



Engine
Net Power
Operating Weight
Bucket Capacity

Cummins F3.8 69.5 kW (93.2 hp / 94.5 ps) @ 2,200 rpm 14,700 - 16,500 kg (32,408-36376 lbs) 0.55 m<sup>3</sup> 913Fcr EXCAVATOR



# **SPECIFICATIONS**

14,700-16, 500 kg Operating weight (32,408-36376 lbs)

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

Bucket capacity 0.55 m<sup>3</sup>

В	N	C	т	
н	М	GI	IV	в.

# Description

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

cylinder, 4 stroke, water cooled		
Emission rating	EU Stage V	
Engine manufacturer	Cummins	
Engine model	F3.8	
Displacement	3.8 L (1 gal)	
Rated speed	2,200 rpm	
Engine Output - Net (SAE J1349 / ISO 9249)	69.5 kW (93.2 hp / 94.5 ps)	
Engine Output - Gross (SAE J1995 / ISO 14396)	75 kW (100.6 hp / 101.9 ps)	
Maximum torque	500 N·m (369 lbf·ft) @1,500 rpm	
Bore × Stroke	102 × 115 mm (4" × 4.5")	

UNDERCARRIAGE	
Track shoe each side	44 (1.7")
Link pitch	175 mm (6.9" metal)
Shoe width,	500/600/700
triple grouser	mm (20"/24"/28")
Bottom rollers each side	7
Top rollers each side	1

SWING SYSTEM	
Swing speed	11.3 rpm
Swing torque	36,790 N·m (27,135 lbf·ft)

HYDRAULIC SYSTEM	
Main pump	
Туре	Two variable displacement piston pumps
Maximum flow	2 x 117 L/min
	(2 x 30.9 gal/min)
Relief valve setting	
Leaderson	34.3 / 37 MPa
Implement	(4,975 / 5,366 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 –	Ф105 × 1,000 mm
Bore × Stroke	(4.1"×3'3")
Arm Cylinder –	Ф115 × 1,175 mm
Bore × Stroke	(4.5"×3'10")
Bucket Cylinder -	Ф95 × 885 mm
Bore × Stroke	(3.7"×2'11")

ELECTRIC SYSTEM	
System voltage	12 V
Batteries	2x12 V
Alternator	12 V - 70 A
Start motor	12 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 be pedals.	by two hand levers with	
	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		
Boom	4,600	0 mm
Arm Options	2,500 mm	2,900 mm
A Shipping Length	7,295 mm	7,260 mm
B Shipping Height	2,980 mm	3,190 mm
C Undercarriage Width - 500 mm (20") shoes	2,490	0 mm
600 mm (24") shoes	2,590	) mm
700 mm (28") shoes	2,690	) mm
D Shipping length on ground	4,435 mm	4,255 mm
E Track Gauge	1,990	) mm
F Length to Center of Rollers	2,930	) mm
G Track Length	3,660	) mm
H Overall Width of Upper Structure	2,490	) mm
J Overall Width of Upper Structure including Cab handrail	2,570	) mm
K Overall Width of Upper Structure including Cab rearview mirror	2,790	) mm
L Tail Swing Radius	1,525	5 mm
M Distance of swing center to blade	2,805	5 mm
N Counterweight Ground Clearance	925	mm
P Overall Height of Counterweight	2,205	5 mm
Q Overall Height of Cab	2,875	5 mm
Overall Height of Cab including Halo	3,020	) mm
Overall Height of Cab including FOP's Guard	3,010	) mm
R Overall Height of Platform handrail	2,925	5 mm
S Min. Ground Clearance	440	mm
T Track Shoe Width	500	mm
U Blade, max. lifting height	500	mm
V Blade, max. digging depth	575	mm

