

E215C

TIER 3



| | E215C | E215C LR |
|----------------------|---|---------------------|
| ENGINE POWER | 118 kW - 160 hp | |
| MAX OPERATING WEIGHT | 23160 Kg | 23700 Kg |
| BUCKET CAPACITY | 0.52 m ³ - 1.31 m ³ | 0.45 m ³ |



BUILT AROUND YOU

AS LONG AS WE KEEP BUILDING ROADS, THERE

**10% MORE
PRODUCTIVITY**

**10% MORE
FUEL SAVINGS**



E WILL ALWAYS BE A JOURNEY TO UNDERTAKE

**EVOLUTION
IN COMFORT
AND SAFETY**

**BUILT-IN
SERVICEABILITY
AND RELIABILITY**



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.



WLER 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 two versions (L, and 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 lighter 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 re-pumping 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-efficiency hydraulics supply high flow at low rpm, maximizing fuel efficiency. In addition, the Hydrotronic 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 per cent pump utilization in all applications. The result: maximum controllability, speed and power combined with minimum fuel consumption.

**-10%
FUEL**



OPTIMIZE EFFICIENCY WITH 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' efficiency.

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.

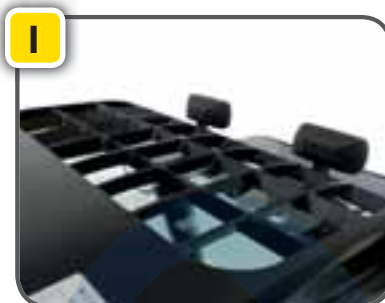


EVOLUTION IN SAFETY

The optional available 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



EXCELLENT ALL-ROUND VISIBILITY

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



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 one-touch 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 if installed. The operator can set service interval reminders for engine oil, hydraulic oil, 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.



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.







SPECIFICATIONS



ENGINE TIER 3

Make and model FPT F4GE9684E
 Engine Power (ISO 14396/ECE R120) 118 kW/160 hp (2000 rpm)
 Maximum torque 665 Nm (1200 rpm)
 Type Water-cooled, direct injection
 type diesel engine with intercooler turbo-charger
 Displacement 6.7 l
 N. of cylinders 6
 Bore x stroke 104 x 132 mm
Remote engine oil filter for easy replacement
Electronic engine rpm control, dial type
Auto-Idling selector returns engine to minimum rpm when all controls are in neutral position
Outside temperature start as standard equipment:
 Hot climate (AME) version -25°/+45°
 Cold climate (CIS) version -30°/+40°
 The engine complies with 97/68/EC Stage 3A (Tier3)



ELECTRICAL SYSTEM

Voltage / Alternator 24V / 70 A
 Starter motor 4 kW
 Maintenance-free batteries 2 x 12V / 160 Ah



TRANSMISSION

Type hydrostatic, two-speed, Automatic DownShift
 Travel motors axial piston type, double displacement
 Brakes automatic discs type
 Final drive oil bath, planetary reduction
 Gradeability 70% (35°)
 Travel speeds: low 0 - 3.7 km/h / high 0 - 5.7 km/h
 Drawbar pull 222 kN



UNDERCARRIAGE

X-frame undercarriage design
 Reinforced track chain with sealed bushing

| | E215C L | E215C LC |
|--------------------------------|----------------------------------|----------|
| Track rollers (each side) | 8 | 8 |
| Carrier rollers (each side) | 2 | 2 |
| Length of track on ground (mm) | 3660 | 3660 |
| Gauge (mm) | 2200 | 2390 |
| Shoes (mm) | 600-700 | 600-700 |
| | 800-900 | 800-900 |
| Shoe type | Tractor type triple grouser shoe | |
| No. for each side | 49 | |
| Height of grouser shoe | 26 mm | |



HYDRAULIC SYSTEM

High capacity double pumps with electronic delivery adjustment.
 Variable displacement pistons pumps revert in neutral automatically to zero. Main Control Valve with Fail Safe Function and Anti drift valve.
 H.A.O.A. (Hydrotronic Active Operation Aid)

E.S.S.C. (Engine Speed Sensing Control)
 D.O.C. (Dipperstick Optimized Control)
 C.P.B. (Continuous Power Boost)
 New generation A.E.P. (Advanced Electronic Processor)

3 working Modes

H Mode - Heavy duty excavation work
 S Mode - Standard digging and loading work
 E Mode - Fuel Economy

