of cab including Halo		3,025 mm	
J (ii) Height of cab including FOP's Guard		3,015 mm	
K Min. Ground Clearance		450 mm	
Blade, max. lifting height		540 mm	
Blade, max. digging depth		540 mm	
Blade width (with 500 mm shoes)		2,490 mm	
Blade width (with 600 mm shoes)		2,590 mm	
Blade width (with 700 mm shoes)		2,690 mm	



BOOM DIMENSIONS	Monoboom	2 Piece Boom
Boom		
A Length	4,800 mm	5,050 mm
B Height	1,500 mm	1,600 mm
C Width	750 mm	750 mm
Weight	1,170 kg	1,460 kg

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

ARM DIMENSIONS		
Arm	2,500 mm	2,900 mm
A Length	3,300 mm	3,700 mm
B Height	650 mm	700 mm
C Width	450 mm	450 mm
Weight	640 kg	670 kg

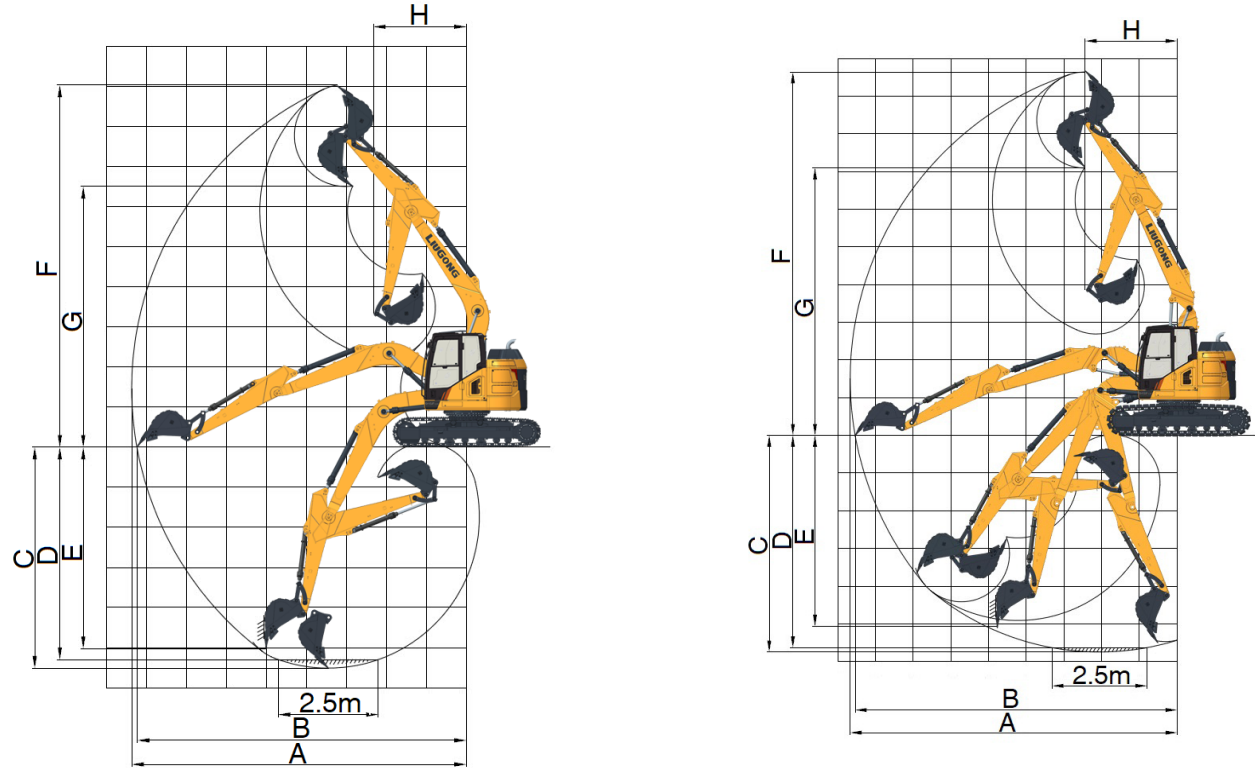
Cylinder, linkage and pin included.



