

E195W ***EVOLUTION***



Net flywheel power **118 kW - 160 hp**

Operating weight (max) **20 430 kg**

Bucket capacity **from 0.52 to 1.10 m³**



EVOLVING TECHNOLOGY

Specifications



Tier 2 emissioned engine

Net flywheel power (ISO 14396)118 kW/160 hp
 Rated rpm2000
 Make and modelCNH F4BE0684A
 Typediesel, 4 stroke,direct injection, turbocharged with aftercooler
 Total displacement5.9 l
 Number of cylinders6
 Bore x stroke102 x 120 mm

Fuel and engine oil filters located remote for easy replacement

Engine rpm electronic control

Automatic idling return switch with controls in neutral - auto idling

Start at -15 ° external temperature supplied as standard equipment

(optional start at -25 °)

The engine conforms to 97/98/CE STAGE 2



Electrical system

Operating voltage24 V
 Maintenance-free batteries supplied standard.....2
 Capacity100 Ah
 Alternator70 A
 Starter motor4 kW



Hydraulic system

New Smart Hydraulic System for improved controllability and all simultaneous movements. Closed circuit Load Sensing.

Automatic Priority System device.

Engine Speed Sensing Control device and hydraulic pump electronic control for total installed power use.

Swing Pressure Control device for outstanding controllability and high operating comfort during superstructure acceleration/stop.

Flow Pump Saving and Shock Less System circuits to minimise oil at discharge and ensure perfectly homogeneous movements.

Easy To Use multi-function monitor:

Three variable displacement, axial piston pumps

Implement/Travel - maximum delivery2 x 175 l/min

Swing - maximum delivery100 l/min

Max pressure without power boost.....340 bar

Max pressure with power boost.....370 bar

Max swing pressure.....390 bar

Hydraulic cylinder:

- Lift cylinder2

Bore x stroke (mono).....125 x 1019

Bore x stroke (triple articulation)125 x 981

- Dipper cylinder1

Bore x stroke130 x 1290

- Bucket cylinder1

Bore x stroke110 x 1066

- Positioning cylinder (only triple articulation)1

Bore x stroke170 x 734



Transmission

“Full PowerShift transmission” with variable displacement hydraulic motor.

Max. speeds	1st travel range	2nd travel range
Slow	5.34	20 km/h
Medium	6.67	25 km/h
Fast	8.00	30 km/h
Max. traction force.....	11500 daN	



Swing

Slewing motoraxial piston type

Slewing brake.....oil bath disc type with automatic insertion and hydraulic release or free action

Final driveoil bath, planetary reduction

Circlegrease bath type

Slewing speed.....9.5 rpm



Axles

New axles complete with oil bath disc brakes mounted directly on wheel hubs. Rigid rear axle.

Oscillating front axles: oscillation±7°

The front axle can be locked hydraulically in any position:

safety valves lock the axle in case of a breakdown.



Braking system

Service brakes: oil bath disc type acting on all four wheels.

Operating brake: acting on service brakes plus front axle oscillation lock.

Parking brake: oil bath type.

Emergency brake: double braking circuit and automatic parking brake insertion with engine cut out.



Steering system

Type.....ORBITROL with safety valve

Pump.....gear type

Steering cylinderone, double effect

Steering with engine cut out and excavator on the move.



Tyres

8 x 10.00 - 20 M.ZR. F7.5, MITAS, twin type

8 x 10.00 - 20 with baffle rings, Bridgestone, twin type

4 x 18.00 - 19.5 XF

Elastic solid rubber tyres 10 - 20 with baffle rings



Capacities

Fuel360 l

Cooling system.....30 l

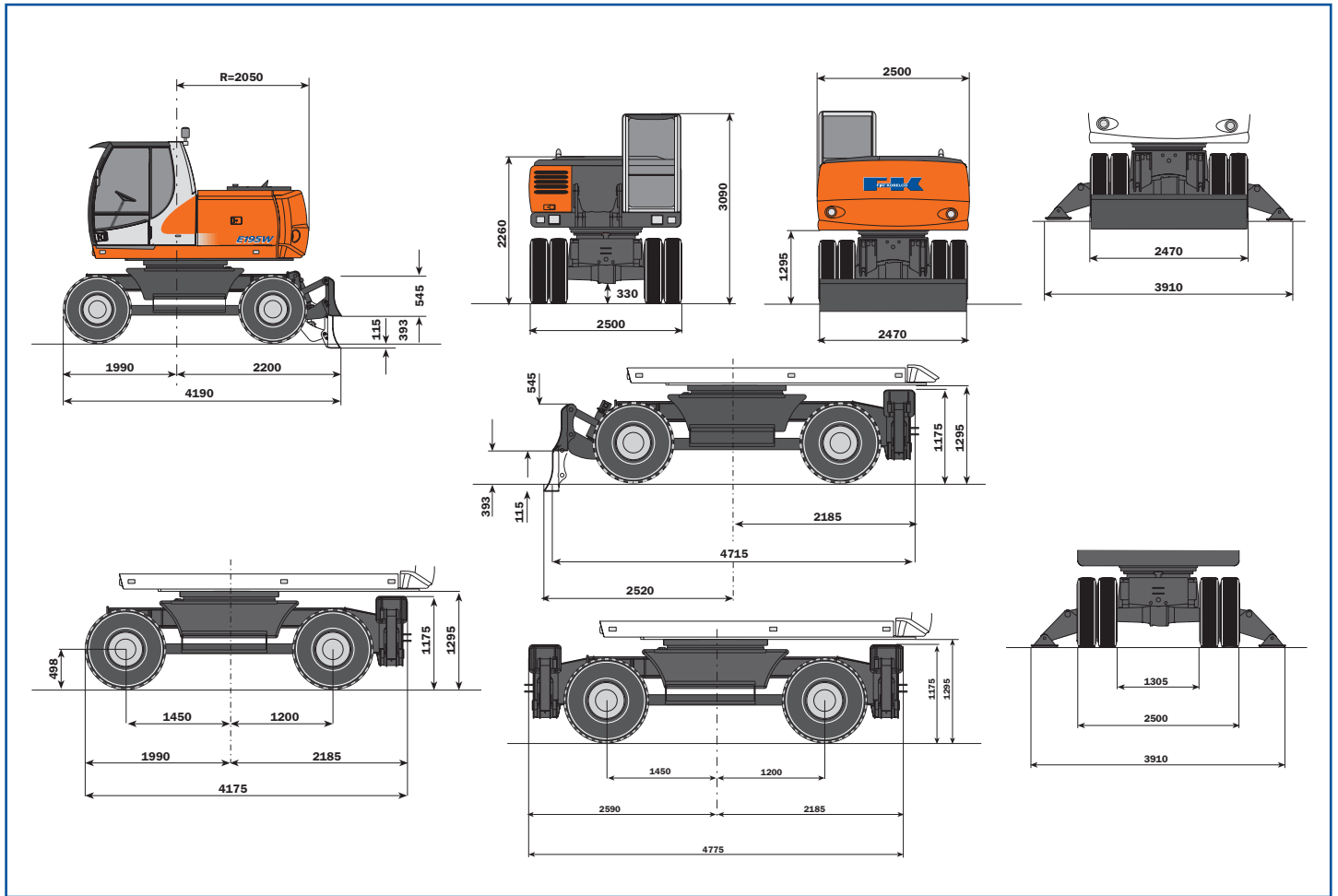
Engine oil.....16 l

Swing drive3.5 l

Hydraulic tank140 l

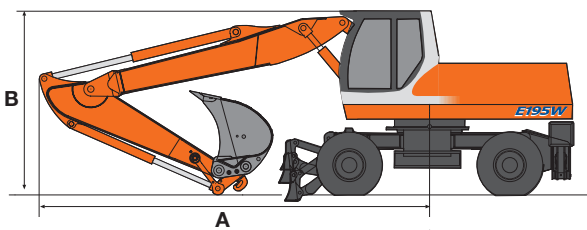
Hydraulic system220 l

Dimensions (mm) - Equipped with twin 10.00-20 tyres



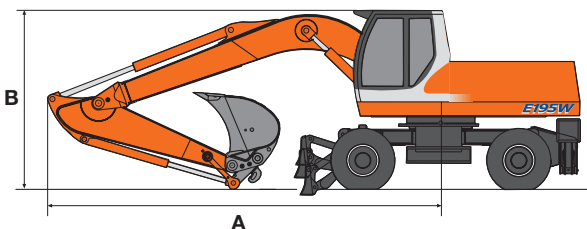
Transport dimensions

Triple articulation



Dipperstick	mm	2000	2400	2800
A Length to centre	mm	6574	6537	6526
B Height to top of booms	mm	3020	3000	3080