Attachments Modes

Breaker (One-way hydraulic flow)
 Nibbler (Two-way hydraulic flow)
 Attachments flow and pressure setting from cab, 20 presets storage

Hydraulic pump

Max flow at rated engine speed 2 x 220 l/min
 Piloting circuit gear type pump max 20 l/min

Directional control valves

Type 8-spool valve

System Pressures

Boom, Arm & Bucket 34.3 MPa
 with Power Boost 37.8 MPa
 Travel 34.3 MPa
 Swing 28 MPa
 Pilot control Circuit 5 MPa



CAPACITIES

Engine oil 17 l
 Fuel tank 320 l
 Hydraulic system (incl. 167 l tank) 255 l
 Cooling system 24 l



SWING

Swing motor axial piston type
 Swing brake hydraulic brake
 Swing speed 0-12.8 rpm



CAB AND CONTROLS

Operator's cab

Structure Fully enclosed steel structure
 EVO operator cab evolution in comfort and opt. the safety cab
 compliant to ROPS (ISO 12117-2)
 and FOPS (ISO 10262 level II) standards

Rear camera optional
 Monitor integrated multi-function control monitor with integrated
 rear view camera display (if option selected)

Operator's seat

Operator's seat Adjustable and reclining device

Operation

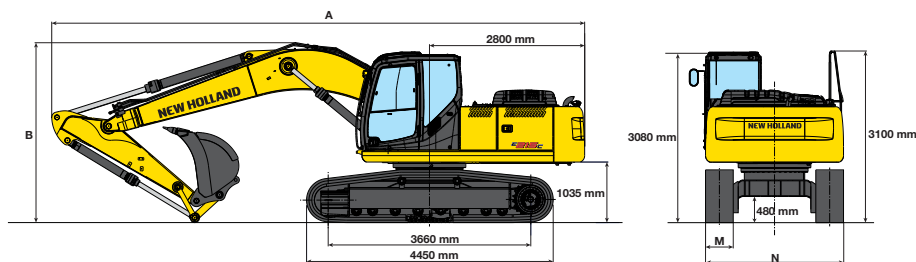
Travel Two hand levers or two foot pedals for
 forward and backward operations of each track independently
 Excavating and swing Two hand levers for four operations

Sound Level

External guaranteed sound level
 (EU Directive 2000/14/EC) LwA 102 dB(A)
 Operator cab sound pressure level (ISO 6396) LpA 69 dB(A)

DIMENSIONS - MONOBOOM

Boom lenght 5.65 m



L / LCVERSION

| ARM | | 2080 | 2400 | 2940 | 3500 |
|---------------------------------------|----|------|------|------|------|
| A - Overall length | mm | 9620 | 9580 | 9500 | 9570 |
| B - Boom height in transport position | mm | 3250 | 3150 | 2970 | 3160 |
| Overall height | mm | 3250 | 3150 | 3100 | 3160 |

OPERATING WEIGHT - MONOBOOM

| | | L VERSION | | | | LC VERSION | | | |
|-------------------|----|-----------|-------|-------|-------|------------|-------|-------|-------|
| M - Shoe width | mm | 600 | 700 | 800 | 900 | 600 | 700 | 800 | 900 |
| N - Maximum width | mm | 2800 | 2900 | 3000 | 3100 | 2990 | 3090 | 3190 | 3290 |
| Operating weight* | mm | 21340 | 21620 | 21910 | 22170 | 21400 | 21670 | 21960 | 22230 |
| Ground pressure* | mm | 0.48 | 0.41 | 0.37 | 0.33 | 0.48 | 0.42 | 0.37 | 0.33 |

* 2400 mm arm

DIGGING PERFORMANCE

| ARM | | 2080 | 2400 | 2940 | 3500 |
|--|----|------|------|------|-------|
| A - Max. digging reach | mm | 9160 | 9430 | 9910 | 10350 |
| B - Max. digging reach at ground level | mm | 8970 | 9240 | 9730 | 10170 |
| C - Max. digging depth | mm | 5740 | 6070 | 6610 | 7170 |
| C' - 2,4 mt level digging depth | mm | 5530 | 5870 | 6430 | 7000 |
| D - Max. digging height | mm | 9420 | 9500 | 9710 | 9740 |
| E - Max. dumping clearance | mm | 6610 | 6700 | 6930 | 7170 |
| F - Min. swing radius | mm | 3670 | 3550 | 3530 | 3470 |

