NEW HOLLAND

E215C

	E215C	E215C ME
ENGINE POWER	118 kW -160 hp	
MAX OPERATING WEIGHT	23.160 kg	23.700 kg
BUCKET CAPACITY	0,52 m^3 - 1,31 m^3	0,45 m^3

NEW HOLLAND CONSTRUCTION

INTERNATIONAL

AS LONG AS WE KEEP BUILDING ROADS, THERE WILL

L ALWAYS BE A JOURNEY TO UNDERTAKE

THE MAIN COMPONENTS OF OUR CRA

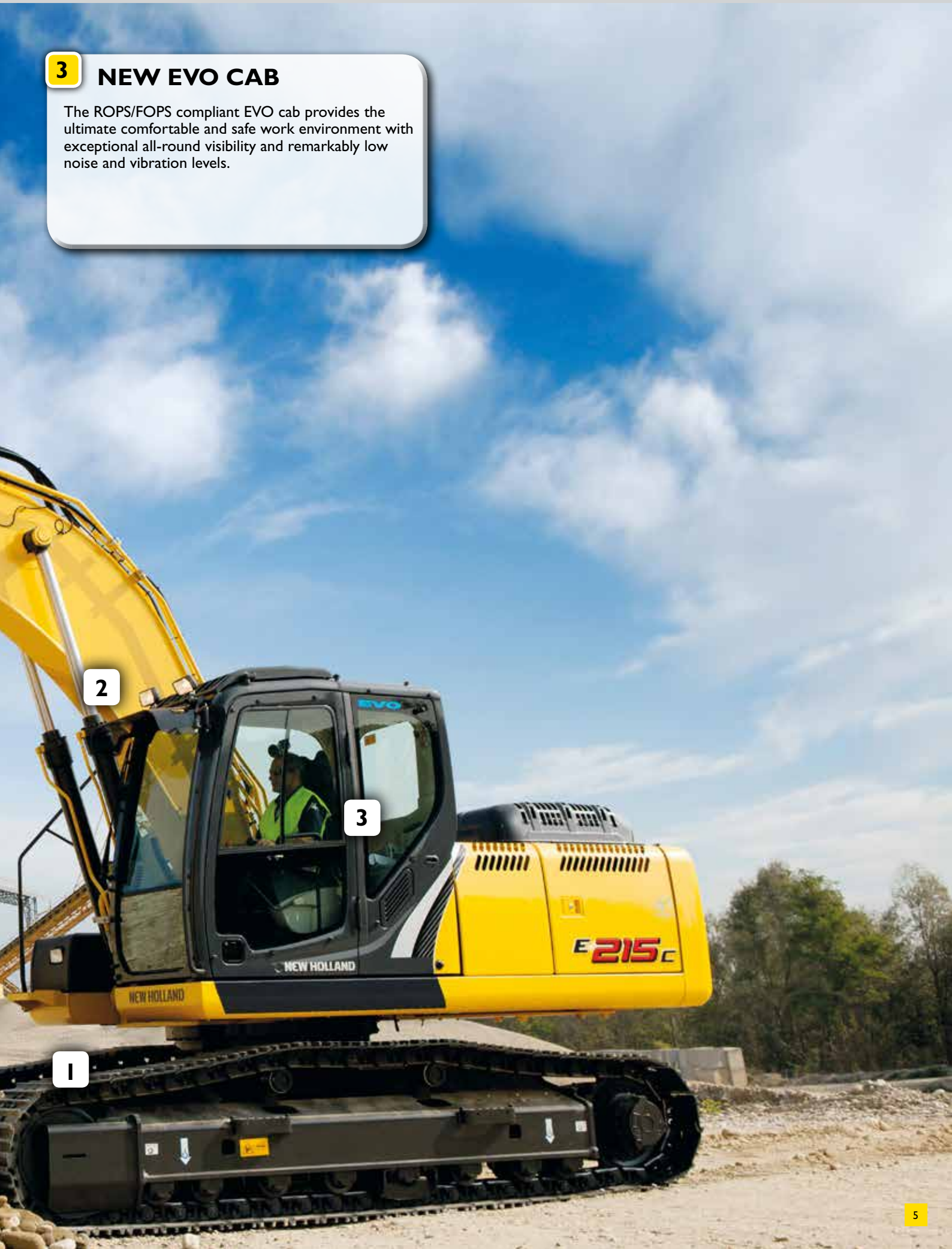
1 HEAVY-DUTY DESIGN

The C Series excavators are designed and built to deliver the ultimate reliability and durability that customers expect.
The long undercarriage provides dynamic stability and performance.

2 INTELLIGENT HYDRAULICS

New Holland's Hydrotonic combines highly advanced electronic technology with a sophisticated hydraulic system, and has been designed to maximise the machines' performance according to the job at hand. The new ECO working mode optimizes fuel consumption while maintaining good performance.

AWLER EXCAVATOR



3 NEW EVO CAB

The ROPS/FOPS compliant EVO cab provides the ultimate comfortable and safe work environment with exceptional all-round visibility and remarkably low noise and vibration levels.

2

3

1

MORE PRODUCTIVITY

DYNAMIC STABILITY

The heavy-duty design is a perfect match with the machine's powerful performance. The three versions (L e LC) all feature a long, heavy-duty undercarriage that provides exceptional dynamic stability, ensuring a safe and productive performance on all terrains.

SUPERIOR PERFORMANCE

The exceptional stability and optimal weight distribution enable the operator to make the most of the E215C's superior breakout force and lifting capacity. The Continuous Power Boost delivers extra power as and when needed, raising hydraulic pressure from 34.3 to 37.8 Mpa. Travelling on inclines and difficult terrain is easy with the excellent drawbar pull.