**MACHINE WEIGHTS & GROUND PRESSURE**

Shoe width	MONO BOOM		TWO-PIECE BOOM	
	Operating weight	Ground pressure	Operating weight	Ground pressure
500 mm	15,400 kg	45.8 kPa	15,900 kg	47.3 kPa
600 mm	15,600 kg	38.7 kPa	16,100 kg	39.9 kPa
700 mm	15,800 kg	33.6 kPa	16,300 kg	34.6 kPa
500 mm rubber crawler pads	15,400 kg	45.6 kPa	15,900 kg	47.0 kPa

Operating weight, including 2500mm arm, 480 kg bucket, operator, lubricant, coolant, full fuel tank and the standard equipment. Additional weight with blade: +1000 kg



WORKING RANGE	MONO BOOM	TWO-PIECE BOOM
Boom Length	4,800 mm	5,050 mm
Arm Options	2,500 mm	2,900 mm
A. Max. Digging Reach	8,365 mm	8,670 mm
B. Max. Digging Reach on Ground	8,235 mm	8,535 mm
C. Max. Digging Depth	5,515 mm	5,745 mm
D. Max. Digging Depth, 2.5m (8') level	5,300 mm	5,630 mm
E. Max. Vertical Wall Digging Depth	5,030 mm	5,060 mm
F. Max. Cutting Height	9,040 mm	9,640 mm
G. Max. Dumping Height	6,510 mm	7,090 mm
H. Min. Front Swing Radius	2,325 mm	2,435 mm
Bucket Digging Force (ISO)	Normal	89.8 kN
	Power Boost	96.9 kN
Arm Digging Force (ISO)	Normal	64.9 kN
	Power Boost	70 kN
Bucket Capacity (Standard)	0.55 m <sup>3</sup>	0.55 m <sup>3</sup>
Bucket Tip Radius	1,085 mm	1,085 mm

Lifting capacity at the arm end without bucket. For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

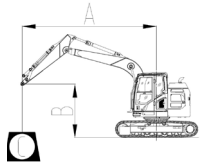
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- The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine 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)**

915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 500 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



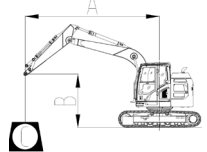
B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3	
3	kg		*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9	
1.5	kg		*8,450	6,100	*5,350	3,500	3,900	2,350	*2,550	1,850	7	
0	kg		*7,200	5,750	5,800	3,300	3,800	2,250	*2,400	1,850	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,800	2,200	*2,800	2,050	6.4
-3	kg	**9,150	**9,150	*7,150	5,800	**4,900	*3,250		*3,750	2,600	5.4	

**LIFTING CAPACITY (METRIC)**

915FCR with 600 mm Shoes, MONO Boom, 2,500 mm Arm

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 600 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3	
3	kg		*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9	
1.5	kg		*8,450	6,200	*5,350	3,550	4,000	2,400	*2,550	1,900	7	
0	kg		*7,200	5,850	*5,850	3,350	3,900	2,300	*2,400	1,900	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	3,850	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	*3,300		*3,750	*2,650	5.4	





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)

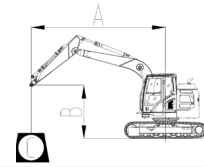
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- Operator should be fully acquainted with the 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)**

**915FCR with 700 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

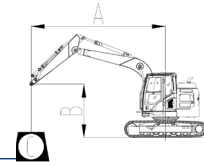
B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,600	*2,350	*2,350	6.3	
3	kg			*6,150	*6,150	*4,500	3,850	*3,800	2,550	*2,000	*2,000	6.9
1.5	kg			*8,450	6,300	*5,350	3,600	4,050	2,450	*2,550	1,950	7
0	kg			*7,200	5,950	*5,850	3,400	3,950	2,350	*2,400	1,950	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,900	*5,800	3,350	3,900	*2,300	*2,800	2,150	6.4
-3	kg	*9,150	*9,150	*7,150	*6,000	*4,900	*3,350		*3,750	*2,700	5.4	

