

# E265c E305c



	E265C	E305C
ENGINE POWER	142 kW - 191 hp	152 kW - 204 hp
MAX OPERATING WEIGHT	27940 Kg	31870 Kg
BUCKET CAPACITY	0.58 - 1.40 m <sup>3</sup>	0.60 - 1.65 m <sup>3</sup>



**BUILT AROUND YOU**

# AS LONG AS MAN SHAPES MATERIALS, W

**10% MORE  
PRODUCTIVITY**

**10% MORE  
FUEL SAVINGS**





# E WILL PROVIDE THE TOOLS

**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 Hydrotronic 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 SCR ONLY TECHNOLOGY

Selective Catalytic Reduction (SCR) technology optimizes combustion for maximum efficiency. It reduces harmful emissions with the high combustion temperatures and the addition of AdBlue® Diesel Exhaust Fluid. This well-proven and reliable technology, used on trucks in Europe since 2004, delivers more power with less fuel.

## 4 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.





# MORE PRODUCTIVITY



## DYNAMIC STABILITY

The heavy-duty design is a perfect match with the machine's powerful performance. The two versions (EL 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 C Series 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.



## 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.

**+10%**  
**PRODUCTIVITY**



## **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.

## **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 Hydrotronic 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.



# EFFICIENCY



## 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.



## 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, with the fuel economy meter and ECO icon indicating when the machine is operating most efficiently.



**-10%  
FUEL**



## 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.

### SCR ONLY TECHNOLOGY

New Holland's SCR solution, developed by FPT Industrial to meet Tier 4i (EU Stage 3B) emissions regulations, reduces PM levels with high combustion temperatures and breaks down NOx with AdBlue.



### GET MORE POWER WITH SCR

The SCR solution relies on an after-treatment system, so that the engine can focus on generating more power, torque and a faster response.

### ENGINE AND HYDRAULIC POWER: THE PERFECT MATCH

The high-efficiency 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.

# A COMMITTED PARTNER



## DESIGNED WITH ENVIRONMENTAL CARE

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

### Low Emissions

New Holland's SCR technology, developed to meet Tier4 interim (EU Stage IIB) regulations, not only dramatically reduces emissions levels, but also achieves exceptional fuel efficiency, which further reduces the environmental impact of the machine. Today our E265C and E305C excavators emissions levels are as low as:

**CO: 0.327 g/kWh, HC: 0.01 g/kWh, NOx: 1.477 g/kWh, PM: 0.008 g/kWh**

### Low impact

The AdBlue additive is a solution of urea and demineralised water: clean, harmless and environmentally friendly.

### Yes to the biodiesel!

All New Holland Tier4 interim compliant products which use our SCR technology can use blends of 20% biodiesel.

## 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.





## 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.



## 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



## EXCELLENT ALL-ROUND VISIBILITY

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

# 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. 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

## LESS MAINTENANCE WITH SCR TECHNOLOGY

With SCR technology there is no need for a particulate filter, resulting in savings on maintenance. The system is designed so that the AdBlue tank only needs to be refilled every four refuelling stops, depending on the job. In addition, it doesn't require costly specific oils and has a high fuel compatibility unmatched by other Tier4i solutions.



## 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.

## 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 WITH SCR

Our SCR technology is a highly reliable proven technology. It requires no additional maintenance or cooling surface, and works perfectly in cold weather. Even at temperatures below  $-11^{\circ}\text{C}/12^{\circ}\text{F}$ , when the AdBlue may be frozen, the engine will cold start and run without derating.



## 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.

# E265C

## SPECIFICATIONS



### ENGINE TIER 4 INTERIM

Make and model ..... FPT F4HFE613R-A0004  
 Engine Power (ISO 14396/ECE R120)..... 142 kW/191 hp (2000 rpm)  
 Maximum torque..... 848 Nm (1400 rpm)  
 Type...Water-cooled, direct injection type diesel engine with intercooler turbo-charger electric common-rail, Selective Catalytic Reduction (SCR)  
 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  
**-25° outside temperature start** as standard equipment  
 The engine complies with 97/68/EC standards stage 3B (Tier4 interim)



### 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 ..... 244 kN



### UNDERCARRIAGE

X-frame undercarriage design  
 Reinforced track chain with sealed bushing

	E265C EL	E265C LC
Track rollers (each side)	9	9
Carrier rollers (each side)	2	2
Length of track on ground (mm)	3850	3850
Gauge (mm)	2390	2590
Shoes (mm)	600-700 800-900	600-700 800-900

Shoe type ..... Tractor type triple grouser shoe  
 No. for each side..... 5 l  
 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 246 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 ..... 28.5 MPa  
 Pilot control Circuit..... 5 MPa



### CAPACITIES

Engine oil ..... 18.3 l  
 Fuel tank..... 460 l  
 Hydraulic system (incl. 170 l tank) ..... 280 l  
 Cooling system..... 25 l  
 AdBlue tank (Urea) ..... 88 l



### SWING

Swing motor..... axial piston type  
 Swing brake..... hydraulic brake  
 Swing speed..... 0-11 rpm



### CAB AND CONTROLS

#### Operator's cab

Structure ..... Fully enclosed steel structure  
 EVO operator cab..... evolution in comfort and safety compliant to ROPS (ISO 12117-2) and FOPS (ISO 10262 level II) standards  
 Rear camera..... standard  
 Monitor..... integrated multi-function control monitor with integrated rear view camera display

#### Operator's seat

Operator's seat ..... Adjustable and reclining device

#### Operation

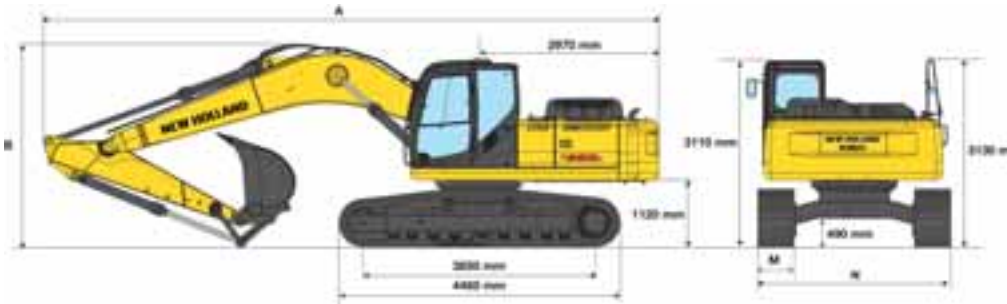
Travel ..... Two hand levers or two foot pedals for forward and backward operations of each track independently  
 Excavating and swing ..... Two hand levers for four operations