TOP PERFORMANCE IN ALL WORKING CONDITIONS

INTELLIGENT HYDRAULIC SYSTEM

The Hydrotronic combines advanced electronic technology that provides full just-in-time control of all machine functions with a sophisticated high-efficiency hydraulic system. It continuously optimizes hydraulic output according to the operator's demands for the job at hand.

+10%
PRODUCTIVITY

A PERFECT COMBINATION OF SPEED, EFFICIENCY AND CONTROL

SPEED AND CONTROL WITH D.O.C.
With the Dipperstick Optimized Control (D.O.C.), the excavator always works with two pumps to ensure the operator always has the flow and speed he needs. The Hydrotonic continuously adjusts the flow and speed to match the requirements, ensuring a smooth transition when switching from ligher work to heavy digging.

SPEED AND EFFICIENCY WITH CONFLUX
The Conflux is an automatic hydraulic regeneration feature that diverts unused oil to feed the cylinder that needs it. This process is faster and more energy efficient than repumping oil, resulting in faster "dipper in" movement and greater efficiency.

FAST CYCLE TIME
The integrated swing priority ensures a seamless transition of additional pump power to the swing function when needed.

FLEXIBILITY AND VERSATILITY

The new generation Advanced Electronic Processor (A.E.P.) provides highly responsive controls and delivers extra power when needed. The operator can easily monitor and select the main working parameters, maintenance notifications, self diagnosis and operating data storage. Attachment management is extremely versatile, as the operator can set flow and pressure with up to 20 attachment pre-settings.

SMOOTH OPERATIONS

The high-efficiency hydraulics and new joysticks result in smooth operation and outstanding control, especially during simultaneous operation, leveling and other tasks requiring high precision. The optional Hydraulic Proportional Controls (HPC) further increase productivity and reduce operator fatigue.

EFFICIENCY

THE MOST FUEL EFFICIENT CRAWLER EXCAVATOR WE HAVE EVER BUILT

New Holland excavators have a reputation for industry leading fuel efficiency; The C Series takes it to a whole new level.

ENGINE AND HYDRAULIC POWER: THE PERFECT MATCH

The high-effi ciency hydraulics supply high flow at low rpm, maximizing fuel efficiency. In addition, the Hydrotonic optimizes the performance and efficiency of the machine: it maintains engine speed at the required level, preventing it from dropping. It reduces pump displacement in case of overload and continuously adjusts oil flow to avoid overloading the engine or the pumps.

HIGH-EFFICIENCY HYDRAULICS

The new improved hydraulic system minimizes friction losses and pressure drops, while the Hydrotronic advanced electronic technology ensures 100 percent pump utilization in all applications. The result: maximum controllability, speed and power combined with minimum fuel consumption.

-10%
FUEL

OPTIMIZE EFFICIENCY WITH THE WORKING MODES

H Heavy-duty working mode for maximum speed and productivity
S Standard mode for performance and fuel savings
E Eco mode which optimizes fuel consumption

TAKE CONTROL OF YOUR MACHINE'S EFFICIENCY

The new multifunctional monitor puts the operator in full control of the machines.

A COMMITTED PARTNER

DESIGNED WITH ENVIRONMENTAL CARE

New Holland has a long history of designing products with emissions levels well below regulatory levels.

LEADER IN SUSTAINABILITY

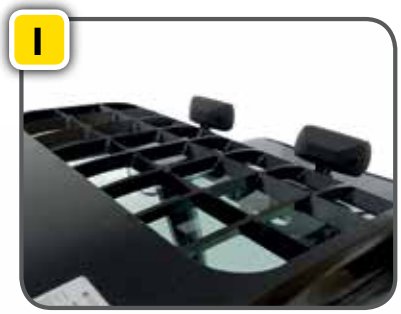
New Holland's extensive offering of low emission products, our continued focus on reducing our environmental footprint throughout our products' entire life cycle and our involvement in the community have contributed to our parent company, Fiat Industrial, being recognised as Industry Leader by the Dow Jones Sustainability Index (DJSI) World and DJSI Europe. These prestigious equity indexes only admit companies that are best-in-class in managing their businesses, from an economic as well as social and environmental perspective. Fiat Industrial received a score of 81/100 compared to an average of 49/100 for all companies in its sector, and was awarded first place.

EVOLUTION IN SAFETY

The reinforced structure of the cab complies with ROPS and FOPS standards. Together with the optional front guard it contributes to providing a safe working environment for the operator.

ROPS certified cab - ISO 12117-2
FOPS protection - ISO 10262 level 2

1



3

EXCELLENT ALL - ROUND VISIBILITY

The EVO cab is designed to maximize visibility, with a full size right window and optional rear-view camera.

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2 SAFE OBJECT HANDLING

C Series excavators are equipped with all the safety devices required by European Standards EN 474-5 : 1996 for object handling operations . The optional Object Handling Kit is available, for maximum operator confidence. The Heavy Lift function provides additional lifting capacity and more precision during load placement, which add up to safer operation.

WELCOME ON BOARD

EVOLUTION IN COMFORT

The spacious EVO cab is designed to maximize the operator's comfort and performance. All switches and controls are ergonomically positioned on the right side, easy to find and to reach; opening and closing the front window is easy with the onetouch lock release; and the extra wide door provides easy access.

A FULLY ADJUSTABLE WORKSTATION

The seat is adjustable in all directions, independently or with the side consoles. The armrests, integrated in the side consoles, can be placed in four different positions and inclined, enabling the operator to tailor the workstation for maximum convenience and comfort. The optional air-suspension seat with heated cushion can add further to the operator's comfort.

SUPERIOR OPERATOR ENVIRONMENT

Long working days will feel shorter with the new radio with Bluetooth and USB, and the automatic air-conditioning system.

LOW VIBRATION AND NOISE LEVEL

Six silicon liquid filled viscous dampers and enhanced soundproofing of the EVO cab result in remarkably low noise and vibration levels, adding to the operator's comfort and reducing fatigue.