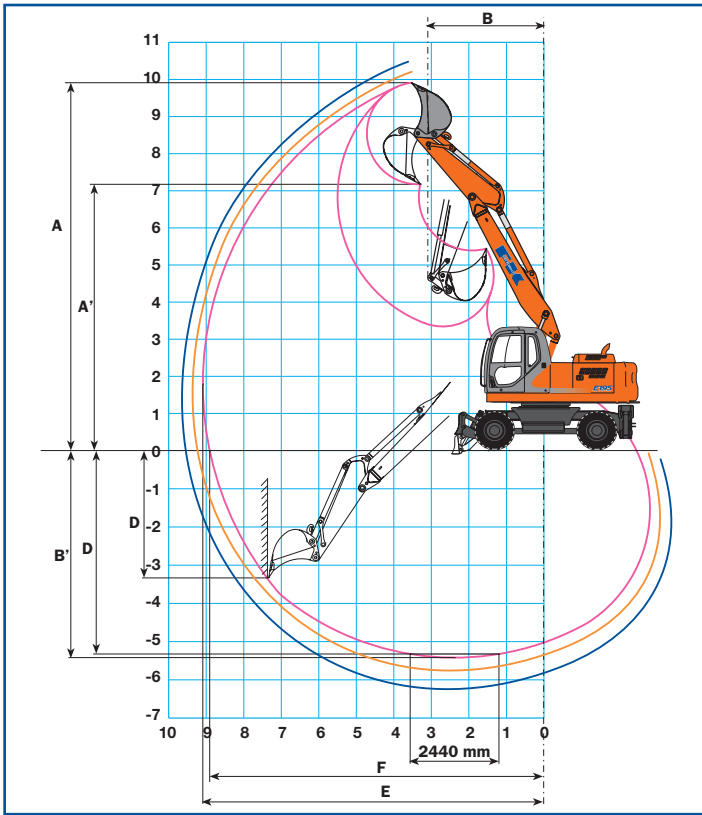
One piece boom



Dipperstick	mm	2000	2400	2800
A Length to centre	mm	6450	6450	6500
B Height to top of booms	mm	2910	3000	3050

Triple articulation

Digging performance



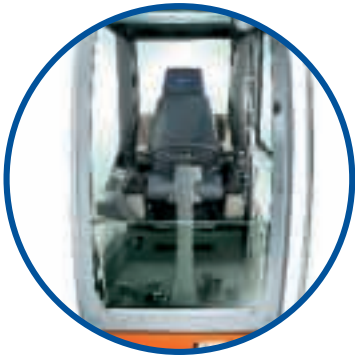
Dipperstick	mm	2000	2400	2800
A	mm	9900	10200	10500
A'	mm	7200	7500	7800
B	mm	2800	2900	3000
B'	mm	5200	5600	6000
D	mm	5100	5500	5900
E	mm	9000	9400	9700
F	mm	8800	9200	9600

Max breakout force				
Bucket	daN	12500	12500	12500
Dipperstick	daN	10800	9700	8700

Operating weight

Equipped with twin 10.00 - 20 tyres

Dipperstick (mm)	2 stabilisers front or rear (kg)	4 stabilisers (kg)	Blade rear (kg)	Blade rear 2 stabilisers (Kg)
2000	19230	20270	18680	19810
2400	19290	20340	18740	19880
2800	19390	20430	18830	19970



A spacious, noise-insulated, comfortable cab is a setting for healthy, fatigue-free work.



C A B F E A T U R E S

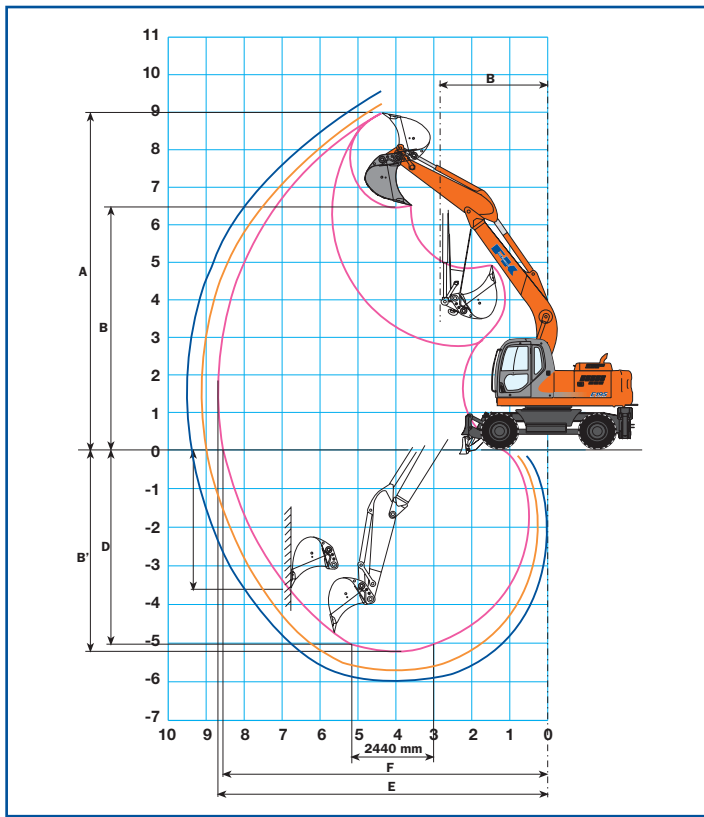
The "all position" tiltable steering wheel's column assures to the operator the best suitable ergonomic position.



The ergonomic seat can be adjusted in all direction and the consoles can be also moved along with the seat. A new air conditioner assures optimal climate in every weather condition.

One piece boom

Digging performance



Dipperstick	mm	2000	2400	2800
A	mm	9000	9230	9460
A'	mm	6360	6590	6830
B	mm	3240	3270	3270
B'	mm	5190	5590	5990
D	mm	4950	5380	5810
E	mm	8820	9200	9570
F	mm	8630	9010	9390

Max breakout force				
Bucket	daN	12500	12500	12500
Dipperstick	daN	10800	9700	8700

Operating weight

Equipped with twin 10.00 - 20 tyres

Dipperstick (mm)	2 stabilisers front or rear (kg)	4 stabilisers (kg)	Blade rear (kg)	Blade rear 2 stabilisers (Kg)
2000	18415	19455	17870	18995
2400	18475	19525	17930	19065
2800	18575	19615	18020	19155



Monitor

The multi-function display controls and monitors all works: 12 individually pre-set tools and output levels can be precisely defined and selected. Work area and work sensitivity can be set, while the display diagnoses and display any error. Easy to reach, easy to use.



Undercarriage

Its modular design allows to satisfy all customer's needs. In addition it features a Full PowerShift transmission for soft travel and an excellent ground clearance to easily move on uneven terrains.



Front attachment

The machine is available in monobloc or Triple Articulation version. In both version, the machine shows outstanding performances in reach, digging depth and breakout force.