Operating weight	Ground pressure	Overall width	
Operating weight, including 2,500mm arm, 450 kg bucket, additional weight with blade: +1,000 kg.			
14,700 kg	44.9 kPa	2,490 mm	
14,900 kg	37.9 kPa	2,590 mm	
15,100 kg	32.9 kPa	2.690 mm	
14,700 kg	44.6 kPa	2,490 mm	
	Operating weight, including 2,50 14,700 kg 14,900 kg 15,100 kg	Operating weight, including 2,500mm arm, 450 kg bucket, additions 14,700 kg 44.9 kPa 14,900 kg 37.9 kPa 15,100 kg 32.9 kPa	





2,500 mm

3,300 mm

650 mm

450 mm

640 kg



2,900 mm

3,700 mm

700 mm

450 mm

670 kg





BOOM DIMENSIONS	
Boom	/
Length	4,800 mm
Height	1,500 mm
Width	750 mm
Weight	1,170 kg

Cylinder, linkage and pin included.

**ARM DIMENSIONS** 

Arm

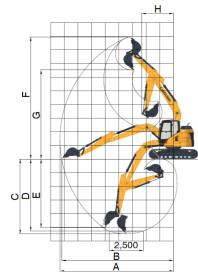
Length

Height

Width

Weight

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



WORKING RANGE		
MONO BOOM		/
Arm		2,500/2,900 mm
A. Max. Digging Reach		8,315/8,705 mm
B. Max. Digging Reach on Groun	d	8,190/8,585 mm
C. Max. Digging Depth		5,490/5,890 mm
D. Max. Digging Depth, 2.5m (8')	evel	5,275/5,700 mm
E. Max. Vertical Wall Digging Dep	th	5,030/5,415 mm
F. Max. Cutting Height		8,960/9,260 mm
G. Max. Dumping Height		6,530/6,835 mm
H. Min. Front Swing Radius		2,325/2,430 mm
Punkat Digging Force (ISO)	Normal	89.8 kN
Bucket Digging Force (ISO)	Power Boost	96.9 kN
Arm Diaging Force (ISO)	Normal	64.9/58 kN
Arm Digging Force (ISO)	Power Boost	70/63.5 kN
Bucket Capacity		0.5 m <sup>3</sup>
Bucket Tip Radius		1,055 mm

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





Rating over-front (Cf) Rating over-side (Cs)

- 1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
- 2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- 3. Ratings at bucket lift hook.

- 4. Lifting capacities are based on machine standing on level, firm and uniform ground.
- 5. \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at

# LIFTING CAPACITY (METRIC)

# 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius B: load point height
C: Lifting capacity rating

Cf: Rated loads over front Cs: Rated loads over side

## Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm triple grouser shoes





D/A ()		1.9	5m	3.0	0m	4.5	5m	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,400	3,550	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,500	5,300	3,150	3,450	2,100	*2,550	1,650	7
ground	kg			*7,200	5,150	5,100	2,950	3,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,100	5,000	2,850	3,300	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,200	*4,900	2,900			*3,750	2,300	5.4

# LIFTING CAPACITY (METRIC)

913FCR with 600 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius B: load point height
C: Lifting capacity rating

Cs: Rated loads over side

Cf: Rated loads over front

# Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 600 mm triple grouser shoes





D (A ()		1.8	ōm	3.0	)m	4.5	ōm	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3,350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	3,600	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,600	*5,350	3,200	3,500	2,150	*2,550	1,700	7
ground	kg			*7,200	5,250	5,200	3,000	3,400	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,200	5,100	2,950	3,350	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,300	*4,900	2,950			*3,750	2,350	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.





- 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.
- 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





Rating over-side (Cs) Rating over-front (Cf)

Lifting capacity at the arm end without bucket.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be

- 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

# LIFTING CAPACITY (METRIC)

## 913FCR with 700 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius B: load point height C: Lifting capacity rating Cf: Rated loads over front

Cs: Rated loads over side

#### **Conditions**

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 700 mm triple grouser shoes Blade: None



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

# LIFTING CAPACITY (METRIC)

913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius B: load point height C: Lifting capacity rating Cf: Rated loads over front

Cs: Rated loads over side

# **Conditions**

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm rubber track shoes



D/A (m)		1.5	5m	3.0m		4.5	5m	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,400	3,550	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,450	5,300	3,100	3,450	2,100	*2,550	1,650	7
ground	kg			*7,200	5,150	5,050	2,950	3,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,100	4,950	2,850	3,300	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,200	*4,900	2,900			*3,750	2,300	5.4

# LIFTING CAPACITY (METRIC)

deducted from the lifting capacities.