OUTSTANDING VISIBILITY

The EVO cab provides excellent all-round visibility, with a full size right window and standard rear-view camera. The new standard skylight with sunshade provides a clear view to overhead obstacles.

EASY TO OPERATE

The new multifunctional monitor is easy to read with a full-color screen dedicated to the rear wide-angle camera. The operator can set service interval reminders for engine oil, hydraulicoil, fuel and filters. The auxiliary hydraulics can be adjusted from the control monitor to match pressure and flow to the attachment. Self-diagnostics with fault code memory make it easy to check and adjust system pressures, engine speed, travel speed, hydraulic pressure and other operating functions. Work and attachment modes are easy to select and are clearly displayed on the monitor.

BUILT-IN SERVICEABILITY AND RELIA

DESIGNED TO CUT OPERATING COSTS

The side-by-side radiator layout improves cooling performance and is exceptionally easy to clean. Easy-to-change engine oil and fuel filters and ground access to all daily service points contribute to maximizing the machine's uptime.

SERVICE POINTS AT GROUND LEVEL

The engine oil filter, fuel filter and water separator, which removes contaminants and water, are key for good engine performance and durability. They are remote mounted and easy to reach from ground level for easy maintenance.

CENTRALISED LUBRICATION

Grouped and centralised greasing points, allow all boom wear points to be easily greased from ground level at 500-hour service intervals.

LONG LIFE HYDRAULIC OIL

The long-life hydraulic oil has excellent anti-emulsion characteristics as well as an optimized mix of anti-wear and anti-oxidants additives that extend service intervals to 5000 hours, resulting in an impressive reduction in operation costs and environmental impact.

BILITY

MORE RELIABILITY AND DURABILITY WITH THE HEAVY DUTY DESIGN

Booms and arms were designed using advanced CAD and FEM (Finite Elements Methodology) Systems to maximize strength in those areas where stresses are concentrated. The result is a strong Heavy Duty front attachment that can deal with the toughest applications.

BUCKET LINKAGE WITH DOUBLE BUSHING

Additional external bushings made of anti-wear steel provide extra protection to the arm and bucket's long-life internal bushing. When the radial surface becomes worn, these bushings are easy to change, increasing pin and bushing durability while reducing operating costs.

ARM PROTECTION

An optional arm protection is available to further extend durability even in rocky applications.

BUILT TO LAST

The heavy-duty X-frame undercarriage is built to last, with rollers, sprockets and travel motors sealed for a long life.
The two track frames come with a standard central mounted track guide. Four additional track guides are also available as an option for work in particularly uneven or rocky terrain. They help keep the chains on the rollers and protect them, ensuring greater durability, efficiency and safety.

E215C

SPECIFICATIONS

TIER 3 ENGINE

Make and model ..... FPT F4GE9684E
Engine horsepower (ISO 14396/ECE R120).... 118 kW/158 hp (2000 rpm)
Peak torque ..... 665 Nm (1200 rpm)
Type ..... Direct injection diesel engine, water-cooled with intercooler turbocharger
Displacement ..... 6.7 l
Number of cylinders 6
Bore stroke ..... 104 x 132 mm
Remote engine oil filter for an easy replacement of the indicator-type electronic engine rpm control from the instrument panel
Automatic idle selector turns engine back to minimum rpm when all the controls are in neutral
Outside temperature starting as standard:
Warm weather version (AME) ..... -25°/+45°
Cold weather version (CIS) ..... 30°/+40°
The engine meets 3A Stage from 97/68/EC Standard (Tier 3)

ELECTRICAL SYSTEM

Voltage / Alternator ..... 24 V/70 A
Engine starter ..... 4 kW
Maintenance-free batteries ..... 2 x 12 V/100 Ah

TRANSMISSION

Type ..... 2-speed hydrostatic type with automatic downshift
Displacement engines ..... Double displacement axial piston
Brakes ..... automatic discs
Final drive ..... In oil bath with and planetary reduction
Gradeability ..... 70% (35°)
Travel speeds: ..... low 0 to 3.7 km/h/high 0 to 5.7 km/h
Drawbar thrust ..... 222 kN

UNDERCARRIAGE

X-shaped undercarriage frame
Reinforced track chain with sealed bushing

	E215C L	E215C LC
Lower rollers (on each side)	8	8
Upper rollers (on each side)	2	2
Track length on the ground (mm)	3660	3660
Shoes (mm)	600-700	600-700
	800-900	800-900

Shoe Type ..... Tractor triple grouser shoe
Qty. on each side 49
Grouser shoe ..... 26 mm

HYDRAULIC SYSTEM

High capacity dual pumps with electronic supply adjustment. Variable displacement piston pumps automatically return to zero in neutral position. Main control valve with fail safe function and anti-slip valve.
Hydrotronic Active Operation Aid (H.A.O.A.)
Engine Speed Sensing Control (E.S.S.C.)
Dipperstick Optimized Control (D.O.C.)
Continuous Power Boost (C.P.B)
Cutting edge Advanced Electronic Processor (A.E.P.)