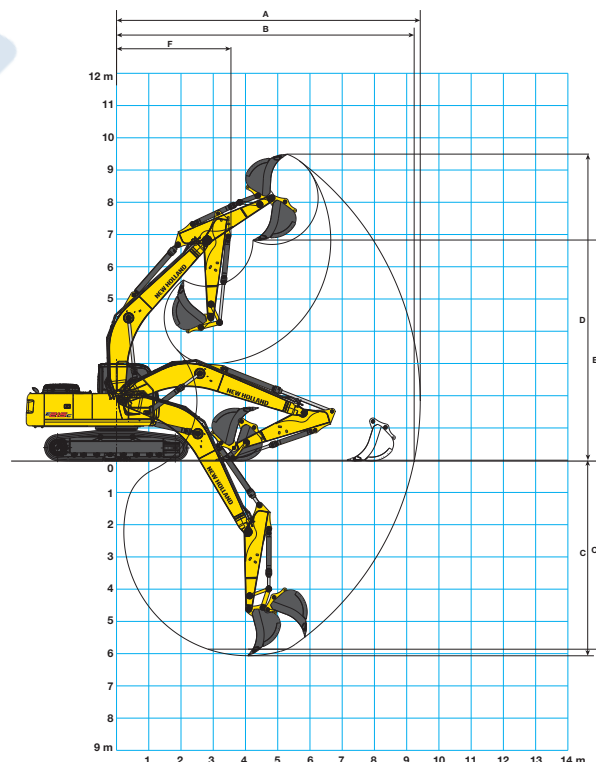
BREAKOUT FORCE

| ARM | | 2080 | 2400 | 2940 | 3500 |
|-------------|-----|-------|-------|-------|-------|
| Bucket | daN | 15500 | 15500 | 15500 | 15500 |
| Dipperstick | daN | 15200 | 13150 | 10900 | 9000 |

WITH "POWER BOOST" ON

| ARM | | 2080 | 2400 | 2940 | 3500 |
|-------------|-----|-------|-------|-------|-------|
| Bucket | daN | 16900 | 16900 | 16900 | 16900 |
| Dipperstick | daN | 16500 | 14250 | 11800 | 9800 |

| BUCKETS | | | E215C | | | | E215C LC | | | |
|------------|---|-------------|--------|------|------|------|----------|------|------|------|
| Width (mm) | Capacity m ³ SAE J296 (ISO 7451) | Weight (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

LIFTING CAPACITY L VERSION

MONO BOOM - DIPPERSTICK 2080 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | REACH m |
|--------|----------------|------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | |
| +7.5 m | | | | | | | | | | | 6.4* | 6.4 | 5.12 | |
| +6.0 m | | | | | | | 6.2* | 5.4 | | | 6.2* | 4.9 | 6.42 | |
| +4.5 m | | | 10.9* | 10.9 | 7.8* | 7.8 | 6.6* | 5.3 | | | 6.1* | 4.1 | 7.19 | |
| +3.0 m | | | | | 9.5* | 7.4 | 7.3* | 5.0 | 6.0 | 3.6 | 5.9 | 3.7 | 7.58 | |
| +1.5 m | | | | | 10.7* | 6.9 | 7.9* | 4.8 | 5.8 | 3.6 | 5.7 | 3.5 | 7.65 | |
| 0 m | | | | | 11.0* | 6.7 | 7.8 | 4.7 | | | 5.9 | 3.6 | 7.43 | |
| -1.5 m | | | 13.5* | 12.5 | 10.5* | 6.7 | 7.8 | 4.6 | | | 6.5 | 4.0 | 6.87 | |
| -3.0 m | | | 11.9* | 11.9* | 9.1* | 6.8 | | | | | 6.9* | 4.9 | 5.88 | |
| -4.5 m | | | | | | | | | | | 6.3* | 6.3* | 4.15 | |