#### Sound Level

External guaranteed sound level  
 (EU Directive 2000/14/EC)..... LwA 103 dB(A)  
 Operator cab sound pressure level (ISO 6396)..... LpA 71 dB(A)



## DIMENSIONS - MONOBOOM



### EL / LCVERSION

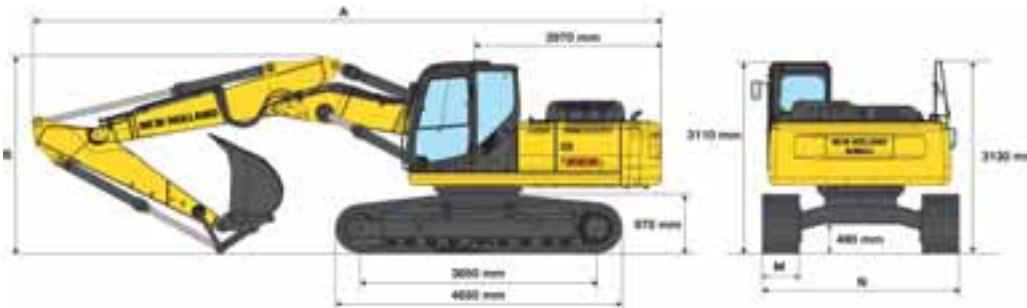
ARM		2160	2500	2980	3660
A - Overall length	mm	10300	10180	10120	10130
B - Boom height in transport position	mm	3450	3380	3210	3370
Overall height	mm	3450	3380	3210	3370

## OPERATING WEIGHT - MONOBOOM

		EL VERSION				LC VERSION			
M - Shoe width	mm	600	700	800	900	600	700	800	900
N - Maximum width	mm	2990	3090	3190	3290	3190	3290	3390	3490
Operating weight	kg	26300	26610	26920	27230	26400	26710	27020	27320
Ground pressure*	bar	0.588	0.51	0.451	0.405	0.59	0.511	0.453	0.407

\* 2980 mm arm

## DIMENSIONS - TRIPLE ARTICULATION



### EL / LCVERSION

ARM		2160	2500	2980	3660
A - Overall length	mm	10340	10210	10190	10160
B - Boom height in transport position	mm	3240	3210	3130	3330
Overall height	mm	3240	3210	3130	3330

## OPERATING WEIGHT - TRIPLE ARTICULATION

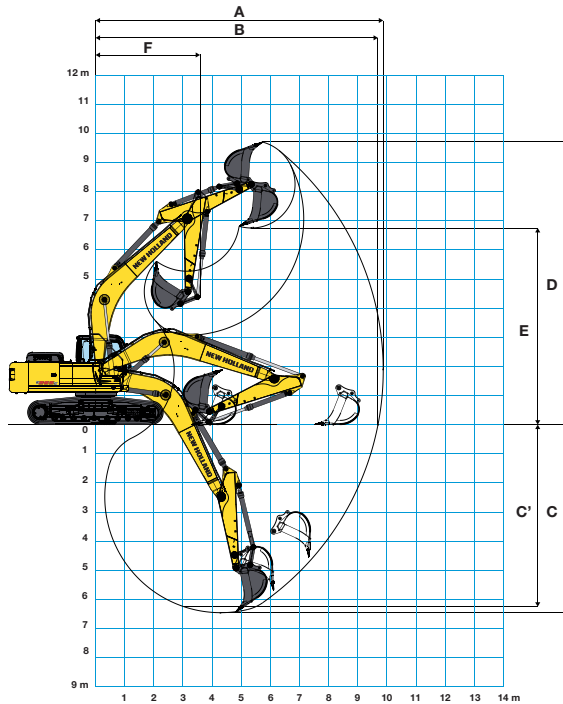
		EL VERSION				LC VERSION			
M - Shoe width	mm	600	700	800	900	600	700	800	900
N - Maximum width	mm	2990	3090	3190	3290	3190	3290	3390	3490
Operating weight	kg	26800	27110	27420	27730	26900	27210	27520	27830
Ground pressure*	bar	0.598	0.519	0.459	0.413	0.601	0.521	0.461	0.414

\* 2980 mm arm

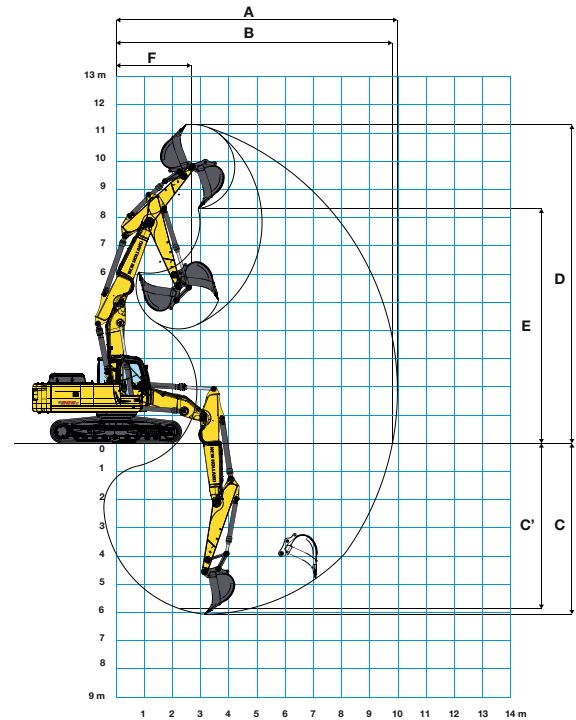
# E265C

## DIGGING PERFORMANCE

### MONOBOOM



### TRIPLE ARTICULATION



ARM	MONOBOOM				TRIPLE ARTICULATION				
	2160	2500	2980	3660	2160	2500	2980	3660	
A - Max. digging reach	mm	9610	9880	10290	10960	9700	9980	10410	11080
B - Max. digging reach at ground level	mm	9430	9700	10120	10800	9510	9800	10240	10920
C - Max. digging depth	mm	6110	6460	6940	7600	5750	6070	6530	7210
C' - 2,4 mt level digging depth	mm	5880	6250	6760	7450	5540	5880	6370	7070
D - Max. digging height	mm	9620	9710	9840	10260	11100	11300	11640	12210
E - Max. dumping clearance	mm	6690	6760	6910	7310	8100	8320	8650	9250
F - Min. swing radius	mm	3930	3930	3930	3940	2840	2670	2420	2540