Triple articulation - Lifting capacity

Value are expressed in tonnes

Blade

Dipperstick: 2 000 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	4.5					3.1*	3.1*	5.1
6.0 m			5.5*	4.5	4.5*	2.7			2.7*	2.2	6.5
4.5 m	8.7*	8.2	6.3*	4.4	4.5	2.7			2.7*	1.6	7.3
3.0 m	11.9*	7.7	6.9	4.2	4.5	2.7	2.9	1.5	2.7	1.4	7.7
1.5 m	12.5*	7.4	6.8	4.1	4.5	2.6	2.8	1.5	2.6	1.3	7.8
0.0 m	13.4	7.2	6.9	3.9	4.2	2.3	2.7	1.4	2.6	1.3	7.6
-1.5 m	13.7	6.8	6.7	3.6	3.9	2.1			2.9	1.5	7.1
-3.0 m	13.3	6.5	6.2	3.2	3.8	1.9			3.8	1.9	6.1
-4.5 m											

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	4.9					3.1*	3.1*	5.1
6.0 m			5.5*	4.9	4.5*	3.0			2.7*	2.4	6.5
4.5 m	8.7*	8.7*	6.3*	4.8	5.1*	3.1			2.7*	1.9	7.3
3.0 m	11.9*	8.6	7.5*	4.7	5.6*	3.0	3.9*	1.8	2.8*	1.6	7.7
1.5 m	12.5*	8.4	9.1*	4.6	6.3*	2.9	4.3*	1.7	3.1*	1.5	7.8
0.0 m	15.0*	8.2	9.6*	4.4	6.7	2.6	4.0*	1.6	3.6*	1.5	7.6
-1.5 m	16.2*	7.7	9.8*	4.1	6.8	2.4			4.7*	1.7	7.1
-3.0 m	16.7*	7.4	9.6*	3.7	4.8*	2.3			4.7*	2.2	6.1
-4.5 m											

Dipperstick: 2 400 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.5					2.5*	2.5*	5.7
6.0 m			5.2*	4.4	4.5*	2.8			2.2*	1.9	7.0
4.5 m			5.7*	4.4	4.5	2.8	2.9	1.6	2.2*	1.5	7.8
3.0 m	12.4*	7.6	6.9	4.1	4.4	2.7	2.9	1.6	2.2*	1.2	8.1
1.5 m	12.2*	7.5	6.7	4.0	4.4	2.7	2.8	1.5	2.3	1.1	8.2
0.0 m	13.2	7.3	6.8	4.0	4.3	2.4	2.7	1.4	2.4	1.1	8.0
-1.5 m	13.7	6.8	6.7	3.7	4.0	2.1			2.6	1.3	7.5
-3.0 m	13.5	6.6	6.3	3.3	3.8	1.9			3.3	1.6	6.6
-4.5 m	12.5*	6.2							9.1	4.6	3.6

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.8*					2.5*	2.5*	5.7
6.0 m			5.2*	4.9	4.5*	3.1			2.2*	2.1	7.0
4.5 m			5.7*	4.9	4.7*	3.1	3.3*	1.8	2.2*	1.7	7.8
3.0 m	12.4*	8.6	7.0*	4.6	5.3*	3.0	4.2*	1.8	2.2*	1.4	8.1
1.5 m	12.2*	8.4	8.6*	4.5	6.0*	3.0	4.7	1.7	2.4*	1.3	8.2
0.0 m	14.2*	8.3	9.5*	4.4	6.6*	2.7	4.6	1.6	2.8*	1.3	8.0
-1.5 m	16.0*	7.8	9.6*	4.1	6.8	2.4			3.5*	1.5	7.5
-3.0 m	16.6*	7.6	10.0*	3.8	6.1*	2.2			4.5*	1.9	6.6
-4.5 m	12.5*	7.2							9.4*	5.3	3.6

Dipperstick: 2 800 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0m									2.7*	2.7*	4.3
7.5 m					2.9*	2.7			2.0*	2.0*	6.3
6.0 m					4.1*	2.8			1.8*	1.6	7.5
4.5 m			5.3*	4.3	4.4*	2.7	3.0	1.7	1.7*	1.3	8.2
3.0 m	10.8*	7.7	6.6*	4.1	4.4	2.7	3.0	1.6	1.8*	1.1	8.5
1.5 m	12.0*	7.3	6.7	4.0	4.3	2.6	2.9	1.5	1.9*	1.0	8.6
0.0 m	13.1	7.3	6.6	4.0	4.3	2.5	2.8	1.4	2.1	1.0	8.4
-1.5 m	13.5	6.8	6.7	3.7	4.0	2.1	2.6	1.3	2.3	1.1	7.9
-3.0 m	13.4	6.5	6.4	3.3	3.8	1.9			2.8	1.4	7.1
-4.5 m	13.0	6.1	6.1	3.1					5.2	2.6	5.0

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0m									2.7*	2.7*	4.3
7.5 m					2.9*	2.9*			2.0*	2.0*	6.3
6.0 m					4.1*	3.1			1.8*	1.8*	7.5
4.5 m			5.3*	4.8	4.4*	3.1	3.5*	1.9	1.7*	1.5	8.2
3.0 m	10.8*	8.6	6.6*	4.6	5.0*	3.0	4.3*	1.9	1.8*	1.3	8.5
1.5 m	12.0*	8.3	8.1*	4.5	5.7*	2.9	4.6*	1.8	1.9*	1.2	8.6
0.0 m	13.5*	8.3	9.3*	4.5	6.4*	2.8	4.6	1.6	2.2*	1.2	8.4
-1.5 m	15.5*	7.8	9.5*	4.1	6.6	2.5	4.5	1.5	2.7*	1.3	7.9
-3.0 m	16.2*	7.5	9.8*	3.8	6.6	2.2			3.7*	1.6	7.1
-4.5 m	14.6*	7.1	7.7*	3.6					6.2*	3.0	5.0

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

Triple articulation - Lifting capacity

Value are expressed in tonnes

Two stabilisers

Dipperstick: 2 000 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0 *	4.6					3.1 *	3.1 *	5.1
6.0 m			5.5 *	4.6	4.5 *	2.7			2.7 *	2.2	6.5
4.5 m	8.7 *	8.4	6.3 *	4.5	4.7	2.8			2.7 *	1.7	7.3
3.0 m	11.9 *	7.9	7.1	4.3	4.6	2.8	3.0	1.6	2.8	1.5	7.7
1.5 m	12.5 *	7.6	7.0	4.2	4.6	2.6	2.9	1.5	2.7	1.3	7.8
0.0 m	13.8	7.4	7.0	4.0	4.4	2.4	2.8	1.4	2.7	1.4	7.6
-1.5 m	14.2	7.0	6.9	3.7	4.1	2.2			3.1	1.5	7.1
-3.0 m	13.8	6.7	6.5	3.4	4.0	2.0			3.9	2.0	6.1

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0 *	5.0 *					3.1 *	3.1 *	5.1
6.0 m			5.5 *	5.5 *	4.5 *	3.7			2.7 *	2.7 *	6.5
4.5 m	8.7 *	8.7 *	6.3 *	5.9	5.1 *	3.8			2.7 *	2.4	7.3
3.0 m	11.9 *	10.7	7.5 *	5.7	5.6 *	3.7	3.9 *	2.3	2.8 *	2.1	7.7
1.5 m	12.5 *	10.5	9.1 *	5.6	6.3	3.6	4.3	2.2	3.1 *	2.0	7.8
0.0 m	15.0 *	10.7	9.6 *	5.6	6.3	3.4	4.0 *	2.1	3.6 *	2.0	7.6
-1.5 m	16.2 *	10.3	9.8 *	5.3	6.2	3.1			4.6	2.3	7.1
-3.0 m	16.7 *	10.0	9.6 *	4.9	4.8 *	3.0			4.7 *	3.0	6.1