**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 500 mm rubber track shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3	
3	kg			*6,150	*6,150	*4,500	3,700	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,050	*5,350	3,450	3,900	2,350	*2,550	1,850	7
0	kg			*7,200	5,750	5,800	3,250	3,800	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,750	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	*3,250		*3,750	*2,550	5.4	

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)

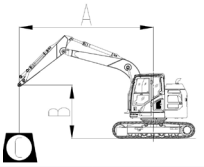
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**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 500 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

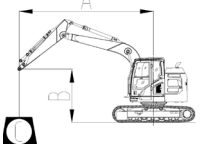
B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	3,950	2,350	*2,000	1,750	7.4
0	kg			*7,800	5,800	*5,750	3,300	3,800	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,900	6.8
-3	kg	*7,900	*7,900	*7,650	5,750	*5,250	3,200		*3,250	2,250	5.9	
-4.5	kg			*5,050	*5,050				*3,100	*3,100	4.4	

**LIFTING CAPACITY (METRIC)**

**915FCR with 600 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 600 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,600	4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,900	*5,750	3,350	3,900	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,800	5,800	3,250	3,800	*2,250	*2,400	1,900	6.8
-3	kg	*7,900	*7,900	*7,650	5,850	*5,250	3,250		*3,250	2,300	5.9	
-4.5	kg			*5,050	*5,050				*3,100	*3,100	4.4	



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.  
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Rating over-front (Cf)



Rating over-side (Cs)

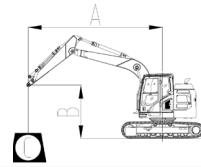
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**LIFTING CAPACITY (METRIC)**

**915FCR with 700 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

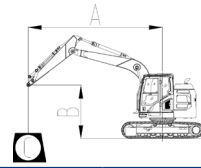
B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,650	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,900	*3,600	2,550	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,450	*5,100	3,650	*4,000	2,450	*2,000	1,800	7.4	
0	kg		*7,800	6,000	*5,750	3,400	3,950	2,350	*1,950	1,800	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,900	*5,850	3,300	3,900	*2,300	*2,400	1,950	6.8
-3	kg	*7,900	*7,900	*7,650	5,950	*5,250	3,300		*3,250	2,350	5.9	
-4.5	kg			*5,050	*5,050				*3,100	*3,100	4.4	

**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 500 mm rubber track shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,250	*5,100	3,500	3,900	2,350	*2,000	1,700	7.4	
0	kg		*7,800	5,750	*5,750	3,300	3,800	2,250	*1,950	1,700	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,700	*5,250	3,200		*3,250	2,250	5.9	
-4.5	kg			*5,050	*5,050				*3,100	*3,100	4.4	

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)

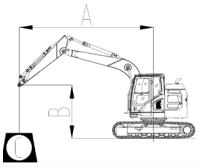
- Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
- The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. 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)**

**915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 500 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3	
3	kg		*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9	
1.5	kg		*8,450	6,000	*5,350	3,400	*4,150	2,300	*2,550	1,850	7	
0	kg		*7,200	5,650	*5,850	3,200	*4,350	2,200	*2,400	1,850	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,600	*5,800	3,150	*4,200	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200		*3,750	*2,550	5.4	

B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3	
3	kg		*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9	
1.5	kg		*8,450	6,000	*5,350	3,400	3,950	2,300	*2,550	1,850	7	
0	kg		*7,200	5,650	*5,850	3,200	3,850	2,200	*2,400	1,850	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,600	5,750	3,150	3,800	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200		*3,750	*2,550	5.4	



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)

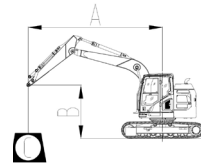
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- The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine 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)**

**915FCR with 600 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 600 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3	
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,450	*4,150	2,350	*2,550	1,850	7
0	kg			*7,200	5,750	*5,850	3,300	*4,350	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	*5,800	3,200	*4,200	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	3,250			*3,750	*2,600	5.4