### BREAKOUT FORCE

ARM		2160	2500	2980	3660
Bucket	daN	18700	18700	18700	18700
Dipperstick	daN	18500	15900	12400	10500

### WITH "POWER BOOST" ON

ARM		2160	2500	2980	3660
Bucket	daN	20600	20600	20600	20600
Dipperstick	daN	20300	17500	13600	11600

### MONOBOOM

BUCKETS			E265C EL				E265C LC			
Width	Capacity (ISO 7451)	Weight	Arm mm				Arm mm			
			2160	2500	2980	3660	2160	2500	2980	3660
mm	m <sup>3</sup>	kg								
750	0.58	587								
850	0.68	650								
1000	0.845	708								
1200	1.06	810								
1300	1.175	830								
1500	1.395	920								

### TRIPLE ARTICULATION

BUCKETS			E265C EL				E265C LC			
Width	Capacity (ISO 7451)	Weight	Arm mm				Arm mm			
			2160	2500	2980	3660	2160	2500	2980	3660
mm	m <sup>3</sup>	kg								
750	0.58	587								
850	0.68	650								
1000	0.845	708								
1200	1.06	810								
1300	1.175	830								
1500	1.395	920								

General digging work (specific weight of material < 1.8 t/m<sup>3</sup>)

Slightly heavy digging work (specific weight of material < 1,5 t/m<sup>3</sup>)



# LIFTING CAPACITY

## EL VERSION

### ONE-PIECE BOOM - DIPPERSTICK 2160 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+9.0 m																
+7.5 m																
+6.0 m													5.9*	5.7	7.39	
+4.5 m							6.6*	6.6*	6.2*	5.4			6.1*	4.9	8.03	
+3.0 m					10.2*	10.2*	7.7*	7.1	6.7*	5.3			6.4*	4.5	8.35	
+1.5 m					12.2*	9.7	8.8*	6.7	7.3*	5.1			6.8*	4.4	8.39	
0 m					13.1*	9.5	9.6*	6.5	7.7*	5.0			7.0	4.5	8.16	
-1.5 m			13.2*	13.2*	13.3*	9.4	9.9*	6.5	7.8*	4.9			7.7	4.9	7.62	
-3.0 m			17.9*	17.9*	12.7*	9.6	10.6*	10.0					8.4*	5.8	6.71	
-4.5 m			15.0*	15.0*	10.8*	10.0							9.3*	8.2	5.22	

### TRIPLE ARTICULATION - DIPPERSTICK 2160 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m															6.8*	6.8*	4.82
+7.5 m									7.2*	7.2*	5.7*	5.7*			5.3*	5.3x*	6.51
+6.0 m									7.6*	7.6*	5.4*	5.4*			4.7*	4.7*	7.54
+4.5 m									11.9*	11.9*	7.1*	7.1*	4.8*	4.8*	4.9*	4.9*	8.17
+3.0 m									9.4*	9.4*	5.7*	5.7*	4.8*	4.8*	5.2*	5.2	8.49
+1.5 m									15.4*	15.4*	7.7*	7.7*	5.5*	5.5*	5.5*	5.0	8.53
0 m	21.5*	21.5*	13.1*	13.1*	11.2*	9.5	7.2*	6.5	5.8*	5.0					4.8*	4.4	8.30
-1.5 m	18.7*	18.7*	15.5*	15.5*	10.2*	9.7	7.4*	6.6							6.5*	5.6	6.88
-3.0 m																	
-4.5 m																	

### ONE-PIECE BOOM - DIPPERSTICK 2500 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m																	
+7.5 m															4.9*	4.9*	6.83
+6.0 m															4.8*	4.8*	7.82
+4.5 m															4.9*	4.6	8.43
+3.0 m															5.1*	4.3	8.73
+1.5 m															5.6*	4.2	8.77
0 m															6.3*	4.2	8.55
-1.5 m	8.6*	8.6*	12.4*	12.4*	13.3*	9.5	9.9*	6.5	7.8	4.9					7.1	4.5	8.04
-3.0 m	13.2*	13.2*	18.4*	18.2*	13.0*	9.6	9.7*	6.5							8.0*	5.2	7.18
-4.5 m			16.3*	16.3*	11.6*	9.9									8.8*	7.0	5.82

### TRIPLE ARTICULATION - DIPPERSTICK 2500 mm

HEIGHT	RADIUS OF LOAD																		
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m				
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE					
+9.0 m																	5.5*	5.5*	5.49
+7.5 m																	4.8*	4.8*	7.02
+6.0 m																	4.3*	4.3*	7.98
+4.5 m																	4.1*	4.1*	8.58
+3.0 m																	4.0*	4.0*	8.88
+1.5 m																	4.1*	4.1	8.92
0 m	9.9*	9.9*	10.8*	10.8*	10.1*	9.5	6.4*	6.4*	5.6*	4.9					4.4*	4.2	8.70		
-1.5 m	11.9*	11.9*	12.8*	12.8*	11.9*	9.5	8.7*	6.5	5.8*	5.0					4.9*	4.5	8.20		
-3.0 m	17.3*	17.3*	15.8*	15.8*	10.1*	9.6	7.7*	6.5							5.8*	5.1	7.36		
-4.5 m																			

### ONE-PIECE BOOM - DIPPERSTICK 2980 mm

HEIGHT	RADIUS OF LOAD																		
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m				
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE					
+7.5 m															3.7*	3.7*	7.36		
+6.0 m															3.6*	3.6*	8.29		
+4.5 m															3.6*	3.6*	8.86		
+3.0 m															4.9*	4.9*	8.29		
+1.5 m															5.3*	5.3*	8.86		
0 m															3.6*	3.6*	8.86		
-1.5 m	8.0*	8.0*	11.8*	11.8*	8.6*	8.6*	6.8*	6.8*	6.0*	5.3	4.5*	4.1	3.8*	3.8	3.8	3.8	9.15		
+3.0 m			13.8*	13.8*	8.6*	8.6*	6.8*	6.8*	6.0*	5.3	4.5*	4.1	3.8*	3.8	3.8	3.8	9.15		
+1.5 m			7.0*	7.0*	10.9*	10.0	8.0*	6.8	6.7*	5.1	5.1*	4.0	4.1*	3.9	3.9	3.9	9.19		
0 m			8.5*	8.5*	1.5*	9.5	9.1*	6.5	7.3*	6.4					4.6*	3.9	8.98		
-1.5 m	8.0*	8.0*	11.8*	11.8*	13.1*	9.4	9.7*	6.7	7.7	4.8					5.5*	4.2	8.49		
-3.0 m	11.6*	11.6*	16.3*	16.3*	13.1*	9.4	9.7*	6.4	7.6*	4.8					7.2*	4.7	7.69		
-4.5 m			17.3*	17.3*	12.1*	9.6	9.0*	5.5							7.2*	4.7	7.69		
-6.0 m																			