## 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

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

#### Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm triple grouser shoes Blade: None



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

# LIFTING CAPACITY (METRIC)

## 913FCR with 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius B: load point height

C: Lifting capacity rating Cf: Rated loads over front

Cs: Rated loads over side

## Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 600 mm triple grouser shoes

Blade: None



	1.5	ōm	3.0	)m	4.5	ōm	61	m	N	MAX REAC	н
_	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
kg					*3,200	*3,200			*1,700	*1,700	5.9
kg					*3,450	*3,450	*3,350	2,350	*1,650	*1,650	6.8
kg			*5,400	*5,400	*4,150	3,500	*3,600	2,300	*1,600	*1,600	7.3
kg			*7,850	5,750	*5,100	3,250	3,550	2,150	*2,000	1,600	7.4
kg			*7,800	5,300	5,200	3,050	3,400	2,050	*1,950	1,550	7.3
kg	*4,700	*4,700	*8,850	5,200	5,100	2,900	3,350	2,000	*2,450	1,700	6.8
kg	*7,900	*7,900	*7,650	5,250	5,100	2,950			*3,300	2,100	5.9
kg			*5,050	*5,050					*3,100	*3,100	4.4
	kg kg kg kg kg kg	Cf kg *4,700 kg *7,900	kg *4,700 *4,700 kg *7,900 *7,900	Cf         Cs         Cf           kg         *5,400           kg         *7,850           kg         *7,800           kg         *8,850           kg         *7,900           kg         *7,900	Cf         Cs         Cf         Cs           kg         *5,400         *5,400           kg         *7,850         5,750           kg         *7,800         5,300           kg         *4,700         *8,850         5,200           kg         *7,900         *7,650         5,250	Cf         Cs         Cf         Cs         Cf           kg         *3,200           kg         *3,450           kg         *5,400         *5,400         *4,150           kg         *7,850         5,750         *5,100           kg         *7,800         5,300         5,200           kg         *4,700         *8,850         5,200         5,100           kg         *7,900         *7,900         5,250         5,100	Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,200         *3,200         *3,200           kg         *3,450         *3,450         *3,450           kg         *5,400         *5,400         *4,150         3,500           kg         *7,850         5,750         *5,100         3,250           kg         *7,800         5,300         5,200         3,050           kg         *4,700         *8,850         5,200         5,100         2,900           kg         *7,900         *7,900         5,250         5,100         2,950	Cf         Cs         Cf         Cs         Cf         Cs         Cf           kg         *3,200         *3,200         *3,200           kg         *3,450         *3,450         *3,350           kg         *5,400         *5,400         *4,150         3,500         *3,600           kg         *7,850         5,750         *5,100         3,250         3,550           kg         *7,800         5,300         5,200         3,050         3,400           kg         *4,700         *4,700         *8,850         5,200         5,100         2,900         3,350           kg         *7,900         *7,950         5,250         5,100         2,950	Cf         Cs         Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,200         *3,200         *3,200         *3,350         2,350           kg         *5,400         *5,400         *4,150         3,500         *3,600         2,300           kg         *7,850         5,750         *5,100         3,250         3,550         2,150           kg         *7,800         5,300         5,200         3,050         3,400         2,050           kg         *4,700         *4,700         *8,850         5,200         5,100         2,900         3,350         2,000           kg         *7,900         *7,900         5,250         5,100         2,950	Cf         Cs         Cs<	Cf         Cs         Cs<



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.
- 3. Ratings at bucket lift hook.

- 4. 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.