Dipperstick: 2 400 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8 *	4.6					2.5 *	2.5 *	5.7
6.0 m			5.2 *	4.5	4.5 *	2.8			2.2 *	2.0	7.0
4.5 m			5.7 *	4.5	4.7	2.8	3.1	1.7	2.2 *	1.5	7.8
3.0 m	12.4 *	7.8	7.0 *	4.3	4.6	2.8	3.1	1.7	2.2 *	1.3	8.1
1.5 m	12.2 *	7.6 *	6.9	4.2	4.5	2.7	3.0	1.6	2.4	1.2	8.2
0.0 m	13.7	7.5	6.9	4.1	4.5	2.5	2.8	1.4	2.5	1.2	8.0
-1.5 m	14.1	7.0	7.0	3.8	4.1	2.2			2.7	1.3	7.5
-3.0 m	14.0	6.8	6.5	3.4	3.9	2.0			3.4	1.7	6.6
-4.5 m	12.5 *	6.4							9.4	4.7	3.6

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8 *	4.8 *					2.5 *	2.5 *	5.7
6.0 m			5.2 *	5.2 *	4.5 *	3.8			2.2 *	2.2 *	7.0
4.5 m			5.7 *	5.7 *	4.7 *	3.8	3.3 *	2.4	2.2 *	2.2 *	7.8
3.0 m	12.4 *	10.8	7.0 *	5.7	5.3 *	3.7	4.2 *	2.4	2.2 *	1.9	8.1
1.5 m	12.2 *	10.5	8.6 *	5.6	6.0 *	3.7	4.3	2.3	2.4 *	1.8	8.2
0.0 m	14.2 *	10.6	9.5 *	5.6	6.2	3.5	4.2	2.1	2.8 *	1.8	8.0
-1.5 m	16.0 *	10.3	9.6 *	5.3	6.2	3.2			3.5 *	2.0	7.5
-3.0 m	16.6 *	10.2	10.0 *	4.9	6.0	3.0			4.5 *	2.5	6.6
-4.5 m	12.5 *	9.7							9.4 *	7.0	3.6

Dipperstick: 2 800 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7 *	2.7 *	4.3
7.5 m					2.9 *	2.8			2.0 *	2.0 *	6.3
6.0 m					4.1 *	2.9			1.8 *	1.7	7.5
4.5 m			5.3 *	4.5	4.4 *	2.8	3.1	1.7	1.7 *	1.3	8.2
3.0 m	10.8 *	7.9	6.6 *	4.2	4.5	2.7	3.1	1.7	1.8 *	1.1	8.5
1.5 m	12.0 *	7.5	6.9	4.1	4.5	2.7	3.0	1.6	1.9 *	1.0	8.6
0.0 m	13.5	7.5	6.8	4.1	4.5	2.6	2.9	1.5	2.2 *	1.0	8.4
-1.5 m	13.8	7.0	7.0	3.8	4.2	2.2	2.7	1.3	2.5	1.2	7.9
-3.0 m	13.9	6.7	6.6	3.5	3.9	2.0			3.0	1.4	7.1
-4.5 m	13.4	6.3	6.3	3.2					5.4	2.7	5.0

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7 *	2.7 *	4.3
7.5 m					2.9 *	2.9 *			2.0 *	2.0 *	6.3
6.0 m					4.1 *	3.8			1.8 *	1.8 *	7.5
4.5 m			5.3 *	5.3 *	4.4 *	3.8	3.5 *	2.4	1.7 *	1.7 *	8.2
3.0 m	10.8 *	10.8 *	6.6 *	5.6 *	5.0 *	3.6	4.3 *	2.4	1.8 *	1.7	8.5
1.5 m	12.0 *	10.4	8.1 *	5.5	5.7 *	3.6	4.4	2.3	1.9 *	1.6	8.6
0.0 m	13.5 *	10.4	9.3 *	5.5	6.1	3.5	4.2	2.2	2.2 *	1.7	8.4
-1.5 m	15.5 *	10.4	9.5 *	5.3	6.2	3.2	4.1	2.0	2.7 *	1.8	7.9
-3.0 m	16.2 *	10.1	9.8 *	5.0	6.0	2.9			3.7 *	2.2	7.1
-4.5 m	14.6 *	9.6	7.7 *	4.7					6.2 *	4.0	5.0

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

Triple articulation - Lifting capacity

Value are expressed in tonnes

Blade - Two stabilisers

Dipperstick: 2 000 mm

Blade front / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	4.7					3.1*	3.1*	5.1
6.0 m			5.5*	4.7	4.5*	2.8			2.7*	2.3	6.5
4.5 m	8.7*	8.6	6.3*	4.6	4.6	2.9			2.7*	1.8	7.3
3.0 m	11.9*	8.0*	7.0	4.4	4.6	2.9	3.0	1.7	2.8	1.5	7.7
1.5 m	12.5*	7.8	6.9	4.3	4.5	2.7	2.9	1.6	2.6	1.4	7.8
0.0 m	13.7	7.6	7.0	4.2	4.3	2.5	2.8	1.5	2.7	1.4	7.6
-1.5 m	14.0	7.2	6.8	3.9	4.0	2.2			3.0	1.6	7.1
-3.0 m	13.6	6.9	6.3	3.5	3.9	2.1			3.8	2.1	6.1
-4.5 m											

Blade front / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	5.0*					3.1*	3.1*	5.1
6.0 m			5.5*	5.5*	4.5*	4.5*			2.7*	2.7*	6.5
4.5 m	8.7*	8.7*	6.3*	6.3*	5.1*	4.9			2.7*	2.7*	7.3
3.0 m	11.9*	11.9*	7.5*	7.5	5.6*	4.8	3.9*	3.2	2.8*	2.8*	7.7
1.5 m	12.5*	12.5*	9.1*	7.4	6.3*	4.8	4.3*	3.1	3.1*	2.8	7.8
0.0 m	15.0*	14.7	9.6*	7.4	6.8*	4.6	4.0*	3.0	3.6*	2.9	7.6
-1.5 m	16.2*	15.2	9.8*	7.4	6.9*	4.4			4.7*	3.3	7.1
-3.0 m	16.7*	15.1	9.6*	6.9	4.8*	4.2			4.7*	4.2	
-4.5 m											

Dipperstick: 2 400 mm

Blade front / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.7					2.5*	2.5*	5.7
6.0 m			5.2*	4.7	4.5*	2.9			2.2*	2.0	7.0
4.5 m			5.7*	4.6	4.6	2.9	3.0	1.7	2.2*	1.6	7.8
3.0 m	12.4*	8.0	7.0	4.4	4.5	2.9	3.0	1.7	2.2*	1.3	8.1
1.5 m	12.2*	7.7	6.8	4.3	4.5	2.8	2.9	1.6	2.4	1.3	8.2
0.0 m	13.5	7.7	6.9	4.2	4.4	2.5	2.8	1.5	2.4	1.3	8.0
-1.5 m	13.9	7.2	6.8	3.9	4.1	2.3			2.7	1.4	7.5
-3.0 m	13.8	7.0	6.4	3.5	3.9	2.1			3.3	1.8	6.6
-4.5 m	12.5*	6.6							9.3	4.9	3.6

Blade front / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.8*					2.5*	2.5*	5.7
6.0 m			5.2*	5.2*	4.5*	4.5*			2.2*	2.2*	7.0
4.5 m			5.7*	5.7*	4.7*	4.7*	3.3*	3.3	2.2*	2.2*	7.8
3.0 m	12.4*	12.4*	7.0*	7.0*	5.3*	4.8	4.2*	3.2	2.2*	2.2*	8.1
1.5 m	12.2*	12.2*	8.6*	7.3	6.0*	4.7	4.8*	3.2	2.4*	2.4*	8.2
0.0 m	14.2*	14.2*	9.5*	7.3	6.6*	4.7	4.8*	3.0	2.8*	2.7	8.0
-1.5 m	16.0*	14.9	9.6*	7.4	6.8*	4.4			3.5*	2.9	7.5
-3.0 m	16.6*	15.3	10.0*	7.0	6.1*	4.2			4.5*	3.6	6.6
-4.5 m	12.5*	12.5*							9.4*	9.4*	3.6