### TRIPLE ARTICULATION - DIPPERSTICK 2980 mm

HEIGHT	RADIUS OF LOAD																		
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m				
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE					
+10.5 m																	4.0*	4.0*	6.17
+9.0 m																	3.7*	3.7*	7.56
+7.5 m																	3.6*	3.6*	8.46
+6.0 m																	3.6*	3.6*	9.02
+4.5 m																	3.6*	3.6*	9.31
+3.0 m																	3.7*	3.7*	9.35
+1.5 m																	3.9*	3.8	9.14
0 m	9.8*	9.8*	11.9*	11.9*	10.6*	9.4	7.8*	6.4	5.7*	4.8						4.3*	4.1	8.66	
-1.5 m	18.5*	18.5*	15.7*	15.7*															
-3.0 m																			

### ONE-PIECE BOOM - DIPPERSTICK 3660 mm

HEIGHT	RADIUS OF LOAD																				
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m						
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE							
+7.5 m															2.8*	2.8*	8.24				
+6.0 m															3.0*	3.0*	5.07				
+4.5 m															4.7*	4.7*	9.60				
+3.0 m															4.2*	4.2*	9.87				
+1.5 m															2.8*	2.8*	9.60				
0 m															6.0*	6.0*	9.87				
-1.5 m															5.4*	5.3	5.0*	4.1	2.9*	2.9*	9.87
+3.0 m															5.5*	3.9	3.0*	3.0*	9.90		
0 m	4.1*	4.1*	8.7*	8.7*	11.7*	9.6	8.5*	6.5	6.9*	4.9	6.0*	3.8	3.3*	3.3*	9.91						
-1.5 m	6.8*	6.8*	10.7*	10.7*	12.7*	9.2	9.3*	6.3	7.4*	4.7	5.3*	3.8	3.8*	3.6	9.26						
-3.0 m	9.7*	9.7*	14.0*	14.0*	13.0*	9.2	9.6*	6.2	7.5	4.7					4.9*	4.6	8.58				
-4.5 m	13.1*	13.1*	18.4*	17.8	12.5*	9.3	9.3*	6.3							6.5*	4.9	7.42				
-6.0 m															8.1*	7.0	5.73				

### TRIPLE ARTICULATION - DIPPERSTICK 3660 mm

HEIGHT	RADIUS OF LOAD																						
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m								
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE									
+10.5 m																	3.6*	3.6*	5.32				
+9.0 m																	3.1*	3.1*	7.21				
+7.5 m																	2.8*	2.8*	8.43				
+6.0 m																	2.7*	2.7*	9.24				
+4.5 m																	2.7*	2.7*	9.76				
+3.0 m																	7.1*	7.1*	9.76				
+1.5 m																	5.0*	5.0*	3.9*	3.9*	2.7*	2.7*	9.76
0 m																	5.0*	5.0*	3.9*	3.9*	2.7*	2.7*	9.76
-1.5 m																							

# E265C

## LIFTING CAPACITY LC VERSION

### ONE-PIECE BOOM - DIPPERSTICK 2160 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+9.0 m																
+7.5 m																
+6.0 m												5.9*	5.9*	7.39		
+4.5 m							6.6*	6.6*	6.2*	5.8		6.1*	5.3	8.03		
+3.0 m					10.2*	10.2*	7.7*	7.7	6.7*	5.7		6.4*	4.9	8.35		
+1.5 m					12.2*	10.6	8.8*	7.3	7.3*	5.5		6.8*	4.7	8.39		
0 m					13.1*	10.4	9.6*	7.1	7.7*	5.3		7.0	4.8	8.16		
-1.5 m			13.2*	13.2*	13.3*	10.3	9.9*	7.0	7.8	5.3		7.6	5.2	7.62		
-3.0 m			17.9*	17.9*	12.7*	10.5	9.6*	7.1				8.4*	6.2	6.71		
-4.5 m	15.0*	15.0*	10.8*	10.8*								9.3*	8.9	5.22		

### TRIPLE ARTICULATION - DIPPERSTICK 2160 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m															6.8*	6.8*	4.82
+7.5 m									7.2*	7.2*	5.7*	5.7*			5.3*	5.3*	6.51
+6.0 m									7.6*	7.6*	5.4*	5.4*			4.7*	4.7*	7.54
+4.5 m							11.9*	11.9*	7.1*	7.1*	4.8*	4.8*	4.9*	4.9*	4.4*	4.4*	8.17
+3.0 m	9.4*	9.4*	5.7*	5.7*	7.7*	7.7*	4.8*	4.8*	5.2*	5.2*					4.4*	4.4*	8.49
+1.5 m	15.4*	15.4*	7.7*	7.7*	5.5*	5.5*	5.5*	5.5*	5.4						4.5*	4.5*	8.53
0 m	21.5*	21.5*	13.1*	13.1*	11.2*	10.4	7.2*	7.0	5.8*	5.3					4.8*	4.7	8.30
-1.5 m	14.5*	14.5*	13.1*	13.1*	11.4*	10.4	8.8*	7.0							5.4*	5.1	7.77
-3.0 m	18.7*	18.7*	15.5*	15.5*	10.2*	10.2*	7.4*	7.1							6.5*	6.1	6.88
-4.5 m																	