MONO BOOM - DIPPERSTICK 2940 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | | REACH m |
|--------|----------------|-------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|--|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | | |
| +7.5 m | | | | | | | 4.2* | 4.2* | | | 3.5* | 3.5* | 6.27 | | |
| +6.0 m | | | | | | | 5.3* | 5.3* | | | 3.4* | 3.4* | 7.36 | | |
| +4.5 m | | | | | | | 5.8* | 5.4 | 5.1* | 3.9 | 3.4* | 3.4* | 8.04 | | |
| +3.0 m | | | 12.9* | 12.9* | 8.3* | 7.6 | 6.6* | 5.1 | 5.7* | 3.7 | 3.5* | 3.2 | 8.39 | | |
| +1.5 m | | | 7.1* | 7.1* | 9.9* | 7.1 | 7.4* | 4.8 | 5.8 | 3.6 | 3.8* | 3.1 | 8.46 | | |
| 0 m | | | 8.3* | 8.3* | 10.8* | 6.7 | 7.8 | 4.6 | 5.7 | 3.5 | 4.4* | 3.1 | 8.25 | | |
| -1.5 m | 7.7* | 7.7* | 11.7* | 11.7* | 10.8* | 6.6 | 7.7 | 4.5 | 5.7 | 3.5 | 5.3* | 3.3 | 7.75 | | |
| -3.0 m | 11.3* | 11.3* | 14.1* | 12.4 | 10.0* | 6.7 | 7.5 | 4.6 | | | 6.3* | 3.9 | 6.9 | | |
| -4.5 m | | | 11.0* | 11.0 | 8.0* | 6.9 | | | | | 6.4* | 5.3 | 5.51 | | |

LC VERSION

MONO BOOM - DIPPERSTICK 2080 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | REACH m |
|--------|----------------|------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | |
| +7.5 m | | | | | | | | | | | 6.4* | 6.4* | 5.12 |
| +6.0 m | | | | | | | 6.2* | 5.8 | | | 6.2* | 5.2 | 6.42 |
| +4.5 m | | | 10.9* | 10.9* | 7.8* | 7.8* | 6.6* | 5.6 | | | 6.1* | 4.3 | 7.19 |
| +3.0 m | | | | | 9.5* | 7.9 | 7.3* | 5.4 | 6.0 | 4.0 | 5.9 | 3.9 | 7.58 |
| +1.5 m | | | | | 10.7* | 7.5 | 7.9* | 5.1 | 5.9 | 3.9 | 5.7 | 3.8 | 7.65 |
| 0 m | | | | | 11.0* | 7.3 | 7.9 | 5.0 | | | 5.9 | 3.9 | 7.43 |
| -1.5 m | | | 13.5* | 13.5* | 10.5* | 7.3 | 7.8 | 5.0 | | | 6.5 | 4.2 | 6.87 |
| -3.0 m | | | 11.9* | 11.9* | 9.1* | 7.4 | | | | | 6.9* | 5.2 | 5.88 |
| -4.5 m | | | | | | | | | | | 6.3* | 6.3* | 4.15 |

MONO BOOM - DIPPERSTICK 2940 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | | REACH m |
|--------|----------------|-------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|--|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | | |
| +7.5 m | | | | | | | 4.2* | 4.2* | | | 3.5* | 3.5* | 6.27 | | |
| +6.0 m | | | | | | | 5.3* | 5.3* | | | 3.4* | 3.4* | 7.36 | | |
| +4.5 m | | | | | | | 5.8* | 5.7 | 5.1* | 4.1 | 3.4* | 3.4* | 8.04 | | |
| +3.0 m | | | 12.9* | 12.9* | 8.3* | 8.2 | 6.6* | 5.5 | 5.7* | 4.0 | 3.5* | 3.4 | 8.39 | | |
| +1.5 m | | | 7.1* | 7.1* | 9.9* | 7.6 | 7.4* | 5.2 | 5.8 | 3.9 | 3.8* | 3.3 | 8.46 | | |
| 0 m | | | 8.3* | 8.3* | 10.8* | 7.3 | 7.8 | 5.0 | 5.7 | 3.8 | 4.4* | 3.3 | 8.25 | | |
| -1.5 m | 7.7* | 7.7* | 11.7* | 11.7* | 10.8* | 7.2 | 7.7 | 4.9 | 5.7 | 3.7 | 5.3* | 3.6 | 7.75 | | |
| -3.0 m | 11.3* | 11.3* | 14.1* | 13.7* | 10.0* | 7.2 | 7.5 | 4.9 | | | 6.3* | 4.2 | 6.9 | | |
| -4.5 m | | | 11.0* | 11.0* | 8.0* | 7.4 | | | | | 6.4* | 5.7 | 5.51 | | |