Rating over-front (Cf) Rating over-side (Cs)

Lifting capacity at the arm end without bucket.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be

- 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.
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- 5. \*Indicates the load is limited by hydraulic capacity rather than tipping capacity.
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# LIFTING CAPACITY (METRIC)

# 913FCR with 700 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front

Cs: Rated loads over side

#### Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 700 mm triple grouser shoes Blade: None



D/A (m)		1.5	5m	3.0	0m	4.5	5m	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,400	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,600	*3,600	2,300	*1,600	*1,600	7.3
1.5	kg			*7,850	5,900	*5,100	3,300	3,600	2,200	*2,000	1,600	7.4
ground	kg			*7,800	5,400	5,300	3,100	3,500	2,100	*1,950	1,600	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,300	5,200	3,000	3,400	2,050	*2,450	1,750	6.8
-3	kg	*7,900	*7,900	*7,650	5,350	5,200	3,000			*3,300	2,100	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3100	4.4

# LIFTING CAPACITY (METRIC)

# 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height

C: Lifting capacity rating Cf: Rated loads over front Cs: Rated loads over side

# Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm rubber track shoes Blade: None



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

# LIFTING CAPACITY (METRIC)

deducted from the lifting capacities.

## 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

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

#### Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm triple grouser shoes Blade: YES



## Blade Down

D (A ()		1.5	5m	3.0	0m	4.5	ōm	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,550	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,300	*3,800	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	*5,350	3,050	*4,150	2,050	*2,550	1,650	7
ground	kg			*7,200	5,050	*5,850	2,850	*4,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,000	*5,800	2,800	*4,200	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,100	*4,900	2,850			*3,750	2,250	5.4

						Blade Up	)					
D/A (m)		1.4	5m	3.0	Om	4.5	īm	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,550	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,300	3,600	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	5,350	3,050	3,450	2,050	*2,550	1,650	7
ground	kg			*7,200	5,050	5,100	2,850	3,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,000	5,000	2,800	3,300	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,100	*4,900	2,850			*3,750	2,250	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.





- 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.
- 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

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

# LIFTING CAPACITY (METRIC)

# 913FCR with 600 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius B: load point height
C: Lifting capacity rating Cf: Rated loads over front

Cs: Rated loads over side

## Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 600 mm triple grouser shoes Blade: YES



						Blade Dov	vn					
D (A (m)		1.9	5m	3.0m		4.5	5m	6	m	N	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,400	*3,800	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,450	*5,350	3,100	*4,150	2,100	*2,550	1,650	7
ground	kg			*7,200	5,100	*5,850	2,950	*4,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,050	*5,800	2,850	*4,200	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,150	*4,900	2,900			*3,750	2,300	5.4