Dipperstick: 2 800 mm

Blade front / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7*	2.7*	4.3
7.5 m					2.9*	2.8			2.0*	2.0*	6.3
6.0 m					4.1*	3.0			1.8*	1.8	7.5
4.5 m			5.3*	4.6	4.4*	2.9	3.1	1.8	1.7*	1.4	8.2
3.0 m	10.8*	8.1	6.6*	4.3	4.5	2.8	3.0	1.8	1.8*	1.2	8.5
1.5 m	12.0*	7.7	6.8	4.2	4.4	2.8	3.0	1.7	1.9*	1.1	8.6
0.0 m	13.3	7.7	6.8	4.2	4.4	2.7	2.8	1.5	2.2	1.1	8.4
-1.5 m	13.6	7.2	6.8	3.9	4.1	2.3	2.7	1.4	2.4	1.2	7.9
-3.0 m	13.7	6.9	6.5	3.6	3.9	2.1			2.9	1.5	7.1
-4.5 m	13.2	6.5	6.2	3.3					5.3	2.8	5.0

Blade front / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7*	2.7*	4.3
7.5 m					2.9*	2.9*			2.0*	2.0*	6.3
6.0 m					4.1*	4.1*			1.8*	1.8*	7.5
4.5 m			5.3*	5.3*	4.4*	4.4*	3.5*	3.3	1.7*	1.7*	8.2
3.0 m	10.8*	10.8*	6.6*	6.6*	5.0*	4.8	4.3*	3.3	1.8*	1.8*	8.5
1.5 m	12.0*	12.0*	8.1*	7.3	5.7*	4.7	4.6*	3.2	1.9*	1.9*	8.6
0.0 m	13.5*	13.5*	9.3*	7.2	6.4*	4.7	5.0*	3.0	2.2*	2.2*	8.4
-1.5 m	15.5*	14.7	9.5*	7.4	6.7*	4.5	4.6*	2.9	2.7*	2.6	7.9
-3.0 m	16.2*	15.2	9.8*	7.1	6.6*	4.2			3.7*	3.2	7.1
-4.5 m	14.6*	14.6	7.7*	6.8					6.2*	5.7	5.0

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

Triple articulation - Lifting capacity

Value are expressed in tonnes

Four stabilisers

Dipperstick: 2 000 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	4.8					3.1*	3.1*	5.1
6.0 m			5.5*	4.8	4.5*	2.9			2.7*	2.4	6.5
4.5 m	8.7*	8.6*	6.3*	4.7	4.5	3.0			2.7*	1.8	7.3
3.0 m	11.9*	8.1	6.9	4.5	4.5	2.9	2.9	1.7	2.7	1.6	7.7
1.5 m	12.5*	8.0	6.8	4.4	4.5	2.8	2.8	1.6	2.6	1.5	7.8
0.0 m	13.5	7.7	6.9	4.3	4.2	2.5	2.7	1.5	2.6	1.5	7.6
-1.5 m	13.8	7.3	6.7	3.9	3.9	2.3			2.9	1.7	7.1
-3.0 m	13.4	7.0	6.2	3.6	3.8	2.2			3.8	2.2	6.1
-4.5 m											

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			5.0*	5.0*					3.1*	3.1*	5.1
6.0 m			5.5*	5.5*	4.5*	4.5*			2.7*	2.7*	6.5
4.5 m	8.7*	8.7*	6.3*	6.3*	5.1*	5.1*			2.7*	2.7*	7.3
3.0 m	11.9*	11.9*	7.5*	7.5*	5.6*	5.6*	3.9*	3.9*	2.8*	2.8*	7.7
1.5 m	12.5*	12.5*	9.1*	8.9	6.3*	5.7	4.3*	3.9	3.1*	3.1*	7.8
0.0 m	15.0*	15.0*	9.6*	8.9	6.8*	5.7	4.0*	3.8	3.6*	3.6*	7.6
-1.5 m	16.2*	16.2*	9.8*	9.2	6.9*	5.5			4.7*	4.1	7.1
-3.0 m	16.7*	16.7*	9.6*	8.9	4.8*	4.8*			4.7*	4.7*	6.1
-4.5 m											

Dipperstick: 2 400 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.8*					2.5*	2.5*	5.7
6.0 m			5.2*	4.8	4.5*	3.0			2.2*	2.1	7.0
4.5 m			5.7*	4.7	4.5	3.0	3.0	1.8	2.2*	1.6	7.8
3.0 m	12.4*	8.2	6.9	4.5	4.4	2.9	2.9	1.8	2.2*	1.4	8.1
1.5 m	12.2*	7.9	6.8	4.4	4.4	2.9	2.9	1.7	2.3	1.3	8.2
0.0 m	13.3	7.9	6.8	4.3	4.3	2.6	2.7	1.5	2.4	1.3	8.0
-1.5 m	13.7	7.3	6.7	4.0	4.0	2.3			2.6	1.5	7.5
-3.0 m	13.6	7.2	6.3	3.6	3.8	2.2			3.3	1.8	6.6
-4.5 m	12.5*	6.8							9.2	5.0	3.6

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m			4.8*	4.8*					2.5*	2.5*	5.7
6.0 m			5.2*	5.2*	4.5*	4.5*			2.2*	2.2*	7.0
4.5 m			5.7*	5.7*	4.7*	4.7*	3.3*	3.3*	2.2*	2.2*	7.8
3.0 m	12.4*	12.4*	7.0*	7.0*	5.3*	5.3*	4.2*	4.0	2.2*	2.2*	8.1
1.5 m	12.2*	12.2*	8.6*	8.6*	6.0*	5.7	4.8*	3.9	2.4*	2.4*	8.2
0.0 m	14.2*	14.2*	9.5*	8.8	6.6*	5.7	4.8*	3.8	2.8*	2.8*	8.0
-1.5 m	16.0*	16.0*	9.6*	9.1	6.8*	5.5			3.5*	3.5*	7.5
-3.0 m	16.6*	16.6*	10.0*	8.9	6.1*	5.3			4.5*	4.5*	6.6
-4.5 m	12.5*	12.5*							9.4*	9.4*	3.6

Dipperstick: 2 800 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7*	2.7*	4.3
7.5 m					2.9*	2.9*			2.0*	2.0*	6.3
6.0 m					4.1*	3.0			1.8*	1.8*	7.5
4.5 m			5.3*	4.7	4.4*	3.0	3.0	1.8	1.7*	1.4	8.2
3.0 m	10.8*	8.3	6.6*	4.4	4.4	2.9	3.0	1.8	1.8*	1.2	8.5
1.5 m	12.0*	7.9	6.7	4.3	4.3	2.8	2.9	1.7	1.9*	1.1	8.6
0.0 m	13.1	7.8	6.7	4.3	4.3	2.7	2.8	1.6	2.2	1.1	8.4
-1.5 m	13.5	7.3	6.7	4.0	4.1	2.4	2.6	1.4	2.4	1.3	7.9
-3.0 m	13.5	7.1	6.4	3.7	3.8	2.1			2.8	1.6	7.1
-4.5 m	13.0	6.7	6.1	3.4					5.2	2.9	5.0

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
9.0 m									2.7*	2.7*	4.3
7.5 m					2.9*	2.9*			2.0*	2.0*	6.3
6.0 m					4.1*	4.1*			1.8*	1.8*	7.5
4.5 m			5.3*	5.3*	4.4*	4.4*	3.5*	3.5*	1.7*	1.7*	8.2
3.0 m	10.8*	10.8*	6.6*	6.6*	5.0*	5.0*	4.3*	4.0	1.8*	1.8*	8.5
1.5 m	12.0*	12.0*	8.1*	8.1*	5.7*	5.6	4.6*	3.9	1.9*	1.9*	8.6
0.0 m	13.5*	13.5*	9.3*	8.7	6.4*	5.6	5.0*	3.8	2.2*	2.2*	8.4
-1.5 m	15.5*	15.5*	9.5*	8.9	6.7*	5.6	4.6*	3.7	2.7*	2.7*	7.9
-3.0 m	16.2*	16.2*	9.8*	9.0	6.6*	5.3			3.7*	3.7*	7.1
-4.5 m	14.6*	14.6*	7.7*	7.7*					6.2*	6.2*	5.0