MONO BOOM - DIPPERSTICK 2400 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | |
|--------|----------------|-------|-------|------|-------|------|-------|------|-------|------|---------------|------|------------|--|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | REACH m | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | |
| +7.5 m | | | | | | | | | | | 4.9* | 4.9* | 5.59 | |
| +6.0 m | | | | | | | 5.8* | 5.5 | | | 4.7* | 4.5 | 6.8 | |
| +4.5 m | | | | | 7.3* | 7.3 | 6.2* | 5.3 | 4.9* | 3.8 | 4.7* | 3.8 | 7.52 | |
| +3.0 m | | | | | 8.9* | 7.4 | 6.9* | 5.0 | 5.9 | 3.7 | 5.0 | 3.4 | 7.9 | |
| +1.5 m | | | | | 10.3* | 6.9 | 7.6* | 4.8 | 5.8 | 3.6 | 5.3 | 3.3 | 7.97 | |
| 0 m | | | 7.6* | 7.6 | 10.9* | 6.6 | 7.8 | 4.6 | 5.7 | 3.5 | 5.5 | 3.4 | 7.76 | |
| -1.5 m | 8.6* | 8.6* | 12.7* | 12.2 | 10.6* | 6.6 | 7.7 | 4.5 | | | 6.0 | 3.6 | 7.22 | |
| -3.0 m | 13.4* | 13.4* | 12.8* | 12.5 | 9.5* | 6.7 | 7.0* | 4.6 | | | 6.6 | 4.4 | 6.29 | |
| -4.5 m | | | 9.1* | 9.1* | 6.8* | 6.8* | | | | | 6.4 | 6.4* | 4.72 | |

MONO BOOM - DIPPERSTICK 3500 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | REACH m |
|--------|----------------|-------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | |
| +7.5 m | | | | | | | | | | | 3.1* | 3.1* | 6.82 | |
| +6.0 m | | | | | | | | | 3.7* | 3.7* | 3.0* | 3.0* | 7.84 | |
| +4.5 m | | | | | | | 5.2* | 5.2* | 4.9* | 3.8 | 3.0* | 3.0* | 8.47 | |
| +3.0 m | | | 10.8* | 10.8* | 7.4* | 7.4* | 6.0* | 5.1 | 5.3* | 3.7 | 3.1* | 2.9 | 8.81 | |
| +1.5 m | | | 10.7* | 10.7* | 9.2* | 7.1 | 6.9* | 4.8 | 5.7 | 3.5 | 3.4* | 2.8 | 8.87 | |
| 0 m | 4.2* | 4.2* | 9.2* | 9.2* | 10.4* | 6.6 | 7.6* | 4.5 | 5.5 | 3.4 | 3.8* | 2.8 | 8.68 | |
| -1.5 m | 7.0* | 7.0* | 11.3* | 11.3* | 10.7* | 6.5 | 7.6 | 4.4 | 5.5 | 3.3 | 4.6* | 3.0 | 8.21 | |
| -3.0 m | 10.0* | 10.0* | 14.9* | 12.1 | 10.3* | 6.4 | 7.5 | 4.4 | | | 5.6 | 3.4 | 7.4 | |
| -4.5 m | 13.7* | 13.7* | 12.4* | 12.3 | 8.8* | 6.6 | 6.4* | 4.5 | | | 6.2* | 4.4 | 6.13 | |

MONO BOOM - DIPPERSTICK 2400 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | REACH m |
|--------|----------------|-------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | |
| +7.5 m | | | | | | | | | | | 4.9* | 4.9* | 5.59 | |
| +6.0 m | | | | | | | 5.8* | 5.8* | | | 4.7* | 4.7* | 6.8 | |
| +4.5 m | | | | | 7.3* | 7.3* | 6.2* | 5.6 | 4.9* | 4.1 | 4.7* | 4.0 | 7.52 | |
| +3.0 m | | | | | 8.9* | 8.0 | 6.9* | 5.4 | 5.9 | 3.9 | 5.0* | 3.7 | 7.9 | |
| +1.5 m | | | | | 10.3* | 7.5 | 7.6* | 5.1 | 5.8 | 3.8 | 5.3 | 3.5 | 7.97 | |
| 0 m | | | 7.6* | 7.6* | 10.9* | 7.2 | 7.8 | 4.9 | 5.7 | 3.7 | 5.5 | 3.6 | 7.76 | |
| -1.5 m | 8.6* | 8.6* | 12.7* | 12.7* | 10.6* | 7.1 | 7.7 | 4.9 | | | 6.0 | 3.9 | 7.22 | |
| -3.0 m | 13.4* | 13.4* | 12.8* | 12.8* | 9.5* | 7.3 | 7.0* | 5.0 | | | 6.6* | 4.7 | 6.29 | |
| -4.5 m | | | 9.1* | 9.1* | 6.8* | 6.8* | | | | | 6.4* | 6.4* | 4.72 | |