					Blade Up	)					
	1.5m		3.0m		4.5m		6m		N	Н	
-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
kg					*3,600	*3,600			*2,050	*2,050	5.4
kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
kg			*6,150	*6,150	*4,500	3,400	3,650	2,200	*1,950	1,750	6.9
kg			*8,400	5,450	*5,350	3,100	3,500	2,100	*2,550	1,650	7
kg			*7,200	5,100	5,200	2,950	3,400	2,000	*2,450	1,650	6.9
kg	*5,150	*5,150	*8,600	5,050	5,100	2,850	3,400	1,950	*2,800	1,800	6.4
kg	*9,100	*9,100	*7,150	5,150	*4,900	2,900			*3,750	2,300	5.4
	kg kg kg kg	Cf kg kg kg kg kg kg kg kg kg	Cf         Cs           kg         kg           kg         kg           kg         kg           kg         kg           kg         *5,150	Cf         Cs         Cf           kg         *6,150           kg         *8,400           kg         *7,200           kg         *5,150         *8,600	Cf         Cs         Cf         Cs           kg         *6,150         *6,150           kg         *8,400         5,450           kg         *7,200         5,100           kg         *5,150         *8,600         5,050	1.5m         3.0m         4.8           Cf         Cs         Cf         Cs         Cf           kg         *3,600         *3,800         *3,800         *4,500         *4,500         *4,500         *4,500         *4,500         *5,350         *5,350         *5,350         *6,150         *5,350         *5,200         *5,200         *6,150         *5,150         *8,600         5,050         5,100         *5	1.5m         3.0m         4.5m           Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,600         *3,600         *3,600         *3,600         *3,800         3,600         *3,800         3,600         *4,500         3,400         *4,500         3,400         *4,500         3,400         *4,500         3,400         *4,500         3,400         *5,350         3,100         *5,200         2,950         *4,500         5,100         5,200         2,950         *5,150         *8,600         5,050         5,100         2,850         *5,150         *8,600         5,050         5,100         2,850         *5,150         *6,150         *6,150         *6,150         *5,150         2,850         *5,150         *6,150         *5,150         5,050         5,100         2,850         *6,150	1.5m         3.0m         4.5m         66           kg         Cf         Cs         Cf         Cs         Cf           kg         *3,800         *3,600         *3,350           kg         *6,150         *6,150         *4,500         3,400         3,650           kg         *8,400         5,450         *5,350         3,100         3,500           kg         *7,200         5,100         5,200         2,950         3,400           kg         *5,150         *8,600         5,050         5,100         2,850         3,400	1.5m         3.0m         4.5m         6m           Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,600         *3,600         *3,350         2,250           kg         *6,150         *6,150         *4,500         3,400         3,650         2,200           kg         *8,400         5,450         *5,350         3,100         3,500         2,100           kg         *7,200         5,100         5,200         2,950         3,400         2,000           kg         *5,150         *8,600         5,050         5,100         2,850         3,400         1,950	1.5m         3.0m         4.5m         6m         N           kg         Cf         Cs         Cf         Cs         Cf         Cs         Cf           kg         *3,600         *3,600         *3,350         2,250         *2,350           kg         *6,150         *6,150         *4,500         3,400         3,650         2,200         *1,950           kg         *8,400         5,450         *5,350         3,100         3,500         2,100         *2,550           kg         *7,200         5,100         5,200         2,950         3,400         2,000         *2,450           kg         *5,150         *8,600         5,050         5,100         2,850         3,400         1,950         *2,800	1.5m         3.0m         4.5m         6m         MAX REACT           Cf         Cs         Cs

# LIFTING CAPACITY (METRIC)

# 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

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

#### Conditions

Blade: YES

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 700 mm triple grouser shoes



lada	Down

						Diade Bot	•••					
B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
B/A (m)	,	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3,350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	*3,800	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,550	*5,350	3,150	*4,150	2,150	*2,550	1,700	7
ground	kg			*7,200	5,200	*5,850	3,000	*4,350	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,150	*5,800	2,900	*4,200	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,250	*4,900	2,950			*3,750	2,350	5.4

						Blade Up	)					
D (A ()		1.5	5m	3.0	)m	4.5	5m	6	m	ı	MAX REAC	Н
B/A (m)	-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	3,700	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,550	*5,350	3,150	3,600	2,150	*2,550	1,700	7
ground	kg			*7,200	5,200	5,300	3,000	3,500	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,150	5,200	2,900	3,450	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,250	*4,900	2,950			*3,750	2,350	5.4

5

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.
- 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.
- 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.





Rating over-front (Cf) Rating over-side (Cs)

Lifting capacity at the arm end without bucket.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

deducted from the lifting capacities.

For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be

- 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.
- 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)

# 913FCR with 600 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

- A: load radius
  B: load point height
  C: Lifting capacity rating
- C: Lifting capacity rating Cf: Rated loads over front Cs: Rated loads over side

#### Conditions

Boom length: 4,600 mm Arm length: 2,500 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm rubber track shoes Blade: YES