### ONE-PIECE BOOM - DIPPERSTICK 2500 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m																	
+7.5 m															4.9*	4.9*	6.83
+6.0 m										5.5*	5.5*				4.8*	4.8*	7.82
+4.5 m							6.2*	6.2*	5.8*	5.8*					4.9*	4.9*	8.43
+3.0 m					9.5*	9.5*	7.4*	7.4*	6.4*	5.7					5.1*	4.6	8.73
+1.5 m					11.7*	10.8	8.5*	7.4	7.0*	5.5					5.6*	4.5	8.77
0 m			7.7*	7.7*	12.9*	10.4	9.4*	7.1	7.6*	5.4					6.3*	4.5	8.55
-1.5 m	8.6*	8.6*	12.4*	12.4*	13.3*	10.3*	9.9*	7.0	7.7	5.3					7.1	4.9	8.04
-3.0 m	13.2*	13.2*	18.4*	18.4*	13.0*	10.5	9.7*	7.0							8.0*	5.7	7.18
-4.5 m			16.3*	16.3*	11.6*	10.8									8.8*	7.6	5.82

### TRIPLE ARTICULATION - DIPPERSTICK 2500 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m															5.5*	5.5*	5.49
+7.5 m									7.0*	7.0*	5.4*	5.4*			4.8*	4.8*	7.02
+6.0 m									7.4*	7.4*	5.2*	5.2*	4.6*	4.6*	4.3*	4.3*	7.98
+4.5 m					12.6*	12.6*	7.3*	7.3*	4.3*	4.3*	4.7*	4.7*			4.1*	4.1*	8.58
+3.0 m					10.0*	10.1*	6.1*	6.1*	4.6*	4.6*	5.0*	5.0*			4.0*	4.0*	8.88
+1.5 m					13.1*	13.1*	7.1*	7.1*	5.2*	5.2*	5.4*	5.4*			4.1*	4.1*	8.92
0 m	9.9*	9.9*	10.8*	10.8*	10.1*	10.1*	6.4*	6.4*	5.6*	5.3					4.4*	4.4*	8.70
-1.5 m	11.9*	11.9*	12.8*	12.8*	11.9*	10.4	8.7*	7.0	5.8*	5.3					4.9*	4.8	8.20
-3.0 m	17.3*	17.3*	15.8*	15.8*	10.1*	10.1*	7.7*	7.1							5.8*	5.5	7.36
-4.5 m			16.9*	16.9*	10.2*	10.2*											

### ONE-PIECE BOOM - DIPPERSTICK 2980 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+7.5 m																	
+6.0 m															3.7*	3.7*	7.36
+4.5 m									4.9*	4.9*					3.6*	3.6*	8.29
+3.0 m									5.3*	5.3*					3.6*	3.6*	8.86
+1.5 m			13.8*	13.8*	8.6*	8.6*	6.8*	6.8*	6.0*	5.7	4.5*	4.4			3.8*	3.8*	9.15
0 m			7.0*	7.0*	10.9*	10.9*	8.0*	7.4	6.7*	5.5	5.1*	4.3			4.1*	4.1*	9.19
-1.5 m			8.5*	8.5*	12.5*	10.4	9.1*	7.1	7.3*	5.3					4.6*	4.2	8.98
-3.0 m	8.0*	8.0*	11.8*	11.8*	13.1*	10.2	9.7*	6.9	7.7	5.2					5.5*	4.5	8.49
-4.5 m	11.6*	11.6*	16.3*	16.3*	11.1*	10.3	9.7*	6.9	7.6*	5.2					7.2*	5.1	7.69
-6.0 m			17.3*	17.3*	12.1*	10.5	9.0*	7.1							8.2*	6.5	6.44

### TRIPLE ARTICULATION - DIPPERSTICK 2980 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+10.5 m															4.0*	4.0*	6.17
+9.0 m															3.7*	3.7*	7.56
+7.5 m									6.8*	6.8*	5.2*	5.2*	4.3*	4.3*	3.6*	3.6*	8.46
+6.0 m									11.9*	11.9*	7.4*	7.4*	4.8*	4.5*	3.6*	3.6*	9.02
+4.5 m	9.3*	9.3*	10.9*	10.9*	6.5*	6.5*	4.0*	4.0*	4.5*	4.5*					3.6*	3.6*	9.31
+3.0 m	9.5*	9.5*	10.6*	10.6*	6.3*	6.3*	4.8*	4.8*	4.9*	4.9*					3.7*	3.7*	9.35
+1.5 m	7.8*	7.8*	9.2*	9.2*	8.9*	8.9*	5.8*	5.8*	5.5*	5.3					3.9*	3.9*	9.14
0 m	9.8*	9.8*	11.9*	11.9*	12.3*	10.3*	7.8*	6.9	5.7*	5.2					4.3*	4.3*	8.66
-1.5 m	13.5*	13.5*	15.1*	15.1*	10.6*	10.3	8.2*	6.9							5.1*	5.0	7.87
-3.0 m	18.5*	18.5*	15.7*	15.7*	10.3*	10.3*	7.6*	7.1									

### ONE-PIECE BOOM - DIPPERSTICK 3660 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+7.5 m															2.8*	2.8*	8.24
+6.0 m															3.0*	3.0*	9.07
+4.5 m									4.7*	4.7*					2.8*	2.8*	9.60
+3.0 m							6.0*	6.0*	5.4*	5.4*					2.9*	2.9*	9.87
+1.5 m			9.9*	9.9*	9.8*	9.8*	7.3*	7.3*	6.2*	5.5	5.5*	4.2			3.0*	3.0*	9.90
0 m	4.1*	4.1*	8.7*	8.7*	11.7*	10.5	8.5*	7.1	6.9*	5.2	6.0*	4.1			3.3*	3.3*	9.71
-1.5 m	6.8*	6.8*	10.7*	10.7*	12.7*	10.1	9.3*	6.8	7.4*	5.1	5.3*	4.1			3.8*	3.8*	9.26
-3.0 m	9.7*	9.7*	14.0*	14.0*	13.0*	10.1	9.6*	6.8	7.5	5.1					4.7*	4.3	8.53
-4.5 m	13.1*	13.1*	18.4*	18.4*	12.5*	10.2	9.3*	6.8							6.5*	5.2	7.42
-6.0 m			15.4*	15.4*	10.7*	10.6									8.1*	7.6	5.73