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

One piece boom - Lifting capacity

Value are expressed in tonnes

Blade

Dipperstick: 2 000 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m				3.9*	2.6				2.7*	2.3	6.3
4.5 m			6.5*	4.1	4.3	2.5			2.7*	1.8	7.1
3.0 m			6.6	3.6	4.1	2.3	2.8	1.5	2.8	1.5	7.6
1.5 m			6.1	3.2	3.9	2.1	2.7	1.4	2.7	1.4	7.6
0.0 m	6.8*	5.6	5.9	3.0	3.8	2.0			2.7	1.4	7.4
-1.5 m	11.9*	5.7	5.8	3.0	3.7	1.9			3.1	1.6	6.8
-3.0 m	10.1*	5.9	5.9	3.1					4.0	2.1	5.8
-4.5 m											

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	2.9			2.7*	2.6	6.3
4.5 m			6.5*	4.6	5.5*	2.8			2.7*	2.0	7.1
3.0 m			8.1*	4.1	6.1*	2.6	3.2*	1.7	2.8*	1.7	7.6
1.5 m			9.4*	3.7	6.7	2.4	4.5*	1.6	3.2*	1.6	7.6
0.0 m	6.8*	6.5	9.7*	3.4	6.6	2.3			3.9*	1.6	7.4
-1.5 m	11.9*	6.6	9.0*	3.4	6.5	2.2			5.3	1.8	6.8
-3.0 m	10.1*	6.8	7.4*	3.5					5.3*	2.4	5.8
-4.5 m											

Dipperstick: 2 400 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	2.6			2.1*	2.0	6.8
4.5 m					4.4	2.5	2.3*	1.6	2.1*	1.6	7.5
3.0 m	12.8*	6.8	6.7	3.7	4.2	2.3	2.8	1.5	2.2*	1.3	7.9
1.5 m			6.1	3.2	3.9	2.1	2.7	1.4	2.4	1.2	8.0
0.0 m	7.0*	5.5	5.8	3.0	3.7	1.9	2.6	1.3	2.5	1.2	7.8
-1.5 m	10.7*	5.5	5.7	2.9	3.7	1.9			2.7	1.4	7.3
-3.0 m	11.2*	5.7	5.8	3.0	3.7	1.9			3.5	1.8	6.3
-4.5 m			4.7*	3.2					4.5*	3.0	4.6

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	2.9			2.1*	2.1*	6.8
4.5 m					5.1*	2.8	2.3*	1.8	2.1*	1.8	7.5
3.0 m	12.8*	7.7	7.6*	4.2	5.8*	2.6	4.4*	1.7	2.2*	1.5	7.9
1.5 m			9.1*	3.7	6.5*	2.4	4.6	1.6	2.5*	1.4	8.0
0.0 m	7.0*	6.4	9.7*	3.4	6.5	2.2	4.5	1.5	3.0*	1.4	7.8
-1.5 m	10.7*	6.4	9.2*	3.3	6.4	2.2			3.9*	1.6	7.3
-3.0 m	11.2*	6.6	7.9*	3.4	5.5*	2.2			5.0*	2.0	6.3
-4.5 m			4.7*	3.6					4.5*	3.5	4.6

Dipperstick: 2 800 mm

Blade rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	2.7			1.7*	1.7*	7.2
4.5 m					4.4	2.5	2.9	1.6	1.7*	1.4	8.0
3.0 m	11.2*	7.1	6.8	3.8	4.2	2.3	2.8	1.5	1.8*	1.2	8.3
1.5 m	6.6*	5.8	6.2	3.3	3.9	2.1	2.7	1.4	2.0*	1.1	8.4
0.0 m	7.1*	5.4	5.8	2.9	3.7	1.9	2.6	1.3	2.2	1.1	8.2
-1.5 m	9.9*	5.4	5.7	2.8	3.6	1.8	2.6	1.2	2.5	1.2	7.7
-3.0 m	12.0	5.5	5.7	2.8	3.6	1.8			3.0	1.5	6.8
-4.5 m	8.3*	5.8	5.8*	3.0					4.5*	2.4	5.3

Blade rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	3.0			1.7*	1.7*	7.2
4.5 m					4.7*	2.8	3.2*	1.8	1.7*	1.6	8.0
3.0 m	11.2*	8.1	7.0*	4.2	5.4*	2.6	4.6*	1.7	1.8*	1.4	8.3
1.5 m	6.6*	6.6*	8.7*	3.7	6.2*	2.4	4.6	1.6	2.0*	1.3	8.4
0.0 m	7.1*	6.3	9.5*	3.4	6.5	2.2	4.5	1.5	2.3*	1.3	8.2
-1.5 m	9.9*	6.3	9.3*	3.3	6.4	2.1	4.4	1.5	3.0*	1.4	7.7
-3.0 m	12.1*	6.4	8.3*	3.3	5.8*	2.1			4.4*	1.7	6.8
-4.5 m	8.3*	6.8	5.8*	3.5					4.5*	2.7	5.3

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

One piece boom - Lifting capacity

Value are expressed in tonnes

Two stabilisers

Dipperstick: 2 000 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	2.7			2.7*	2.4	6.3
4.5 m			6.5*	4.2	4.5	2.6			2.7*	1.8	7.1
3.0 m			6.8	3.7	4.3	2.4	3.0	1.6	2.8*	1.6	7.6
1.5 m			6.3	3.3	4.1	2.2	2.9	1.5	2.8	1.4	7.6
0.0 m	6.8*	5.8	6.1	3.1	3.9	2.0			2.9	1.5	7.4
-1.5 m	11.9*	5.9	6.1	3.1	3.9	2.0			3.2	1.7	6.8
-3.0 m	10.1*	6.1	6.2	3.2					4.2	2.2	5.8
-4.5 m											

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	3.6			2.7*	2.7*	6.3
4.5 m			6.5*	5.8	5.5*	3.5			2.7*	2.6	7.1
3.0 m			8.1*	5.2	6.1*	3.3	3.2*	2.3	2.8*	2.2	7.6
1.5 m			9.4*	4.8	6.1	3.1	4.2	2.2	3.2*	2.1	7.6
0.0 m	6.8*	6.8*	9.7	4.6	5.9	3.0			3.9*	2.2	7.4
-1.5 m	11.9*	9.0	9.0*	4.5	5.9	2.9			4.8	2.4	6.8
-3.0 m	10.1*	9.2	7.4*	4.6					5.3*	3.2	5.8
-4.5 m											

Dipperstick: 2 400 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	2.7			2.1*	2.1	6.8
4.5 m					4.5	2.6	2.3*	1.7	2.1*	1.6	7.5
3.0 m	12.8*	7.0	6.9	3.8	4.3	2.4	3.0	1.6	2.2*	1.4	7.9
1.5 m			6.4	3.4	4.1	2.2	2.8	1.5	2.5*	1.3	8.0
0.0 m	7.0*	5.7	6.1	3.1	3.9	2.0	2.8	1.4	2.6	1.3	7.8
-1.5 m	10.7*	5.7	6.0	3.0	3.8	1.9			2.9	1.4	7.3
-3.0 m	11.2*	5.9	6.1	3.1	3.9	2.0			3.6	1.9	6.3
-4.5 m			4.7*	3.3					4.5*	3.2	4.6