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

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					Blade Up	)					
	1.5m		3.0m		4.5m		6m		N	Н	
-	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
kg					*3,600	3,600			*2,050	*2,050	5.4
kg					*3,800	3,500	*3,350	2,200	*2,350	2,050	6.3
kg			*6,150	6,100	*4,500	3,300	3,550	2,150	*1,950	1,700	6.9
kg			*8,400	5,350	5,300	3,050	3,450	2,050	*2,550	1,600	7
kg			*7,200	5,000	5,100	2,850	3,350	1,950	*2,450	1,600	6.9
kg	*5,150	*5,150	*8,600	4,950	5,000	2,800	3,300	1,900	*2,800	1,750	6.4
kg	*9,100	*9,100	*7,150	5,050	*4,900	2,800			*3,750	2,250	5.4
	kg kg kg kg	Cf kg kg kg kg kg kg kg kg kg	Cf         Cs           kg         kg           kg         kg           kg         kg           kg         kg           kg         *5,150	Cf         Cs         Cf           kg         *6,150           kg         *8,400           kg         *7,200           kg         *5,150         *8,600	Cf         Cs         Cf         Cs           kg         *6,150         6,100           kg         *8,400         5,350           kg         *7,200         5,000           kg         *5,150         *8,600         4,950	1.5m         3.0m         4.8           Cf         Cs         Cf         Cs         Cf           kg         *3,600         *3,800         *3,800         *4,500         *4,500         *4,500         *4,500         *4,500         *4,500         *6,150         5,350         5,300         *5,300         *6,100         *4,500         *4,500         *5,100         *5,100         *6,100         *4,500         \$5,000         5,100         *5,100         *5,150         *8,600         4,950         5,000         5,000         \$6,000	1.5m         3.0m         4.5m           Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,600         3,600         3,600         3,600         3,500         3,500         3,500         3,500         3,500         3,300         3,300         3,300         3,300         3,300         3,300         3,300         3,050	1.5m         3.0m         4.5m         6           kg         Cf         Cs         Cf         Cs         Cf           kg         *3,800         3,500         *3,350           kg         *6,150         6,100         *4,500         3,300         3,550           kg         *8,400         5,350         5,300         3,050         3,450           kg         *7,200         5,000         5,100         2,850         3,350           kg         *5,150         *8,600         4,950         5,000         2,800         3,300	1.5m         3.0m         4.5m         6m           Cf         Cs         Cf         Cs         Cf         Cs           kg         *3,600         3,600         *3,350         2,200           kg         *6,150         6,100         *4,500         3,300         3,550         2,150           kg         *8,400         5,350         5,300         3,050         3,450         2,050           kg         *7,200         5,000         5,100         2,850         3,350         1,950           kg         *5,150         *8,600         4,950         5,000         2,800         3,300         1,900	1.5m         3.0m         4.5m         6m         I           Cf         Cs         Cf         Cs         Cf         Cs         Cf           kg         *3,600         3,600         *3,350         2,200         *2,350           kg         *6,150         6,100         *4,500         3,300         3,550         2,150         *1,950           kg         *8,400         5,350         5,300         3,050         3,450         2,050         *2,550           kg         *7,200         5,000         5,100         2,850         3,350         1,950         *2,450           kg         *5,150         *8,600         4,950         5,000         2,800         3,300         1,900         *2,800	1.5m         3.0m         4.5m         6m         MAX REACT           Cf         Cs         Cs

# LIFTING CAPACITY (METRIC)

# 913FCR with 500 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

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

#### Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm triple grouser shoes Blade: YES



# Blade Down

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

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





- 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.
- 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





Lifting capacity at the arm end without bucket.

Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

deducted from the lifting capacities.

For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be

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

# LIFTING CAPACITY (METRIC)

# 913FCR with 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

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

#### Conditions

Boom length: 600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 600 mm triple grouser shoes Blade: YES



						Blade Dov	/n					
D(A()		1.	5m	3.0m		4.5m		61	m	N	MAX REAC	Н
B/A (m)		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,450	*3,600	2,200	*1,600	*1,600	7.3
1.5	kg			*7,850	5,600	*5,100	3,150	*4,000	2,100	*2,000	1,550	7.4
ground	kg			*7,800	5,150	*5,750	2,950	*4,300	2,000	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,050	*5,850	2,850	*4,250	1,950	*2,450	1,650	6.8
-3	kg	*7,900	*7,900	*7,650	5,100	*5,250	2,850			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Diada Dania

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

# LIFTING CAPACITY (METRIC)

# 913FCR with 700 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

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

#### Conditions

Boom length: 4,600 mm Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg



Shoes: 700 mm triple grouser shoes Blade: YES

В	la	d	е	D	O	W	n	

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

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

kg

kg

\*7,900

- 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.