### TRIPLE ARTICULATION - DIPPERSTICK 3660 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+10.5 m															3.6*	3.6*	5.32
+9.0 m															3.1*	3.1*	7.21
+7.5 m															2.8*	2.8*	8.43
+6.0 m															2.7*	2.7*	9.24
+4.5 m															2.7*	2.7*	9.76
+3.0 m	11.6*	11.6*	12.1*	12.1*	6.9*	6.9*	4.5*	4.5*	3.0*	3.0*	2.9*	2.9*			2.8*	2.8*	10.03
+1.5 m	7.8*	7.8*	9.2*	9.2*	5.5*	5.5*	4.2*	4.2*	3.9*	3.9*	3.8*	3.8*			3.0*	3.0*	10.6
0 m	6.4*	6.4*	9.0*	9.0*	7.4*	7.4*	5.1*	5.1*	4.6*	4.6*	4.0*	4.0*			3.2*	3.2*	9.87
-1.5 m	6.4*	6.4*	11.2*	11.2*	10.9*	10.1	6.4*	6.4*	5.4	5.1					3.6*	3.6*	9.43
-3.0 m	10.4*	10.4*	13.6*	13.6*	11.4*	10.1</											





# E305C

## SPECIFICATIONS



### ENGINE TIER 4 INTERIM

Make and model ..... FPT F4HFE613P-A0004  
Engine Power (ISO 14396/ECE R120)..... 152 kW/204 hp (2000 rpm)  
Maximum torque..... 912 Nm (1400 rpm)  
Type...Water-cooled, direct injection type diesel engine with intercooler turbo-charger electric common-rail, Selective Catalytic Reduction (SCR)  
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  
**-25° outside temperature start** as standard equipment  
*The engine complies with 97/68/EC standards stage 3B (Tier4 interim)*



### ELECTRICAL SYSTEM

Voltage / Alternator ..... 24 V / 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 ..... 254 kN



### UNDERCARRIAGE

X-frame undercarriage design  
Reinforced track chain with sealed bushing

	E305C EL	E305C LC
Track rollers (each side)	9	9
Carrier rollers (each side)	2	2
Length of track on ground (mm)	4010	4010
Gauge (mm)	2390	2590
Shoes (mm)	600-700 800-900	600-700 800-900

Shoe type ..... Tractor type triple grouser shoe  
No. for each side.....50  
Height of grouser shoe..... 30 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 246 l/min  
Piloting circuit gear type pump..... max 2l /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 ..... 29 MPa  
Pilot control Circuit..... 5 MPa



### CAPACITIES

Engine oil ..... 18.3 l  
Fuel tank ..... 460 l  
Hydraulic system (incl. 170 l tank) ..... 280 l  
Cooling system..... 25 l  
AdBlue tank (Urea) ..... 88 l



### SWING

Swing motor ..... axial piston type  
Swing brake ..... hydraulic brake  
Swing speed..... 0-11 rpm



### CAB AND CONTROLS

#### Operator's cab

Structure ..... Fully enclosed steel structure  
EVO operator cab..... evolution in comfort and safety compliant to ROPS (ISO 12117-2) and FOPS (ISO 10262 level II) standards  
Rear camera..... standard  
Monitor..... integrated multi-function control monitor with integrated rear view camera display

#### Operator's seat

Operator's seat ..... Adjustable and reclining device

#### Operation

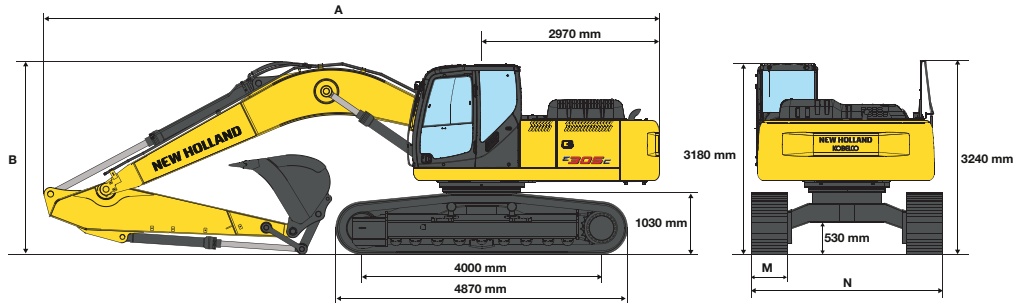
Travel ..... Two hand levers or two foot pedals for forward and backward operations of each track independently  
Excavating and swing ..... Two hand levers for four operations

#### Sound Level

External guaranteed sound level  
(EU Directive 2000/14/EC)..... LwA 103 dB(A)  
Operator cab sound pressure level (ISO 6396)..... LpA 71 dB(A)



# DIMENSIONS - MONOBOOM



## EL / LCVERSION

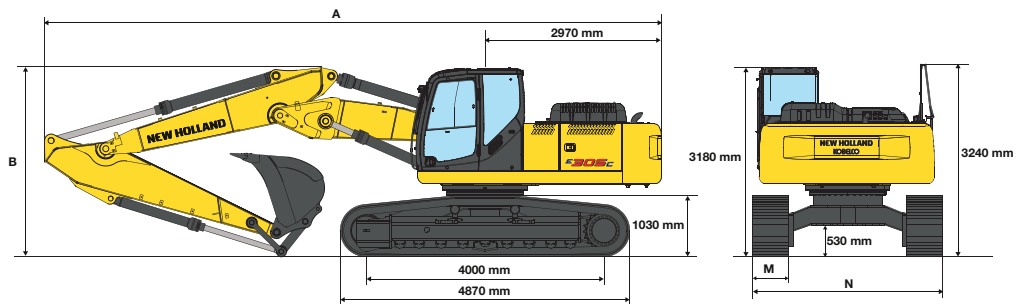
ARM		2100	2400	3200	4000
A - Overall length	mm	10570	10390	10280	10340
B - Boom height in transport position	mm	3570	3500	3220	3460
Overall height	mm	3570	3500	3240	3460

# OPERATING WEIGHT - MONOBOOM

		EL VERSION				LCVERSION			
M - Shoe width	mm	600	700	800	900	600	700	800	900
N - Maximum width	mm	2990	3090	3190	3290	3190	3290	3390	3490
Operating weight	kg	29800	30180	30560	30940	29900	30280	30660	31040
Ground pressure*	bar	0.666	0.578	0.512	0.461	0.668	0.58	0.514	0.462

\* 3200 mm arm

# DIMENSIONS - TRIPLE ARTICULATION



## EL / LCVERSION

ARM		2100	2400	3200	4000
A - Overall length	mm	10610	10410	10380	10450
B - Boom height in transport position	mm	3290	3260	3200	3570
Overall height	mm	3290	3260	3240	3570