MONO BOOM - DIPPERSTICK 3500 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | | REACH m |
|--------|----------------|-------|-------|-------|-------|------|-------|------|-------|------|---------------|------|------|--|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | AT MAX. REACH | | | | |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | | | |
| +7.5 m | | | | | | | | | | | 3.1* | 3.1* | 6.82 | | |
| +6.0 m | | | | | | | | | 3.7* | 3.7* | 3.0* | 3.0* | 7.84 | | |
| +4.5 m | | | | | | | 5.2* | 5.2* | 4.9* | 4.1 | 3.0* | 3.0* | 8.47 | | |
| +3.0 m | | | 10.8* | 10.8* | 7.4* | 7.4* | 6.0* | 5.4 | 5.3* | 3.9 | 3.1* | 3.1* | 8.81 | | |
| +1.5 m | | | 10.7* | 10.7* | 9.2* | 7.6 | 6.9* | 5.1 | 5.8* | 3.8 | 3.4* | 3.0 | 8.87 | | |
| 0 m | 4.2* | 4.2* | 9.2* | 9.2* | 10.4* | 7.2 | 7.6* | 4.9 | 5.6 | 3.6 | 3.8* | 3.0 | 8.68 | | |
| -1.5 m | 7.0* | 7.0* | 11.3* | 11.3* | 10.7* | 7.0 | 7.6 | 4.7 | 5.5 | 3.6 | 4.6* | 3.2 | 8.21 | | |
| -3.0 m | 10.0* | 10.0* | 14.9* | 13.4 | 10.3* | 7.0 | 7.6 | 4.7 | | | 5.7* | 3.6 | 7.4 | | |
| -4.5 m | 13.7* | 13.7* | 12.4* | 12.4* | 8.8* | 7.1 | 6.4 | 4.8 | | | 6.2* | 4.7 | 6.13 | | |

All the lift capacity values are in tonnes and without bucket

As per ISO 10567 the indicated load is no more than 87% of hydraulic system lifting capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

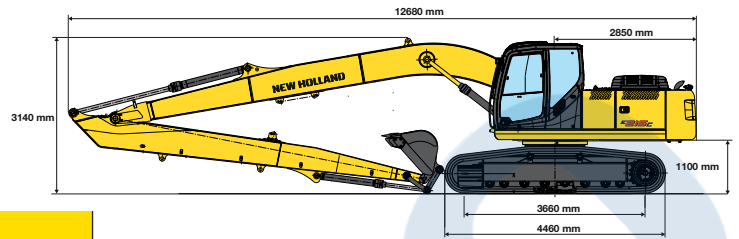
E215C LONG REACH

DIMENSIONS AND OPERATING WEIGHTS

Boom length 8.75 m

| Long Reach | | | |
|--------------------------|----|-------|--|
| Overall transport height | mm | 3140 | |
| Overall transport length | mm | 12680 | |

| Long Reach | | | | | |
|------------------|-----|-------|-------|-------|-------|
| M - Shoe width | mm | 600 | 700 | 800 | 900 |
| Operating weight | kg | 22860 | 23130 | 23400 | 23700 |
| Ground pressure | bar | 0.51 | 0.44 | 0.39 | 0.35 |