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	3.7			2.1*	2.1*	6.8
4.5 m					5.1*	3.6	2.3*	2.3*	2.1*	2.1*	7.5
3.0 m	12.8*	10.3	7.6*	5.3	5.8*	3.3	4.3	2.3	2.2*	2.0	7.9
1.5 m			9.1*	4.8	6.1	3.1	4.2	2.2	2.5*	1.9	8.0
0.0 m	7.0*	7.0*	9.7	4.5	5.9	2.9	4.1	2.1	3.0*	1.9	7.8
-1.5 m	10.7*	8.8	9.2*	4.5	5.8	2.9			3.9*	2.2	7.3
-3.0 m	11.2*	9.0	7.9*	4.5	5.5*	2.9			5.0*	2.7	6.3
-4.5 m			4.7*	4.7					4.5*	4.5*	4.6

Dipperstick: 2 800 mm

Stabilisers rear / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	2.7			1.7*	1.7*	7.2
4.5 m					4.6	2.6	3.1	1.7	1.7*	1.4	8.0
3.0 m	11.2*	7.3	7.0	3.9	4.3	2.4	3.0	1.6	1.8*	1.2	8.3
1.5 m	6.6*	6.0	6.4	3.4	4.1	2.2	2.8	1.4	2.0*	1.1	8.4
0.0 m	7.1*	5.6	6.1	3.1	3.9	2.0	2.7	1.4	2.3*	1.1	8.2
-1.5 m	9.9*	5.6	5.9	2.9	3.8	1.9	2.7	1.3	2.6	1.3	7.7
-3.0 m	12.1*	5.7	5.9	3.0	3.8	1.9			3.1	1.6	6.8
-4.5 m	8.3*	6.0	5.8*	3.1					4.5*	2.5	5.3

Stabilisers rear / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	3.7			1.7*	1.7*	7.2
4.5 m					4.7*	3.6	3.2*	2.4	1.7*	1.7*	8.0
3.0 m	11.2*	10.7	7.0*	5.4	5.4*	3.4	4.3	2.3	1.8*	1.8*	8.3
1.5 m	6.6*	6.6*	8.7*	4.9	6.1	3.1	4.2	2.1	2.0*	1.7	8.4
0.0 m	7.1*	7.1*	9.5*	4.5	5.9	2.9	4.1	2.0	2.3*	1.7	8.2
-1.5 m	9.9*	8.7	9.3*	4.4	5.7	2.8	4.0	2.0	3.0*	1.9	7.7
-3.0 m	12.1*	8.8	8.3*	4.4	5.8	2.8			4.4*	2.3	6.8
-4.5 m	8.3*	8.3*	5.8*	4.6					4.5*	3.6	5.3

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

One piece boom - Lifting capacity

Value are expressed in tonnes

Blade - Two stabilisers

Dipperstick: 2 000 mm

Blade rear / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	2.7			2.7*	2.5	6.3
4.5 m			6.5*	4.3	4.4	2.7			2.7*	1.9	7.1
3.0 m			6.7	3.9	4.2	2.5	2.9	1.6	2.8	1.6	7.6
1.5 m			6.2	3.4	4.0	2.3	2.8	1.6	2.7	1.5	7.6
0.0 m	6.8*	6.0	6.0	3.2	3.9	2.1			2.8	1.5	7.4
-1.5 m	11.9*	6.1	6.0	3.2	3.8	2.1			3.1	1.7	6.8
-3.0 m	10.1*	6.3	6.1	3.3					4.1	2.3	5.8
-4.5 m											

Blade rear / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	3.9*			2.7*	2.7*	6.3
4.5 m			6.5*	6.5*	5.5*	4.8			2.7*	2.7*	7.1
3.0 m			8.1*	7.3	6.1*	4.6	3.2*	3.1	2.8*	2.8*	7.6
1.5 m			9.4*	6.8	6.7*	4.3	4.5*	3.0	3.2*	3.0	7.6
0.0 m	6.8*	6.8*	9.7*	6.5	6.9*	4.2			3.9*	3.0	7.4
-1.5 m	11.9*	11.9*	9.0*	6.5	6.5*	4.1			5.3*	3.4	6.8
-3.0 m	10.1*	10.1*	7.4*	6.6					5.3*	4.4	5.8
-4.5 m											

Dipperstick: 2 400 mm

Blade rear / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	2.8			2.1*	2.1*	6.8
4.5 m					4.5	2.7	2.3*	1.7	2.1*	1.7	7.5
3.0 m	12.8*	7.2	6.8	3.9	4.2	2.5	2.9	1.6	2.2*	1.4	7.9
1.5 m			6.3	3.5	4.0	2.3	2.8	1.5	2.5	1.3	8.0
0.0 m	7.0*	5.9	6.0	3.2	3.8	2.1	2.7	1.5	2.5	1.4	7.8
-1.5 m	10.7*	5.9	5.9	3.1	3.8	2.0			2.8	1.5	7.3
-3.0 m	11.2*	6.1	6.0	3.2	3.8	2.1			3.5	1.9	6.3
-4.5 m			4.7*	3.4					4.5*	3.3	4.6

Blade rear / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	4.2*			2.1*	2.1*	6.8
4.5 m					5.1*	4.8	2.3*	2.3*	2.1*	2.1*	7.5
3.0 m	12.8*	12.8*	7.6*	7.4	5.8*	4.6	4.4*	3.1	2.2*	2.2*	7.9
1.5 m			9.1*	6.8	6.5*	4.3	5.1*	3.0	2.5*	2.5*	8.0
0.0 m	7.0*	7.0*	9.7*	6.5	6.8*	4.2	5.2*	2.9	3.0*	2.8	7.8
-1.5 m	10.7*	10.7*	9.2*	6.4	6.6*	4.1			3.9*	3.1	7.3
-3.0 m	11.2*	11.2*	7.9*	6.5	5.5*	4.1			5.0*	3.8	6.3
-4.5 m			4.7*	4.7*					4.5*	4.5*	4.6

Dipperstick: 2 800 mm

Blade rear / stabilisers up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	2.8			1.7*	1.7*	7.2
4.5 m					4.5	2.7	3.0	1.7	1.7*	1.5	8.0
3.0 m	11.2*	7.5	6.9	4.0	4.3	2.5	2.9	1.6	1.8*	1.3	8.3
1.5 m	6.6*	6.2	6.3	3.5	4.0	2.2	2.8	1.5	2.0*	1.2	8.4
0.0 m	7.1*	5.8	5.9	3.2	3.8	2.1	2.7	1.4	2.3	1.2	8.2
-1.5 m	9.9*	5.8	5.8	3.1	3.7	2.0	2.6	1.4	2.5	1.3	7.7
-3.0 m	12.1	5.9	5.8	3.1	3.7	2.0			3.1	1.6	6.8
-4.5 m	8.3*	6.2	5.8*	3.3					4.5*	2.6	5.3

Blade rear / stabilisers down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	4.0*			1.7*	1.7*	7.2
4.5 m					4.7*	4.7*	3.2*	3.2*	1.7*	1.7*	8.0
3.0 m	11.2*	11.2*	7.0*	7.0*	5.4*	4.6	4.6*	3.1	1.8*	1.8*	8.3
1.5 m	6.6*	6.6*	8.7*	6.9	6.2*	4.3	4.9*	3.0	2.0*	2.0*	8.4
0.0 m	7.1*	7.1*	9.5*	6.5	6.7*	4.1	5.1*	2.9	2.3*	2.3*	8.2
-1.5 m	9.9*	9.9*	9.3*	6.3	6.6*	4.0	4.6*	2.9	3.0*	2.7	7.7
-3.0 m	12.1*	12.1*	8.3*	6.4	5.8*	4.0			4.4*	3.3	6.8
-4.5 m	8.3*	8.3*	5.8*	5.8*					4.5*	4.5*	5.3