# OPERATING WEIGHT - TRIPLE ARTICULATION

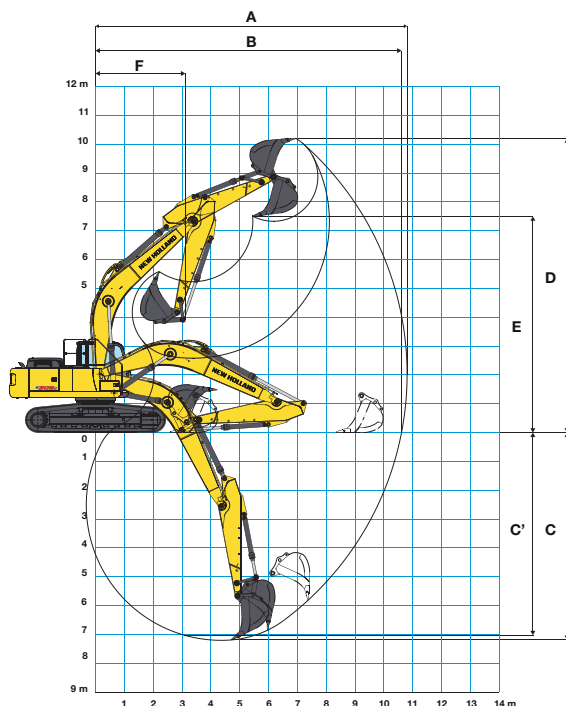
		EL VERSION				LCVERSION			
M - Shoe width	mm	600	700	800	900	600	700	800	900
N - Maximum width	mm	2990	3090	3190	3290	3190	3290	3390	3490
Operating weight	kg	30330	30710	31090	31470	30430	30810	31190	31570
Ground pressure*	bar	0.677	0.588	0.521	0.469	0.68	0.59	0.522	0.47

\* 3200 mm arm

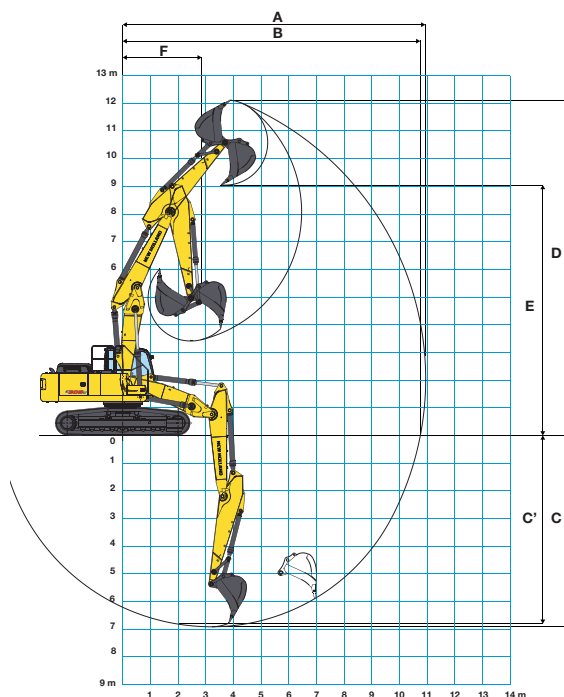
# E305C

## DIGGING PERFORMANCE

### MONOBOOM



### TRIPLE ARTICULATION



ARM	MONOBOOM				TRIPLE ARTICULATION				
	2100	2400	3200	4000	2100	2400	3200	4000	
A - Max. digging reach	mm	9800	10100	10800	11600	9900	10200	10900	11700
B - Max. digging reach at ground level	mm	9600	9900	10600	11400	9700	10000	10800	11500
C - Max. digging depth	mm	6200	6500	7200	8000	5800	6100	6900	7700
C' - 2,4 mt level digging depth	mm	6000	6300	7300	7900	5700	6000	6800	7600
D - Max. digging height	mm	9600	9900	10200	10600	11200	11500	12100	12700
E - Max. dumping clearance	mm	3735	3385	2581	1781	8200	8400	9000	9700
F - Min. swing radius	mm	4200	4200	4200	4300	3400	3200	2800	3000

### BREAKOUT FORCE

ARM		2100	2400	3200	4000
Bucket	daN	19150	19150	19150	19150
Dipperstick	daN	19065	16345	13000	11215

### WITH "POWER BOOST" ON

ARM		2100	2400	3200	4000
Bucket	daN	21050	21050	21050	21050
Dipperstick	daN	20955	17965	14400	12300

### MONOBOOM

BUCKETS			E305C EL				E305C LC			
Width	Capacity (ISO 7451)	Weight	Arm mm				Arm mm			
			2100	2400	3200	4000	2100	2400	3200	4000
mm	m <sup>3</sup>	kg								
800	0.60	620								
1000	0.80	720								
1200	1.10	820								
1400	1.40	930								
1600	1.65	1050				X				X

### TRIPLE ARTICULATION

GODETS			E305C EL				E305C LC			
Width	Capacity (ISO 7451)	Weight	Arm mm				Arm mm			
			2100	2400	3200	4000	2100	2400	3200	4000
mm	m <sup>3</sup>	kg								
800	0.60	620								
1000	0.80	720								
1200	1.10	820								
1400	1.40	930				X				X
1600	1.65	1050			X	X			X	X

General digging work (specific weight of material < 1,8 t/m<sup>3</sup>)

Slightly heavy digging work (specific weight of material < 1,5 t/m<sup>3</sup>)

Loading work (specific weight of material < 1,2 t/m<sup>3</sup>)

**X** Bucket not applicable



# LIFTING CAPACITY

## EL VERSION

### ONE-PIECE BOOM - DIPPERSTICK 2100 mm

HEIGHT	RADIUS OF LOAD														
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+9.0 m															
+7.5 m							6.4*	6.4*				6.4*	6.4*	6.22	
+6.0 m							6.6*	6.6*				6.5*	6.5*	7.29	
+4.5 m					9.2*	9.2*	7.5*	7.5*	6.8*	6.1		6.7*	5.6	7.94	
+3.0 m					11.7*	11.7*	8.7*	8.0	7.3*	5.9		7.0*	5.2	8.27	
+1.5 m					13.6*	11.1	9.7*	7.6	7.9*	5.7		7.3*	5.0	8.31	
0 m					14.2*	10.9	10.4*	7.4	8.3*	5.6		7.8*	5.1	8.07	
-1.5 m			14.9*	14.9*	14.0*	10.9	10.5*	7.3	8.3*	5.5		8.3*	5.5	7.53	
-3.0 m			17.8*	17.8*	13.1*	11.1	9.9*	7.4				8.9*	6.6	6.50	
-4.5 m			14.7*	14.7*	10.9*	10.9*						9.6*	9.6*	5.08	