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3	
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,450	4,000	2,350	*2,550	1,850	7
0	kg			*7,200	5,750	*5,850	3,300	3,900	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	*5,800	3,200	3,850	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	3,250			*3,750	*2,600	5.4

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)

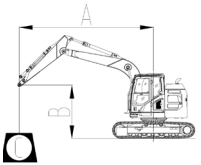
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 700 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3	
3	kg			*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9
1.5	kg			*8,450	6,200	*5,350	3,500	*4,150	2,350	*2,550	1,900	7
0	kg			*7,200	5,850	*5,850	3,350	*4,350	2,300	*2,400	1,900	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	*4,200	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	3,300			*3,750	*2,600	5.4

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3	
3	kg			*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9
1.5	kg			*8,450	6,200	*5,350	3,500	4,050	2,350	*2,550	1,900	7
0	kg			*7,200	5,850	*5,850	3,350	3,950	2,300	*2,400	1,900	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	3,950	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	3,300			*3,750	*2,600	5.4



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)

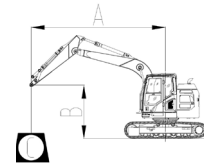
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,500 mm  
Shoes: 500 mm rubber track shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3	
3	kg		*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9	
1.5	kg		*8,450	5,950	*5,350	3,400	*4,150	2,300	*2,550	1,850	7	
0	kg		*7,200	5,600	*5,850	3,200	*4,350	2,200	*2,400	1,800	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,550	*5,800	3,150	*4,200	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,650	*4,900	3,150		*3,750	*2,500	5.4	

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,600	*3,600			*2,050	*2,050	5.4	
4.5	kg				*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3	
3	kg		*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9	
1.5	kg		*8,450	5,950	*5,350	3,400	3,950	2,300	*2,550	1,850	7	
0	kg		*7,200	5,600	5,850	3,200	3,850	2,200	*2,400	1,800	6.9	
-1.5	kg	*5,150	*5,150	*8,600	5,550	5,750	3,150	3,800	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,650	*4,900	3,150		*3,750	*2,500	5.4	

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)

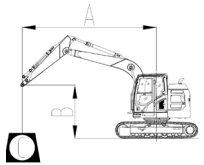
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 500 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,150	*5,100	3,450	*4,000	2,300	*2,000	1,700	7.4	
0	kg		*7,800	5,650	*5,750	3,250	*4,300	2,200	*1,950	1,700	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,550	*5,850	3,150	*4,250	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,150		*3,250	2,250	5.9	
-4.5	kg		*5,050	*5,050					*3,100	*3,100	4.4	

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,150	*5,100	3,450	3,950	2,300	*2,000	1,700	7.4	
0	kg		*7,800	5,650	*5,750	3,250	3,850	2,200	*1,950	1,700	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,550	5,750	3,150	3,800	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,150		*3,250	2,250	5.9	
-4.5	kg		*5,050	*5,050					*3,100	*3,100	4.4	



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)

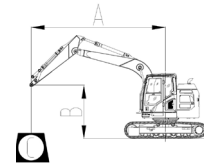
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**LIFTING CAPACITY (METRIC)**

**915FCR with 600 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 600 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	*4,000	2,350	*2,000	1,700	7.4
0	kg			*7,800	5,750	*5,750	3,300	*4,300	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	*5,850	3,200	*4,250	*2,200	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	*4,000	2,350	*2,000	1,700	7.4
0	kg			*7,800	5,750	*5,750	3,300	3,900	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,850	3,200	3,850	*2,200	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

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)

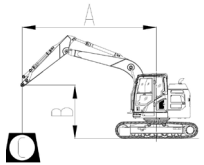
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- The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine 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)**

**915FCR with 700 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
Arm length: 2,900 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,550	*4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,850	*5,750	3,350	*4,300	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,750	*5,850	3,250	*4,250	*2,250	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,800	*5,250	3,250			*3,250	2,300	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8	
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,550	*4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,850	*5,750	3,350	3,950	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,750	*5,850	3,250	3,900	*2,250	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,800	*5,250	3,250			*3,250	2,300	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4





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.