3 operating modes
H Mode: heavy-duty digging work
S Mode: standard digging and load work
E Mode: fuel saving
Accessories modes
Shredder (one-way hydraulic flow)
Trimmer (two-way hydraulic flow)
Accessories flow and pressure are set from the cab and there are 20 default settings
Hydraulic pump
Maximum flow at rated engine speed ..... 2 x 220 l/min
Pilot circuit gear pump ..... máx. 20 l/min
Directional control valves
Type ..... 8-spool valve
System Pressures
Boom, arm and bucket ..... 34,3 MPa
with increased power ..... 37,8 MPa
Displacement ..... 34,3 MPa
Oscillation ..... 28 MPa
Pilot control circuit ..... 5 MPa

CAPACITIES

Engine oil ..... 21 l
Fuel tank ..... 448 l
Hydraulic system (incl. 167 l tank) ..... 230 l
Cooling system ..... 24 l

OSCILLATION

Oscillator engine ..... axial piston type
Oscillator brake ..... hydraulic brake
speed ..... 0 a 12,8 rpm

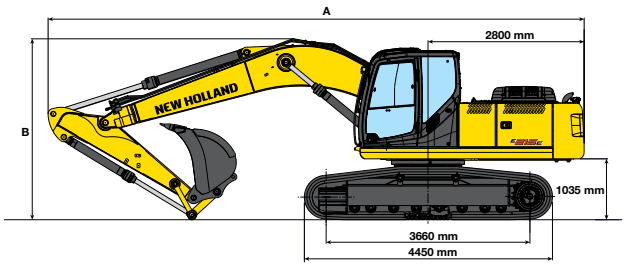
CAB AND CONTROLS

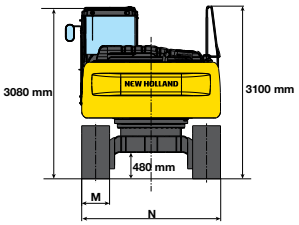
Operator's cab
Frame ..... Fully enclosed steel frame
EVO Operator's cab ..... Safety cab with enhanced comfort and operation optimization, ISO 12117-2 (ROPS) and (ISO 10262 level II (ROPS) standards certified
Rear view ..... Optional
Monitor ..... Multifunction control integrated monitor with built-in rear view camera (if selected)
Operator's seat
Operator's seat ..... Reclining adjustable device
Operation
Displacement ..... Two manual levers or two pedals for independent forward and reverse operations of tracks
Digging and oscillation ..... Two manual levers for four operations

Sound Level
Guaranteed external sound level
(EU 2000/14/EC Standard) ..... LwA 102 dB(A)
Operator's cab sound pressure level (ISO 6396) ..... LpA 69 dB(A)

DIMENSIONS - SINGLE BOOM

Boom lenght 5.65 m





L/LC VERSION

ARM		2940	3500
A - Total length	mm	9496	9450
B - Boom height in transport position	mm	2970	3160
Overall height	mm	3097	3156

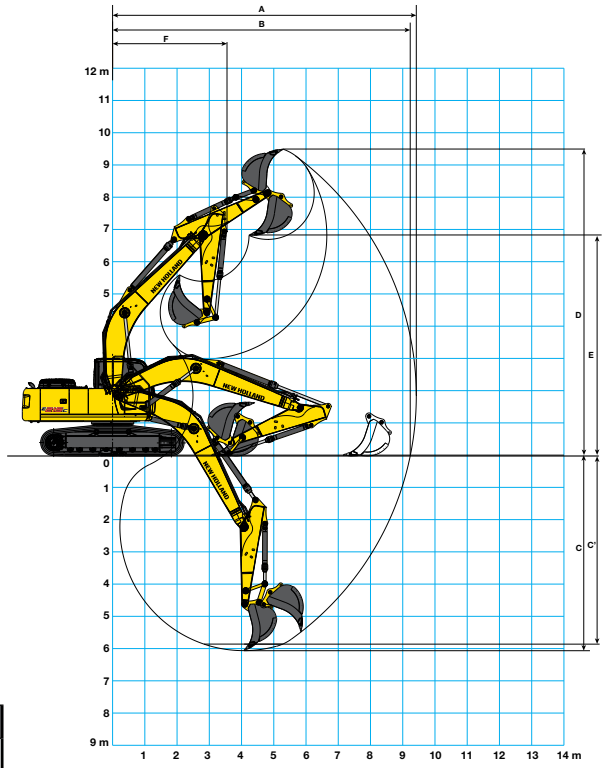
OPERATING WEIGHT - SINGLE BOOM

		LC VERSION		
M - Shoe width	mm	700	800	900
N - Maximum width	mm	3090	3190	3290
Operating weight*	kg	21670	21 960	22230
Ground pressure*	bar	0.42	0.37	0.33

* 2400 mm arm

DIGGING PERFORMANCE

ARM		2940	3500
A - Max. digging reach	mm	9900	10340
B - Max. ground level digging reach	mm	9730	10170
A - Max. digging depth	mm	6700	7260
C' - Digging depth at 2.4	mm	6100	6470
D - Max. digging height	mm	9720	9750
E - Max. discharge distance	mm	6910	6970
F - Min. oscillation radius	mm	3540	3470



BREAKOUT FORCE

ARM		2940	3500
Bucket	daN	15500	15500
Digging arm	daN	10900	9000

WITH "POWER BOOST" ACTIVATED

ARM		2940	3500
Bucket	daN	16900	16900
Digging arm	daN	11800	9800

BUCKETS			E215C				E215C LC			
Width (mm)	Capacity m³ SAE J296 (ISO 7451)	Peso (kg)	Arm mm				Arm mm			
			2080	2400	2940	3500	2080	2400	2940	3500
750	0.52	505								
850	0.63	540								
1000	0.79	635								
1200	1.00	650								
1300	1,10	700								
1500	1.31	760								

General digging work (specific weight of material < 1.8 t/m³)