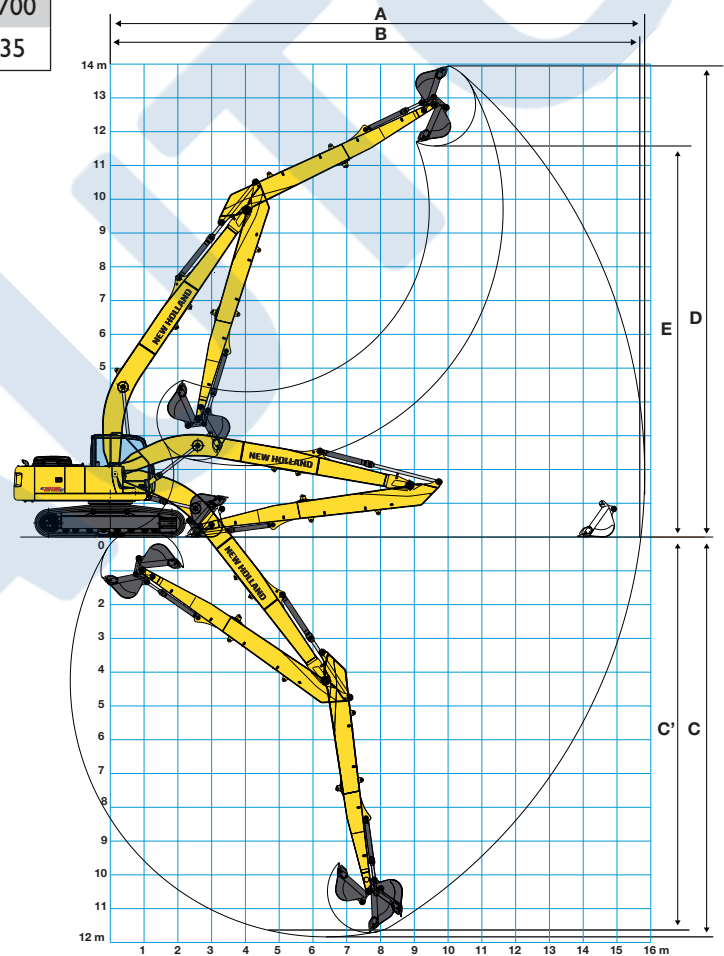


DIGGING PERFORMANCE

| ARM | | 6350 |
|--|----------------|-------|
| A - Max. digging reach | mm | 15820 |
| B - Max. digging reach at ground level | mm | 15710 |
| C - Max. digging depth | mm | 11870 |
| C' - 2,4 mt level digging depth | mm | 11660 |
| D - Max. digging height | mm | 13930 |
| E - Max. dumping clearance | mm | 11550 |
| Bucket capacity SAE heaped | m ³ | 0.45 |

BREAKOUT FORCE

| ARM | | 6350 |
|-------------|-----|-------|
| Bucket | daN | 10100 |
| Dipperstick | daN | 5600 |



LIFTING CAPACITY

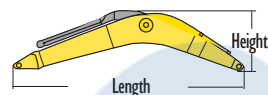
LC VERSION - DIPPERSTICK 6350 mm

| HEIGHT | RADIUS OF LOAD | | | | | | | | | | | | | | | | | | | | |
|---------|----------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|------|--------|------|--------------|------|------------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | | 12.0 m | | 13.5 m | | AT MAX REACH | | REACH m |
| | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | FRONT | SIDE | |
| +12.0 m | | | | | | | | | | | | | 1.2* | 1.2* | | | | | 1.0* | 1.0* | 10.77 |
| +10.5 m | | | | | | | | | | | | | | | 1.0* | 1.0* | | | 0.9* | 0.9* | 12.02 |
| +9.0 m | | | | | | | | | | | | | | | 1.6* | 1.6* | | | 0.9* | 0.9* | 12.98 |
| +7.5 m | | | | | | | | | | | | | | | 2.0* | 2.0* | 1.1* | 1.1* | 0.9* | 0.9* | 13.7 |
| +6.0 m | | | | | | | | | | | | | 2.4* | 2.4* | 2.3* | 2.1 | 1.6* | 1.6* | 0.9* | 0.9* | 14.23 |
| +4.5 m | | | | | | | | | | | 2.8* | 2.8* | 2.6* | 2.5 | 2.4* | 2.0 | 1.9* | 1.6 | 0.9* | 0.9* | 14.59 |
| +3.0 m | | | | | | | 4.4* | 4.4* | 3.6* | 3.6* | 3.1* | 3.1 | 2.8* | 2.4 | 2.5* | 1.9 | 2.2* | 1.5 | 0.9* | 0.9* | 14.78 |
| +1.5 m | | | 3.2* | 3.2* | 7.3* | 7.3* | 5.2* | 5.0 | 4.1* | 3.7 | 3.4* | 2.8 | 3.0* | 2.2 | 2.7* | 1.8 | 2.3 | 1.4 | 1.0* | 1.0* | 14.82 |
| 0 m | | | 2.8* | 2.8* | 6.5* | 6.5 | 5.9* | 4.5 | 4.5* | 3.3 | 3.7* | 2.6 | 3.2* | 2.1 | 2.7 | 1.7 | 2.3 | 1.4 | 1.0* | 1.0* | 14.71 |
| -1.5 m | 2.4* | 2.4* | 3.4* | 3.4* | 5.9* | 5.9* | 6.3* | 4.1 | 4.8* | 3.1 | 3.9* | 2.4 | 3.2 | 1.9 | 2.6 | 1.6 | 2.2 | 1.3 | 1.1* | 1.1* | 14.44 |
| -3.0 m | 3.2* | 3.2* | 4.1* | 4.1* | 6.3* | 5.8 | 6.4* | 3.9 | 5.0 | 2.9 | 3.9 | 2.3 | 3.1 | 1.8 | 2.6 | 1.5 | 2.2* | 1.3 | 1.3* | 1.2 | 14.0 |
| -4.5 m | 4.1* | 4.1* | 5.0* | 5.0* | 7.1* | 5.8 | 6.4* | 3.8 | 4.9 | 2.8 | 3.8 | 2.2 | 3.1 | 1.8 | 2.6 | 1.5 | | | 1.5* | 1.3 | 13.38 |
| -6.0 m | 5.0* | 5.0* | 6.1* | 6.1* | 8.0* | 5.9 | 6.1* | 3.9 | 4.8* | 2.8 | 3.8 | 2.2 | 3.1 | 1.8 | 2.6 | 1.5 | | | 1.7* | 1.4 | 12.54 |
| -7.5 m | 6.0* | 6.0* | 7.3* | 7.3* | 7.2* | 6.1 | 5.6* | 3.9 | 4.5* | 2.9 | 3.6* | 2.2 | 3.0* | 1.8 | | | | | 2.2* | 1.7 | 11.45 |
| -9.0 m | | | 8.1* | 8.1* | 6.0* | 6.0* | 4.8* | 4.1 | 3.8* | 3.0 | 3.0* | 2.4 | | | | | | | 2.5* | 2.1 | 10.0 |
| -10.5 m | | | | | 4.3* | 4.3* | 3.4* | 3.4* | 2.7* | 2.7* | | | | | | | | | 2.4* | 2.4* | 8.06 |