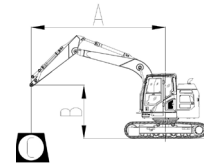
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- Operator should be fully acquainted with the 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)**

**915FCR with 700 mm Shoes, MONO Boom, 2,900 mm Arm**

**Conditions**

Boom length: 4,800 mm  
 Arm length: 2,900 mm  
 Shoes: 500 mm rubber track shoes  
 Bucket: None  
 Counterweight: 3,500 kg  
 Blade: YES

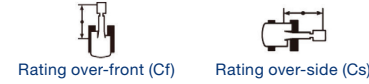


A: Load radius  
 B: Load point height  
 C: Lifting capacity rating  
 Cf: Rating loads over front  
 Cs: Rating loads over side or 360°

Blade Down												
B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,700	*3,600	2,400	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,100	*5,100	3,450	*4,000	2,300	*2,000	1,700	7.4	
0	kg		*7,800	5,650	*5,750	3,200	*4,300	2,200	*1,950	1,700	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,550	*5,850	3,100	*4,250	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,100		*3,250	2,200	5.9	
-4.5	kg		*5,050	*5,050					*3,100	*3,100	4.4	

Blade Up												
B/A (m)	1.5		3.0		4.5		6		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6	kg				*3,200	*3,200			*1,700	*1,700	5.9	
4.5	kg				*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8	
3	kg		*5,400	*5,400	*4,150	3,700	*3,600	2,400	*1,600	*1,600	7.3	
1.5	kg		*7,900	6,100	*5,100	3,450	3,950	2,300	*2,000	1,700	7.4	
0	kg		*7,800	5,650	*5,750	3,200	3,850	2,200	*1,950	1,700	7.3	
-1.5	kg	*4,700	*4,700	*8,850	5,550	5,750	3,100	3,750	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,100		*3,250	2,200	5.9	
-4.5	kg		*5,050	*5,050					*3,100	*3,100	4.4	

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.



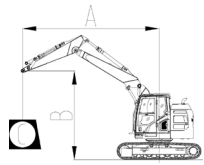
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- Ratings at bucket lift hook.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
 Arm length: 2,500 mm  
 Shoes: 500 mm triple grouser shoes  
 Bucket: None  
 Counterweight: 3,500 kg  
 Blade: None



A: Load radius  
 B: Load point height  
 C: Lifting capacity rating  
 Cf: Rating loads over front  
 Cs: Rating loads over side or 360°

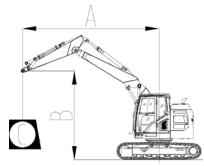
B/A (m)	1.5		3.0		4.5		6		MAX REACH				
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)		
6	kg				*3,650	*3,650			*2,050	*2,050	5.8		
4.5	kg				*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg				*6,550	*6,550	*4,550	3,650	*3,750	2,400	*2,050	1,750	7.2
1.5	kg						*5,300	3,350	3,850	2,250	*2,600	1,700	7.3
0	kg				*5,000	*5,000	*5,650	3,150	3,750	2,150	*2,450	1,700	7.2
-1.5	kg				*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850	6.7
-3	kg				*6,400	*5,600	*4,600	3,100			*3,100	*2,300	5.8

**LIFTING CAPACITY (METRIC)**

**915FCR with 600 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
 Arm length: 2,500 mm  
 Shoes: 600 mm triple grouser shoes  
 Bucket: None  
 Counterweight: 3,500 kg  
 Blade: None



A: Load radius  
 B: Load point height  
 C: Lifting capacity rating  
 Cf: Rating loads over front  
 Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH				
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)		
6	kg				*3,650	*3,650			*2,050	*2,050	5.8		
4.5	kg				*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	*2,050	6.7
3	kg				*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg						*5,300	3,400	3,900	2,300	*2,600	1,700	7.3
0	kg				*5,000	*5,000	*5,650	3,200	3,800	2,200	*2,450	1,700	7.2
-1.5	kg				*7,900	5,550	*5,450	3,100	3,750	*2,150	*3,000	1,900	6.7
-3	kg				*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8