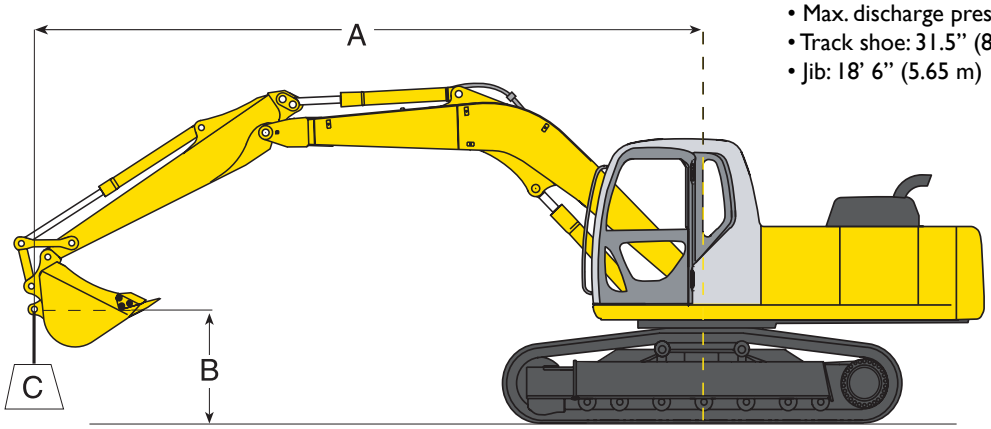
Slightly heavy digging work (specific weight of material < 1.5 t/m³)

Loading work (specific weight of material < 1.2 t/m³)

E215C

DIMENSIONS - 9’ 8” Arm

Lifting capacity diagram



A Reach swing central line up to bucket end
B Bucket end height over/below ground level
C Lifting capacities in pounds and kilograms
• Max. discharge pressure: 5,480 psi (385 kg/cm²)
• Track shoe: 31.5” (800 mm) Triple grousers
• Jib: 18’ 6” (5.65 m)

Lifting capacity

31.5” (800 mm) triple grouser shoe - Based on machines equipped with — Arm: 9’ 8” (2.94 m) Bucket: SAE Heaped capacity 1.05 yd³ (0.80 m³)

		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5’ (1.5 m)		10’ (3.0 m)		15’ (4.6 m)		20’ (6.1 m)		25’ (7.6 m)				
B	C													RADIUS
25’ (7.6 m)	kg							*3.620	*3.620			*3.220	*3.220	6,23 m
	lb							*7.990	*7.990			*7.110	*7.110	(20’ 5”)
20’ (6.1 m)	kg							*5.110	*5.110			*3.030	*3.030	7,37 m
	lb							*11.270	*11.270			*6.690	*6.690	(24’ 2”)
15’ (4.6 m)	kg							*5.630	*4.810	*4.630	3.240	*3.030	2.900	8,06 m
	lb							*12.420	10.620	*10.210	7.150	*6.690	6.410	(26’ 5”)
10’ (3.0 m)	kg			*12.920	*12.920	*8.270	7.180	*6.480	4.530	5.050	3.110	*3.180	2.590	8,43 m
	lb			*28.490	*28.490	*18.240	15.830	*14.300	9.990	11.140	6.870	*7.020	5.710	(27’ 8”)
5’ (1.5 m)	kg			*7.910	*7.910	*10.070	6.570	7.010	4.240	4.890	2.970	*3.490	2.460	8,51 m
	lb			*17.460	*17.460	*22.220	14.480	15.470	9.350	10.790	6.550	*7.700	5.430	(27’ 11”)
ground level	kg			*8.800	*8.800	10.910	6.200	6.770	4.020	4.770	2.860	*4.040	2.490	8,30 m
	lb			*19.420	*19.420	24.060	13.670	14.940	8.880	10.520	6.300	*8.920	5.500	(27’ 3”)
-5’ (-1.5 m)	kg	*7.710	*7.710	*12.380	*12.000	10.750	6.070	6.660	3.920	4.720	2.810	4.560	2.720	7,80 m
	lb	*17.010	*17.010	*27.300	*26.470	23.720	13.390	14.680	8.660	10.420	6.210	10.060	6.000	(25’ 7”)
-10’ (-3.0 m)	kg	*11.740	*11.740	*14.740	*12.190	*10.250	6.110	6.680	3.950			5.500	3.280	6,92 m
	lb	*25.890	*25.890	*32.510	*26.890	*22.610	13.490	14.740	8.710			12.140	7.250	(22’ 8”)
-15’ (-4.6 m)	kg			*11.270	*11.270	*8.010	6.340					*6.320	4.790	5,50 m
	lb			*24.850	*24.850	*17.670	13.980					*13.950	10.580	(18’ 0”)

Notes:

1. Never attempt to lift or hold any load exceeding these radius and load height estimated values. The weight of all accessories should be subtracted from the lifting capacities mentioned above.
2. Lifting capacities are estimated assuming the machine is on a rugged, flat, level and firm surface. The Operator must be aware of certain working conditions, such as uneven or soft ground, grades, side loads, sudden stop of load, dangerous conditions, inexperienced staff, other buckets weight, lifting slings, couplers, etc.
3. Bucket lifting hook classification.
4. The above rated loads are in accordance with SAE J 1097 Hydraulic Excavators Lifting Capacity Standard. They do not exceed 87% hydraulic lifting capacity or 75% float load. Those rated loads marked with an (*) are limited by their hydraulic capacity rather than by their float charge.
5. The Operator must be fully familiar with the Operator´s and Maintenance Manuals before operating the machine. Rules must be complied with at all times for a safe operation.
6. Capacities will be applied only to this machine as it was originally manufactured and equipped by KOBELCO Construction Machinery America LLC.