5.000

\*5.050

\*5,050

- 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.

\*3,100

3.050

4.4

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

# LIFTING CAPACITY (METRIC)

## 913FCR with 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

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

6

3

4.5

1.5

-1.5

-3

-4.5

# Conditions Boom length: 4,600 mm

Arm length: 2,900 mm Bucket: None counterweight: 3,000 kg Shoes: 500 mm rubber track shoes Blade: YES



#### 3.0m 4.5m **MAX REACH** 1.5m 6m B/A (m) Cf Cf Cs Cf Cf Cf Cs Cs Cs Cs Distance \*1.700 \*1.700 kg \*3,200 \*3.200 5.9 \*3,450 \*3,450 \*3,350 2,250 \*1,650 \*1,650 6.8 kg kg \*5.400 \*5,400 \*4,150 3,350 \*3,600 2,150 \*1,600 1,550 7.3 \*7,850 5,500 \*5,100 \*4,000 2,050 \*2,000 1,500 7.4 kg 3.100 around kg \*7,800 5,050 \*5,750 2,850 \*4,300 1,950 \*1,950 1,500 7.3 \*4.700 \*4.700 \*8,850 4.900 \*5.850 2.750 \*4.250 1.900 \*2.450 1.600 6.8 kg \*7.900 \*7.650 \*5.250 2.750 \*3.300 1.950 5.9

**Blade Down** 

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

# 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

# **HYDRAULIC SYSTEM**

- Full electric control hydraulic system
- Power boost function
- Pilot control shut-off lever
- Pilot accumulator
- Automatic swing parking brake
- Swing with anti-reverse function
- Automatic two-speed travel
- · Automatic travel parking brake

# **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 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 inter mittent feature
- AM/FM radio with auxiliary input
- Blue tooth
- Working lights close time delay by program mable
- 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 adjust ments
- Work tool flow and pressure programmable memories
- Control pattern-change valve

#### **UNDERCARRIAGE**

- Standard track undercover
- 500mm track-shoes with triple grousers
- Rollers, bottom 7 each side
- Rollers, top 1 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
- 600 mm track-shoes with triple grousers

## **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

#### **DIGGING EQUIPMENT**

- 4,600 mm boom
- 2.500 mm arm
- Arm front end with guard bars • Manual centralized lubrication on boom
- 0.5 m³ standard bucket

# **SERVICE & MAINTENANCE**

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

# OPTIONAL EQUIPMENT

• Electric refueling pump with auto shutoff

# HYDRAULIC SYSTEM

- Boom and arm holding valves
- Hand proportional control auxiliary dual way
- Hand proportional control auxiliary swing pipes
- PTO max flow with manual control
- Auxiliary single-double hydraulic lines exchange
- Auxiliary dual pipe flow & pressure adjustableHigh pressure quick-coupler pipes
- Attachment oil drain line
- Bucket cylinder rod protect

# **OPERATOR STATION**

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

# **ELECTRICAL SYSTEM**

- Overload warning device
- Travel alarm
- Rotating beacon
- Rotating warning light • Reserved installation seat and wiring harness for double warning lights in the cab
- Quicker-coupler opening warning
- Starting code
- Right boom working light
- Cab LED ceiling lights (2 in front) • 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

- Reinforced track undercover
- 700 mm track-shoes with triple grousers and auxiliary track footrest
- Dozer with locking function

# **UPPER STRUCTURE**

- Guard fence of upper frame around
- Reinforced frame undercover • 500 kg extra counterweight

# **DIGGING EQUIPMENT** • Bucket linkage with lifting eye

- Bucket lifting hole
- 2,100 mm short reach arm
- Bucket thumbs





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