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)

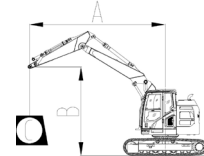
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**LIFTING CAPACITY (METRIC)**

**915FCR with 700 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
Arm length: 2,500 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

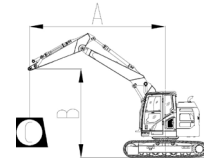
B/A (m)	1.5		3.0		4.5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,550	*2,050	*2,050	6.7
3	kg		*6,550	*6,550	*4,550	3,750	*3,750	2,450	*2,050	1,850	7.2
1.5	kg				*5,300	3,450	4,000	2,350	*2,600	1,750	7.3
0	kg		*5,000	*5,000	*5,650	3,250	3,850	2,250	*2,450	1,750	7.2
-1.5	kg		*7,900	5,700	*5,450	3,200	3,850	*2,200	*3,000	1,900	6.7
-3	kg		*6,400	*5,800	*4,600	3,250			*3,100	*2,350	5.8

**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
Arm length: 2,500 mm  
Shoes: 500 mm rubber track shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: None



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,000	6.7
3	kg		*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg				*5,300	3,300	3,850	2,250	*2,600	1,700	7.3
0	kg		*5,000	*5,000	*5,650	3,100	3,750	2,150	*2,450	1,700	7.2
-1.5	kg		*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850	6.7
-3	kg		*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

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)

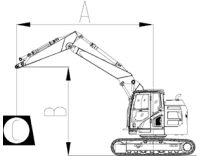
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
Arm length: 2,500 mm  
Shoes: 500 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

B/A (m)	1.5		3.0		4.5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg		*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg				*5,300	3,250	*4,000	2,200	*2,600	1,650	7.3
0	kg		*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650	7.2
-1.5	kg		*7,900	5,350	*5,450	3,000	*4,000	*2,050	*3,000	1,800	6.7
-3	kg		*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8

B/A (m)	1.5		3.0		4.5		6		MAX REACH		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg		*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg				*5,300	3,250	3,900	2,200	*2,600	1,650	7.3
0	kg		*5,000	*5,000	*5,650	3,050	3,750	2,100	*2,450	1,650	7.2
-1.5	kg		*7,900	5,350	*5,450	3,000	3,750	*2,050	*3,000	1,800	6.7
-3	kg		*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8



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)

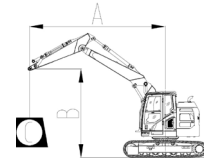
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- Lifting capacities are based on machine standing on level, firm and uniform ground.
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**LIFTING CAPACITY (METRIC)**

**915FCR with 600 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
Arm length: 2,500 mm  
Shoes: 600 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg		*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg				*5,300	3,350	*4,000	2,250	*2,600	1,700	7.3
0	kg		*5,000	*5,000	*5,650	3,100	*4,200	2,150	*2,450	1,700	7.2
-1.5	kg		*7,900	5,450	*5,450	3,050	*4,000	*2,100	*3,000	1,850	6.7
-3	kg		*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg		*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg				*5,300	3,350	3,950	2,250	*2,600	1,700	7.3
0	kg		*5,000	*5,000	*5,650	3,100	3,850	2,150	*2,450	1,700	7.2
-1.5	kg		*7,900	5,450	*5,450	3,050	3,800	*2,100	*3,000	1,850	6.7
-3	kg		*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

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)

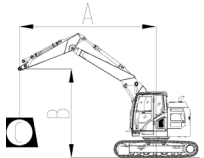
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- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- Operator should be fully acquainted with the 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)**

**915FCR with 700 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
Arm length: 2,500 mm  
Shoes: 700 mm triple grouser shoes  
Bucket: None  
Counterweight: 3,500 kg  
Blade: YES



A: Load radius  
B: Load point height  
C: Lifting capacity rating  
Cf: Rating loads over front  
Cs: Rating loads over side or 360°