Lifting capacity

27.6" (700 mm) triple grouser shoe - Based on machines equipped with — Arm: 9' 8" (2.94 m) Bucket: SAE Heaped capacity 1.05 yd³ (0.80 m³)

		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)				
B	C													RADIUS
25'	kg							*3.620	*3.620			*3.220	*3.220	6,23 m
(7.6 m)	lb							*7.990	*7.990			*7.110	*7.110	(20' 5")
20'	kg							*5.110	4.950			*3.030	*3.030	7,37 m
(6.1 m)	lb							*11.270	10.920			*6.690	*6.690	(24' 2")
15'	kg							*5.630	4.760	*4.630	3.200	*3.030	2.860	8,06 m
(4.6 m)	lb							*12.420	10.490	*10.210	7.060	*6.690	6.320	(26' 5")
10'	kg			*12.920	*12.920	*8.270	7.090	*6.480	4.470	4.980	3.070	*3.180	2.550	8,43 m
(3.0 m)	lb			*28.490	*28.490	*18.240	15.640	*14.300	9.860	10.990	6.770	*7.020	5.630	(27' 8")
5'	kg			*7.910	*7.910	*10.070	6.480	6.920	4.180	4.820	2.920	*3.490	2.420	8,51 m
(1.5 m)	lb			*17.460	*17.460	*22.220	14.300	15.270	9.220	10.640	6.450	*7.700	5.340	(27' 11")
ground	kg			*8.800	*8.800	10.770	6.110	6.680	3.970	4.700	2.810	*4.040	2.450	8,30 m
level	lb			*19.420	*19.420	23.740	13.490	14.730	8.750	10.370	6.210	*8.920	5.410	(27' 3")
-5'	kg	*7.710	*7.710	*12.380	11.850	10.610	5.990	6.560	3.870	4.650	2.770	4.560	2.680	7,80 m
(-1.5 m)	lb	*17.010	*17.010	*27.300	26.130	23.400	13.200	14.480	8.530	10.270	6.110	10.060	5.910	(25' 7")
-10'	kg	*11.740	*11.740	*14.740	12.040	*10.250	6.030	6.590	3.890			5.500	3.230	6,92 m
(-3.0 m)	lb	*25.890	*25.890	*32.510	26.550	*22.610	13.300	14.540	8.580			12.140	7.140	(22' 8")
-15'	kg			*11.270	*11.270	*8.010	6.250					*6.320	4.730	5,50 m
(-4.6 m)	lb			*24.850	*24.850	*17.670	13.790					*13.950	10.440	(18' 0")

5,4" (900 mm) triple grouser shoe - Based on machines equipped with — Arm: 9' 8" (2.94 m) Bucket: SAE Heaped capacity 1.05 yd³ (0.80 m³)

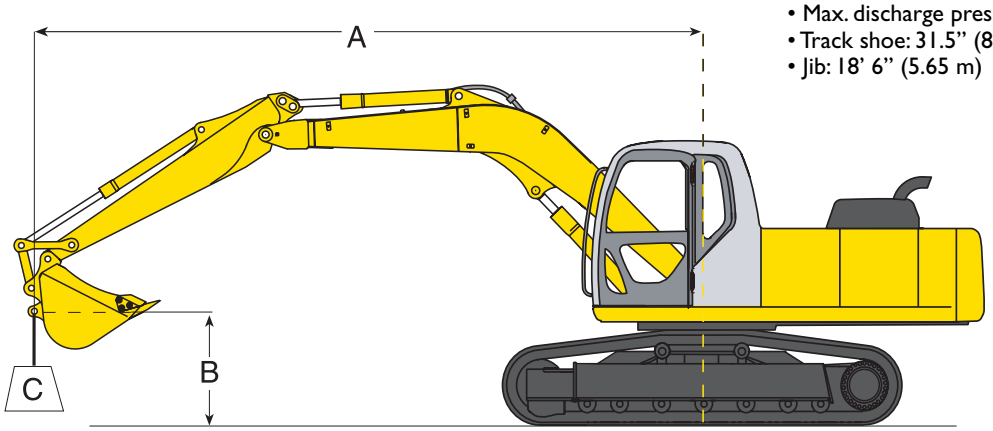
		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)				
B	C													RADIUS
25'	kg							*3.620	*3.620			*3.220	*3.220	6,23 m
(7.6 m)	lb							*7.990	*7.990			*7.110	*7.110	(20' 5")
20'	kg							*5.110	5.060			*3.030	*3.030	7,37 m
(6.1 m)	lb							*11.270	11.160			*6.690	*6.690	(24' 2")
15'	kg							*5.630	4.860	*4.630	3.280	*3.030	2.940	8,06 m
(4.6 m)	lb							*12.420	10.730	*10.210	7.240	*6.690	6.490	(26' 5")
10'	kg			*12.920	*12.920	*8.270	7.250	*6.480	4.580	5.110	3.150	*3.180	2.620	8,43 m
(3.0 m)	lb			*28.490	*28.490	*18.240	15.990	*14.300	10.100	11.270	6.950	*7.020	5.790	(27' 8")
5'	kg			*7.910	*7.910	*10.070	6.640	7.090	4.290	4.950	3.010	*3.490	2.490	8,51 m
(1.5 m)	lb			*17.460	*17.460	*22.220	14.650	15.650	9.460	10.920	6.630	*7.700	5.500	(27' 11")
ground	kg			*8.800	*8.800	11.040	6.270	6.850	4.070	4.830	2.890	*4.040	2.520	8,30 m
level	lb			*19.420	*19.420	24.340	13.840	15.120	8.990	10.650	6.390	*8.920	5.570	(27' 3")
-5'	kg	*7.710	*7.710	*12.380	12.140	10.800	6.140	6.740	3.970	4.780	2.850	4.620	2.750	7,80 m
(-1.5 m)	lb	*17.010	*17.010	*27.300	26.770	24.000	13.550	14.680	8.770	10.550	6.290	10.190	6.080	(25' 7")
-10'	kg	*11.740	*11.740	*14.740	12.330	*10.250	6.190	6.770	4.000			5.570	3.320	6,92 m
(-3.0 m)	lb	*25.890	*25.890	*32.510	27.190	*22.610	13.650	14.920	8.820			12.290	7.340	(22' 8")
-15'	kg			*11.270	*11.270	*8.010	6.410					*6.320	4.850	5,50 m
(-4.6 m)	lb			*24.850	*24.850	*17.670	14.140					*13.950	10.710	(18' 0")