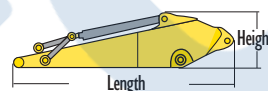
E215C

COMPONENT WEIGHTS & DIMENSIONS

| E215C BOOM | | |
|------------|----|------|
| Length | mm | 5860 |
| Height | mm | 1450 |
| Width | mm | 670 |
| Weight | kg | 1566 |



| E215C ARM | | 2100 | 2400 | 2940 | 3500 |
|-----------|----|------|------|------|------|
| Length | mm | 3080 | 3410 | 3940 | 4540 |
| Height | mm | 880 | 870 | 870 | 870 |
| Width | mm | 350 | 350 | 350 | 350 |
| Weight | kg | 718 | 727 | 823 | 999 |



| E215C LONG REACH | | MONO BOOM | ARM |
|------------------|----|-----------|------|
| Length | mm | 8960 | 7370 |
| Height | mm | 1490 | 820 |
| Width | mm | 670 | 350 |
| Weight | kg | 2196 | 1189 |

Includes arm and bucket cylinders linkage, piping & pin.

| | | E215C | E215C LR |
|---------------|----|-------|----------|
| Counterweight | kg | 4900 | 5900 |



STANDARD EQUIPMENT

- Tier 3 Engine 6 cylinders 6.7 liters
- H.A. O.A. (Hydrotronic active operation aid)
- C.P.B. (Continuous Power Boost)
- Auto-Idling device
- 1 track guide for each side
- Two travel speed with Automatic Down Shift device
- Tool box
- Centralized boom lubrication
- Grease bath swing ring
- Rear mirror
- Two spot lights on lifting boom
- Transparent cab roof and opening front window
- Mechanical seat suspension
- Adjustable armrests
- New generation A.E.P. (Advanced Electronic Processor)
- Multi-function control monitor with integrated rearview camera, mode and attachments selection, gauges for coolant temperature, fuel tank. Menu functions for maintenance schedules, system status. Auto-Idling mode selector.
- Automatic air conditioner
- Pressure drain switch
- Horn

OPTIONS

- Antitheft device
- Rotating beacon
- Cab additional lights and rain protection
- Cab front guard
- Lower frame cover
- Arm protection
- Front and rear additional track guide
- Hydraulic quick coupler provision
- Object handling kit
- Customer color
- Automatic fuel electrical pump
- Rear view camera
- Radio USB&Bluetooth with speakers set
- Cab with structures compliant per ISO 12177-2 (ROPS) and ISO 10262 (FOPS)
- Heated air suspension seat
- Hammer and crusher circuit with foot control
- Hammer and crusher circuit HPC (Hydraulic Proportional Control)
- Hammer, crusher and extra circuit (Hydraulic Proportional Control)
- One piece boom, triple articulation (2 piece boom)
- Arm :
 - 2080
 - 2400
 - 2940
 - 3500
- Super Long Front boom and arm 15 m (LC only)
 - L version 600 - 700 - 800 - 900 mm
 - LC version 600 - 700 - 800 - 900 mm

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

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