**Blade Down**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	2,050	6.7
3	kg		*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg				*5,300	3,400	*4,000	2,300	*2,600	1,700	7.3
0	kg		*5,000	*5,000	*5,650	3,200	*4,200	2,200	*2,450	1,700	7.2
-1.5	kg		*7,900	5,550	*5,450	3,100	*4,000	*2,150	*3,000	1,900	6.7
-3	kg		*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8

**Blade Up**

B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	2,050	6.7
3	kg		*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg				*5,300	3,400	4,000	2,300	*2,600	1,700	7.3
0	kg		*5,000	*5,000	*5,650	3,200	3,900	2,200	*2,450	1,700	7.2
-1.5	kg		*7,900	5,550	*5,450	3,100	3,850	*2,150	*3,000	1,900	6.7
-3	kg		*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8



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)

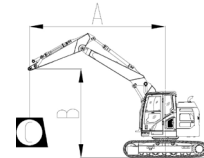
- Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
- The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. 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)**

**915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm**

**Conditions**

Boom length: 5,050 mm  
 Arm length: 2,500 mm  
 Shoes: 500 mm rubber track shoes  
 Bucket: None  
 Counterweight: 3,500 kg  
 Blade: YES



A: Load radius  
 B: Load point height  
 C: Lifting capacity rating  
 Cf: Rating loads over front  
 Cs: Rating loads over side or 360°

Blade Down											
B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	3,850	*3,500	2,400	*2,050	2,000	6.7
3	kg		*6,550	6,550	*4,550	3,550	*3,750	2,300	*2,050	1,750	7.2
1.5	kg				*5,300	3,250	*4,000	2,200	*2,600	1,650	7.3
0	kg		*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650	7.2
-1.5	kg		*7,900	5,300	*5,450	3,000	*4,000	*2,050	*3,000	1,800	6.7
-3	kg		*6,400	*5,450	*4,600	3,050			*3,100	*2,200	5.8

Blade Up											
B/A (m)	1.5		3.0		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6	kg				*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg		*4,200	*4,200	*3,900	3,850	*3,500	2,400	*2,050	2,000	6.7
3	kg		*6,550	6,550	*4,550	3,550	*3,750	2,300	*2,050	1,750	7.2
1.5	kg				*5,300	3,250	3,850	2,200	*2,600	1,650	7.3
0	kg		*5,000	*5,000	*5,650	3,050	3,750	2,100	*2,450	1,650	7.2
-1.5	kg		*7,900	5,300	*5,450	3,000	3,700	*2,050	*3,000	1,800	6.7
-3	kg		*6,400	*5,450	*4,600	3,050			*3,100	*2,200	5.8

# STANDARD EQUIPMENT

**ENGINE SYSTEM**

- Cummins F3.8 engine, EU Stage V, turbo-charged, 4 cylinder, 4 stroke, water cooled
- 3-power modes (Power, Standard, Economy)
- Engine overheat prevention system
- Engine oil low pressure protection
- Auto-idle speed control
- Automatic engine shutdown
- Twin-core air filter with integrated pre-filter
- Plastic fuel tank
- Manual fuel lifting pump
- Fuel pre-filter with water separator and water detection
- Remote engine oil filter
- Ground level engine oil gauge
- Lockable engine oil gauge
- Radiator dust-proof net
- Air conditioner compressor belt automatic tense
- 20°C cold start capability
- Electric refueling pump with auto shutoff

**HYDRAULIC SYSTEM**

- Full electric control hydraulic system
- Power boost function
- Pilot control shut-off lever
- Pilot accumulator
- Automatic swing parking brake
- Swing with anti-proof function
- Automatic two-speed travel
- Automatic travel parking brake
- Boom and arm holding valves
- Hand proportional control auxiliary dual way pipes
- Hand proportional control auxiliary swing pipes
- PTO max flow with manual control
- Auxiliary single-double hydraulic lines exchange on the monitor
- Auxiliary dual pipe flow & pressure adjustable
- Attachment oil drain line

**OPERATOR STATION**

- Pressurized and sealed cab
- ROPS certified cab
- Lower windshield can be removable
- Openable front windshield with assist device