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

One piece boom - Lifting capacity

Value are expressed in tonnes

Four stabilisers

Dipperstick: 2 000 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	2.8			2.7*	2.6	6.3
4.5 m			6.5*	4.4	4.4	2.7			2.7*	2.0	7.1
3.0 m			6.6	4.0	4.1	2.5	2.8	1.7	2.8	1.7	7.6
1.5 m			6.1	3.5	3.9	2.3	2.8	1.6	2.7	1.6	7.6
0.0 m	6.8*	6.2	5.9	3.3	3.8	2.2			2.7	1.6	7.4
-1.5 m	11.9*	6.2	5.8	3.3	3.7	2.2			3.1	1.8	6.8
-3.0 m	10.1*	6.4	5.9	3.4					4.0	2.3	5.8
-4.5 m											

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									3.0*	3.0*	4.8
6.0 m					3.9*	3.9*			2.7*	2.7*	6.3
4.5 m			6.5*	6.5*	5.5*	5.5*			2.7*	2.7*	7.1
3.0 m			8.1*	8.1*	6.1*	5.7	3.2*	3.2*	2.8*	2.8*	7.6
1.5 m			9.4*	8.7	6.7*	5.4	4.5*	3.8	3.2*	3.2*	7.6
0.0 m	6.8*	6.8*	9.7*	8.4	6.9*	5.3			3.9*	3.8	7.4
-1.5 m	11.9*	11.9*	9.0*	8.4	6.5*	5.2			5.3*	4.3	6.8
-3.0 m	10.1*	10.1*	7.4*	7.4*					5.3*	5.3*	5.8
-4.5 m											

Dipperstick: 2 400 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	2.9			2.1*	2.1*	6.8
4.5 m					4.4	2.7	2.3*	1.8	2.1*	1.7	7.5
3.0 m	12.8*	7.3	6.7	4.0	4.2	2.5	2.8	1.7	2.2*	1.5	7.9
1.5 m			6.2	3.6	3.9	2.3	2.7	1.6	2.4	1.4	8.0
0.0 m	7.0*	6.1	5.9	3.3	3.8	2.2	2.7	1.5	2.5	1.4	7.8
-1.5 m	10.7*	6.1	5.8	3.2	3.7	2.1			2.8	1.6	7.3
-3.0 m	11.2*	6.3	5.8	3.3	3.7	2.1			3.5	2.0	6.3
-4.5 m			4.7*	3.5					4.5*	3.4	4.6

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m									2.4*	2.4*	5.4
6.0 m					4.2*	4.2*			2.1*	2.1*	6.8
4.5 m					5.1*	5.1*	2.3*	2.3*	2.1*	2.1*	7.5
3.0 m	12.8*	12.8*	7.6*	7.6*	5.8*	5.7	4.4*	3.9	2.2*	2.2*	7.9
1.5 m			9.1*	8.7	6.5*	5.4	5.1*	3.8	2.5*	2.5*	8.0
0.0 m	7.0*	7.0*	9.7*	8.4	6.8*	5.3	5.2*	3.7	3.0*	3.0*	7.8
-1.5 m	10.7*	10.7*	9.2*	8.3	6.6*	5.2			3.9*	3.9	7.3
-3.0 m	11.2*	11.2*	7.9*	7.9*	5.5*	5.2			5.0*	4.8	6.3
-4.5 m			4.7*	4.7*					4.5*	4.5*	4.6

Dipperstick: 2 800 mm

4 stabilisers / up

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	2.9			1.7*	1.7*	7.2
4.5 m					4.4	2.8	2.9	1.8	1.7*	1.6	8.0
3.0 m	11.2*	7.7	6.8	4.1	4.2	2.5	2.8	1.7	1.8*	1.3	8.3
1.5 m	6.6*	6.3	6.2	3.6	3.9	2.3	2.7	1.6	2.0*	1.2	8.4
0.0 m	7.1*	6.0	5.8	3.3	3.7	2.1	2.6	1.5	2.2	1.2	8.2
-1.5 m	9.9*	5.9	5.7	3.1	3.6	2.0	2.6	1.4	2.5	1.4	7.7
-3.0 m	12.0	6.1	5.7	3.2	3.6	2.0			3.0	1.7	6.8
-4.5 m	8.3*	6.4	5.8*	3.4					4.5*	2.6	5.3

4 stabilisers / down

Height	Reach										
	3.0 m		4.5 m		6.0 m		7.5 m		max		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m					2.0*	2.0*			1.9*	1.9*	6.0
6.0 m					4.0*	4.0*			1.7*	1.7*	7.2
4.5 m					4.7*	4.7*	3.2*	3.2*	1.7*	1.7*	8.0
3.0 m	11.2*	11.2*	7.0*	7.0*	5.4*	5.4*	4.6*	3.9	1.8*	1.8*	8.3
1.5 m	6.6*	6.6*	6.7*	6.7*	6.2*	5.4	4.9*	3.8	2.0*	2.0*	8.4
0.0 m	7.1*	7.1*	9.5*	8.4	6.7*	5.2	5.1*	3.7	2.3*	2.3*	8.2
-1.5 m	9.9*	9.9*	9.3*	8.2	6.6*	5.1	4.6*	3.6	3.0*	3.0*	7.7
-3.0 m	12.1*	12.1*	8.3*	8.2	5.8*	5.1			4.4*	4.2	6.8
-4.5 m	8.3*	8.3*	5.8*	5.8*					4.5*	4.5*	5.3

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisc are limited by the hydraulic system.

Standard equipment

Automatic gear shifting
 8 selectable power stages
 Automatic battery main switch (coupled to ignition lock)
 Automatic power increase in DRIVE stage
 CNH diesel engine
 Consoles adjustable in height and length
 Direct injection with turbo charger and intercooler
 Driver seat individually adjustable in all positions
 Electrical preparation 12 V
 Electrohydraulic servo control
 Electronic immobiliser
 Encased ball bearing slewing ring with long-life lubrication
 Engine and pump monitoring by power limit control
 Ergonomic design of arm rests and foot pedals

Large toolbox under the step
 LCD monitor with integrated error diagnosis function
 Loss-free swing-off and braking of upperstructure, adjustable
 Noise-insulated mounted cab on elastic blocks
 Patented disc brakes for jolt-free work
 Pump Management System
 Robust, shielded arc, welded modular chassis in box section design
 Safety tinted glasses
 Steering column is adjustable in all positions
 Sun blinds, roof window, transparent rain protection
 Swing drive with low-wearing disc brake
 Triple-pump-hydraulic system with two service pumps and separate swing pump
 Water-cooled, low-consumption and low-exhaust engine pursuant to EU directive

Optional equipment

30 km/h overdrive
 Tyres
 4 x 18.00-19.5 XF
 8 x 10.00 - 20 with baffle rings, Bridgestone, twin tyres
 4 x Elastic solid rubber tyres 10 - 20 with baffle rings
 Air conditioning
 Armoured glass for front window
 Auxiliary heating
 Axles with self-locking differential
 Central lubrication
 Cooling box

Dippersticks: 2 000 mm and 2900 mm
 Dozer blade with hydraulic parallel guidance
 Electric fuel filling pump
 FOPS protection on cab roof and front window
 Hydraulic system for hammer, grab, shears
 Independent stabiliser control
 Interim bearing for prop shaft
 Safety load hook on coupler
 Safety system for hoist mode
 Stabilisers for secure grip on uneven ground
 Transport holder for grabs

Note: standard and optional equipment may vary by country. Consult your FIAT KOBELCO dealer for specific details.

Buckets

SAE Capacity	CECE heaped capacity	Width	Weight
0.52 m ³	0.45 m ³	750 mm	503 kg
0.62 m ³	0.53 m ³	850 mm	537 kg
0.78 m ³	0.66 m ³	1000 mm	634 kg
1.00 m ³	0.83 m ³	1200 mm	651 kg
1.10 m ³	0.91 m ³	1300 mm	698 kg

AT YOUR OWN DEALERSHIP

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