E215C

DIMENSIONS - 11’ 6” Arm

Lifting capacity diagram

A Reach swing central line up to bucket end
B Bucket end height over/below ground level
C Lifting capacities in pounds and kilograms
• Max. discharge pressure: 5,480 psi (385 kg/cm²)
• Track shoe: 31.5” (800 mm) Triple grousers
• Jib: 18’ 6” (5.65 m)



Lifting capacity

31.5” (800 mm) triple grouser shoe - Based on machine equipped with — Arm: 11’ 6” (3.5 m) Bucket: SAE Heaped capacity 0.92 yd³ (0.70 m³)

		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5’ (1.5 m)		10’ (3.0 m)		15’ (4.6 m)		20’ (6.1 m)		25’ (7.6 m)				
B	C													RADIUS
25’ (7,6 m)	kg											*2.800	*2.800	6,79 m
	lb											*6.190	*6.190	(22’ 3”)
20’ (6,1 m)	kg									*3.250	*3.250	*2.660	*2.660	7,85 m
	lb									*7.170	*7.170	*5.880	*5.880	(25’ 9”)
15’ (4,6 m)	kg							*5.050	4.880	*4.630	*3.270	*2.680	2.630	8,51 m
	lb							*11.150	10.760	*10.210	7.210	*5.910	5.800	(27’ 11”)
10’ (3,0 m)	kg					*7.390	7.340	*5.950	4.570	5.060	3.110	*2.810	2.340	8,85 m
	lb					*16.300	16.190	*13.130	10.090	11.160	6.870	*6.210	5.180	(29’ 0”)
5’ (1,5 m)	kg			*12.330	*12.330	*9.370	6.660	*6.940	4.250	4.880	2.950	*3.090	2.220	8,93 m
	lb			*27.200	*27.200	*20.660	14.690	*15.300	9.380	10.760	6.510	*6.820	4.910	(29’ 3”)
ground level	kg	*4.100	*4.100	*9.850	*9.850	*10.690	6.200	6.750	4.000	4.720	2.810	*3.560	2.240	8,73 m
	lb	*9.040	*9.040	*21.740	*21.740	*23.590	13.670	14.890	8.820	10.420	6.200	*7.870	4.940	(28’ 7”)
-5’ (-1,5 m)	kg	*7.160	*7.160	*12.070	11.820	10.670	5.990	6.590	3.850	4.640	2.730	4.100	2.410	8,25 m
	lb	*15.800	*15.800	*26.620	26.060	23.540	13.210	14.530	8.500	10.230	6.030	9.050	5.320	(27’ 1”)
-10’ (-3,0 m)	kg	*10.470	*10.470	*15.690	11.930	10.590	5.970	6.560	3.830			4.830	2.840	7,43 m
	lb	23.100	23.100	*34.600	26.300	23.360	13.170	14.470	8.440			10.650	6.280	(24’ 4”)
-15’ (-4,6 m)	kg	*14.530	*14.530	*12.850	*12.260	*8.940	6.120	*6.290	3.950			*6.220	3.910	6,13 m
	lb	*32.050	*32.050	*28.340	*27.030	*19.720	13.510	*13.880	8.720			*13.730	8.640	(20’ 1”)
-20’ (-6,1 m)	kg											*6.020	*6.020	3,88 m
	lb											*13.280	*13.280	(12’ 9”)

Notes:

1. Never attempt to lift or hold any load exceeding these radius and load height estimated values. The weight of all accessories should be subtracted from the lifting capacities mentioned above.
2. Lifting capacities are estimated assuming the machine is on a rugged, flat, level and firm surface. The Operator must be aware of certain working conditions, such as uneven or soft ground, grades, side loads, sudden stop of load, dangerous conditions, inexperienced staff, other buckets weight, lifting slings, couplers, etc.
3. Bucket lifting hook classification.
4. The above rated loads are in accordance with SAE J 1097 Hydraulic Excavators Lifting Capacity Standard. They do not exceed 87% hydraulic lifting capacity or 75% float load. Those rated loads marked with an (*) are limited by their hydraulic capacity rather than by their float charge.
5. The Operator must be fully familiar with the Operator´s and Maintenance Manuals before operating the machine. Rules must be complied with at all times for a safe operation.
6. Capacities will be applied only to this machine as it was originally manufactured and equipped by KOBELCO Construction Machinery America LLC.

Lifting capacity

27.6" (700 mm) triple grouser shoe - Based on machines equipped with — Arm: 11' 6" (3.5 m) Bucket: SAE Heaped capacity 0.92 yd³ (0.70 m³)

		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)				
B	C													RADIUS
25'	kg											*2.800	*2.800	6,79 m
(7.6 m)	lb											*6.190	*6.190	(22' 3")
20'	kg									*3.250	*3.250	*2.660	*2.660	7,85 m
(6.1 m)	lb									*7.170	*7.170	*5.880	*5.880	(25' 9")
15'	kg							*5.050	4.820	*4.630	3.220	*2.680	2.590	8,51 m
(4.6 m)	lb							*11.150	10.640	*10.210	7.110	*5.910	5.720	(27' 11")
10'	kg					*7.390	7.260	*5.950	4.520	4.990	3.070	*2.810	2.310	8,85 m
(3.0 m)	lb					*16.300	16.010	*13.130	9.970	11.010	6.780	*6.210	5.100	(29' 0")
5'	kg			*12.330	*12.330	*9.370	6.580	*6.940	4.190	4.810	2.900	*3.090	2.190	8,93 m
(1.5 m)	lb			*27.200	*27.200	*20.660	14.510	*15.300	9.260	10.610	6.410	*6.820	4.830	(29' 3")
ground	kg	*4.100	*4.100	*9.850	*9.850	*10.690	6.110	6.660	3.940	4.660	2.760	*3.560	2.190	8,73 m
level	lb	*9.040	*9.040	*21.740	*21.740	*23.590	13.490	14.690	8.690	10.270	6.100	*7.870	4.850	(28' 7")
-5'	kg	*7.160	*7.160	*12.070	11.660	10.530	5.900	6.490	3.790	4.570	2.690	4.040	2.370	8,25 m
(-1.5 m)	lb	*15.800	*15.800	*26.620	25.720	23.220	13.020	14.320	8.370	10.080	5.930	8.910	5.230	(27' 1")
-10'	kg	*10.470	*10.470	*15.690	11.770	*10.510	5.890	6.470	3.770			4.760	2.800	7,43 m
(-3.0 m)	lb	23.100	23.100	*34.600	25.960	*23.170	12.990	14.270	8.320			10.500	6.180	(24' 4")
-15'	kg	*14.530	*14.530	*12.850	*12.100	*8.940	6.040	*6.290	3.900			*6.220	3.860	6,13 m
(-4.6 m)	lb	*32.050	*32.050	*28.340	*26.690	*19.720	13.320	*13.880	8.600			*13.730	8.520	(20' 1")
-20'	kg											*6.020	*6.020	3,88 m
(-6.1 m)	lb											*13.280	*13.280	(12' 9")