- Large roof window with slide sliding sun visor
- Air suspension deluxe seat (with heater and head rest) +retractable seat belt (75 mm [3 in] width, red colour, with green alarm lamp)
- Consoles and seat height adjustable follow-up
- 8 inches high resolution LCD touch screen + integrated control panel
- Automatic air conditioner, heater, defroster
- Fire extinguisher
- Safety hammer for cab evacuation
- Green safety glass
- Cab interior lighting
- Left armrest box can be reversed

**ELECTRICAL SYSTEM**

- Monitor: working mode, working hour, water temperature, oil temperature, fuel level, DEF level, fuel consumption, rear vision, fault code, work condition etc. machine information.
- Warn: low engine oil pressure, low fuel level, air filter clog, machine overheat, low coolant level, low DEF level, maintenance remind etc.
- Two maintenance free battery
- Battery disconnect switch
- Front window wiper with time adjustable intermittent feature
- AM/FM radio with auxiliary input
- Blue tooth
- Working lights close time delay by programmable
- Cab interior decoration lights close time delay by programmable
- Ground level engine shutoff switch
- Left boom working light
- Right platform working light
- Rear and right side view cameras
- Set password for auxiliary hydraulic-flow adjustments
- Work tool flow and pressure programmable memories
- Control pattern-change valve
- Overload warning device
- Travel alarm
- Rotating beacon
- Rotating warning light

- Reserved installation seat and wiring harness for double warning lights in the cab
- Right boom working light
- 360° view
- Cab LED ceiling lights (4 in front and 2 in rear)
- Reserved installation seat and wiring harness for the long strip cab LED ceiling lights
- 12V power supply

**UNDERCARRIAGE**

- Standard track undercover
- 500mm track-shoes with triple grousers
- Rollers, bottom - 7 each side
- Rollers, top - 2 each side
- 1 piece track guards (each side)
- Travel motor guards
- Centralized lubrication for swing bearing
- Towing eye on base frame
- Traction hole on base frame
- 2 piece track guards (each side)
- Reinforced track undercover

**UPPER STRUCTURE**

- Punched metal anti-slip plates
- Foot pedal is in engine room
- Tool box
- Standard frame undercover
- One key for all locks
- 3,000 kg counterweight
- 500 kg extra counterweight
- Reinforced frame undercover

**DIGGING EQUIPMENT**

- 4,600 mm boom
- 2,500 mm arm
- Arm front end with guard bars
- Manual centralized lubrication on boom
- Bucket cylinder rod protect

**SERVICE & MAINTENANCE**

- Maintenance tool kit
- Maintenance parts package
- Data diagnostic port
- Self-diagnostic system

# OPTIONAL EQUIPMENT

**HYDRAULIC SYSTEM**

- High pressure quick-coupler pipes

**OPERATOR STATION**

- Cab lower window guard
- Cab top guard
- Openable cab front guard
- Sunscreen
- Front window rain visor
- Cab front guard and top guard (falling object protective structure)

**ELECTRICAL SYSTEM**

- Quicker-coupler opening warning
- Starting code

**UNDERCARRIAGE**

- 600 mm track-shoes with triple grousers
- 700 mm track-shoes with triple grousers and auxiliary track footrest
- 500 mm rubber block track
- 500 mm track shoes withbolt on rubber pads
- Dozer with locking function
- Dozer with floating function

**UPPER STRUCTURE**

- Guard fence of upper frame around

**DIGGING EQUIPMENT**

- Bucket linkage with lifting eye
- Bucket lifting hole
- 2,100 mm short reach arm
- 2,900 mm long reach arm
- Two pieces boom





**TRUCK & EQUIPMENT SERVICES SA**  
**17, rue des Martyrs**  
**L-7375 LORENTZWEILER**  
**+352 33 34 35**  
**info@tes.lu**  
**www.tes.lu**

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**Guangxi LiuGong Machinery Co., Ltd.**

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China  
T: +86 772 388 6124 E: overseas@liugong.com  
www.liugong.com

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