35.4" (900 mm) triple grouser shoe - Based on machines equipped with — Arm: 11' 6" (3.5 m) Bucket: SAE Heaped capacity 0.92 yd³ (0.70 m³)

		LIFT POINT RADIUS										AT MAXIMUM REACH		
	A	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)				
B	C													RADIUS
25'	kg											*2.800	*2.800	6,79 m
(7,6 m)	lb											*6.190	*6.190	(22' 3")
20'	kg									*3.250	*3.250	*2.660	*2.660	7,85 m
(6,1 m)	lb									*7.170	*7.170	*5.880	*5.880	(25' 9")
15'	kg							*5.050	4.930	*4.630	3.300	*2.680	2.660	8,51 m
(4,6 m)	lb							*11.150	10.880	*10.210	7.290	*5.910	5.870	(27' 11")
10'	kg					*7.390	7.390	*5.950	4.620	5.120	3.150	*2.810	2.380	8,85 m
(3,0 m)	lb					*16.300	16.300	*13.130	10.200	11.300	6.960	*6.210	5.250	(29' 0")
5'	kg			*12.330	*12.330	*9.370	6.740	*6.940	4.300	4.940	2.990	*3.090	2.250	8,93 m
(1,5 m)	lb			*27.200	*27.200	*20.660	14.860	*15.300	9.490	10.890	6.590	*6.820	4.980	(29' 3")
ground	kg	*4.100	*4.100	*9.850	*9.850	*10.690	6.270	6.830	4.050	4.780	2.850	*3.560	2.270	8,73 m
level	lb	*9.040	*9.040	*21.740	*21.740	*23.590	13.830	15.070	8.930	10.560	6.280	*7.870	5.010	(28' 7")
-5'	kg	*7.160	*7.160	*12.070	11.950	10.800	6.060	6.670	3.900	4.700	2.770	4.150	2.440	8,25 m
(-1,5 m)	lb	*15.800	*15.800	*26.620	26.360	23.820	13.370	14.710	8.610	10.370	6.110	9.170	5.400	(27' 1")
-10'	kg	*10.470	*10.470	*15.690	12.060	10.590	6.040	6.640	3.880			4.890	2.880	7,43 m
(-3,0 m)	lb	23.100	23.100	*34.600	26.600	23.360	13.330	14.650	8.550			10.790	6.370	(24' 4")
-15'	kg	*14.530	*14.530	*12.850	*12.390	*8.940	6.200	*6.290	4.000			*6.220	3.960	6,13 m
(-4,6 m)	lb	*32.050	*32.050	*28.340	*27.3300	*19.720	13.670	*13.880	8.840			*13.730	8.750	(20' 1")
-20'	kg											*6.020	*6.020	3,88 m
(-6,1 m)	lb											*13.280	*13.280	(12' 9")

E215C

STANDARD EQUIPMENT

- Engine Tier 3, 6 cylinders and 6.7 liters
- Hydrotronic Active Operation Aid (H.A.O.A.)
- Continuous Power Boost (C.P.B)
- Automatic idle device
- I Track guide on each side
- Two-speed shifting with automatic shift down device
- Toolbox
- Centralized boom lubrication
- Gyrating ring in grease bath
- Rear-view mirror
- Two reflectors in lifting boom
- Clear cabin roof and front window opening
- Mechanical suspension seat
- Adjustable armrests
- Cutting edge Advanced Electronic Processor (A.E.P.)
- Multifunction control monitor with built-in rear view camera, mode and accessories selector, refrigerant temperature and fuel tank gauges. Maintenance schedule and system status menu functions. Automatic idle mode selector.
- Automatic air conditioner
- Pressure drain switch
- Horn

OPTIONS

- Antitheft device
- Rotating beacon
- Additional cabin lights and rain protection
- Cabin front protection
- Lower frame cover
- Arm protection
- Additional front and rear track guiding
- Hydraulic quick coupler
- Object handling kit
- Customer's choice color
- Automatic electrical fuel pump
- Rear view camera
- Radio including USB, Bluetooth and speakers
- Certified ISO 12177-2 (ROPS) and ISO 10262 (FOPS) framed cabin
- Heated air-suspended seat
- Crusher and hammer circuit with control pedal
- Crusher and hammer circuit Hydraulic Proportional Control (HPC)
- Crusher, hammer and extra circuit (proportional hydraulic control)
- One-piece triple link boom (2-piece boom)
- Arm: 2940 3500
- Extra-long front boom and 15 m arm (LC only) Shoe: 700 mm - 900 mm

Note: Standard and optional equipment may vary by country. Consult your NEW HOLLAND dealer for specific details.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PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers.

New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines.

The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.

AT YOUR OWN DEALERSHIP

NC-EC215-I01 - 03/2014

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