### TRIPLE ARTICULATION - DIPPERSTICK 2100 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m							7.0*	7.0*						6.5*	6.5*	4.73	
+7.5 m							6.7*	6.7*	5.4*	5.4*				5.0*	5.0*	6.44	
+6.0 m							7.0*	7.0*	5.3*	5.3*				4.5*	4.5*	7.48	
+4.5 m							6.7*	6.7*	4.7*	4.7*	4.5*	4.5*		4.2*	4.2*	8.12	
+3.0 m							10.2*	10.2*	6.1*	6.1*	5.1*	5.1*	4.8*	4.8*	4.1*	4.1*	8.43
+1.5 m							20.0*	20.0*	8.5*	8.5*	6.0*	6.0*	5.3*	5.3*	4.2*	4.2*	8.48
0 m							19.7*	19.7*	12.4*	10.8	7.9*	7.3	5.5*	5.5	4.5*	4.5*	8.24
-1.5 m	18.2*	18.2*	16.2*	16.2*	11.3*	10.8	8.6*	7.3	5.5*	5.5*				5.1*	5.1*	7.71	
-3.0 m	23.5*	23.5*	13.9*	13.9*	8.9*	8.9*	6.8*	6.8*						6.3*	6.3*	6.81	
-4.5 m																	

### ONE-PIECE BOOM - DIPPERSTICK 2400 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+9.0 m																
+7.5 m														5.6*	5.6*	6.77
+6.0 m							6.2*	6.2*	6.1*	6.1*				5.4*	5.4*	7.77
+4.5 m					8.5*	8.5*	7.1*	7.1*	6.4*	6.1				5.5*	5.2	8.38
+3.0 m					11.0*	11.0*	8.3*	8.1	7.1*	5.9				5.8	4.8	8.69
+1.5 m					13.1*	11.2	9.4*	7.6	7.7*	5.7				6.4	4.7	8.73
0 m					14.0*	10.9	10.2*	7.4	8.1*	5.5				7.3*	4.7	8.50
-1.5 m			13.5*	13.5*	14.0*	10.9	10.5*	7.3	8.3*	5.5				7.7*	5.1	7.99
-3.0 m	15.2*	15.2*	18.7*	18.7*	13.4*	11.0	10.1*	7.3						8.3*	5.9	7.13
-4.5 m			15.9*	15.9*	11.5*	11.3								8.9*	8.1	5.75

### TRIPLE ARTICULATION - DIPPERSTICK 2400 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m							6.8*	6.8*						5.6*	5.6*	5.46	
+7.5 m							6.6*	6.6*	5.1*	5.1*				4.5*	4.5*	7.00	
+6.0 m							7.0*	7.0*	4.9*	4.9*	4.4*	4.4*		4.0*	4.0*	7.96	
+4.5 m					12.0*	12.0*	7.1*	7.1*	4.6*	4.6*	4.6*	4.6*		3.8*	3.8*	8.56	
+3.0 m					9.7*	9.7*	5.8*	5.8*	4.6*	4.6*	4.9*	4.9*		3.7*	3.7*	8.86	
+1.5 m					14.3*	14.3*	7.9*	7.9*	5.3*	5.3*	5.1*	5.1*		3.8*	3.8*	8.90	
0 m	20.0*	20.0*	12.6*	12.6*	12.0*	10.7	7.2*	7.2*	5.3*	5.3*				4.1*	4.1*	8.68	
-1.5 m	14.4*	14.4*	12.7*	12.7*	11.6*	10.7	8.7*	7.2	5.6*	5.4				4.6*	4.6*	8.18	
-3.0 m	19.6*	19.6*	13.8*	13.8*	9.1*	9.1*	7.4*	7.3						5.5*	5.5*	7.34	
-4.5 m	23.4*	23.4*	13.18*	13.18*	9.3*	9.3*											

### ONE-PIECE BOOM - DIPPERSTICK 3200 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+7.5 m									4.0*	4.0*				3.2*	3.2*	7.71	
+6.0 m									5.3*	5.3*				3.1*	3.1*	8.60	
+4.5 m									6.1*	6.1*	5.7*	5.7*	3.9*	3.9*	3.2*	3.2*	9.15
+3.0 m			15.6*	15.6*	9.5*	9.5*	7.4*	7.4*	6.4*	5.9	5.4*	4.6	3.3*	3.3*	9.44		
+1.5 m			7.2*	7.2*	11.9*	11.4	8.7*	7.7	7.1*	5.7	6.2*	4.4	3.5*	3.5*	9.47		
0 m			8.9*	8.9*	13.4*	10.9	9.7*	7.4	7.7*	5.5	5.9*	4.3	3.9*	3.9*	9.27		
-1.5 m	8.7*	8.7*	12.2*	12.2*	13.9*	10.7	10.2*	7.2	8.1*	5.4				4.6*	4.4	8.80	
-3.0 m	12.1*	12.1*	16.5*	16.5*	13.7*	10.7	10.2*	7.1	8.0*	5.4				5.9*	5.0	8.02	
-4.5 m	16.1*	16.1*	17.9*	17.9*	12.6*	0.9	9.4*	7.3						8.0*	6.2	6.84	
-6.0 m					9.4*	9.4*								8.8*	8.8*	4.94	

### TRIPLE ARTICULATION - DIPPERSTICK 3200 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+10.5 m														4.1*	4.1*	4.52	
+9.0 m														3.3*	3.3*	6.65	
+7.5 m									4.6*	4.6*	4.2*	4.2*		3.0*	3.0*	7.95	
+6.0 m									6.3*	6.3*	4.9*	4.9*	2.9*	2.9*	2.9*	8.81	
+4.5 m									11.2*	11.2*	6.9*	6.9*	4.7*	4.7*	4.1*	4.1*	9.36
+3.0 m	10.8*	10.8*	10.5*	10.5*	6.2*	6.2*	4.1*	4.1*	4.2*	4.2*	3.6*	3.6*	3.0*	3.0*	3.0*	9.63	
+1.5 m	11.7*	11.7*	10.8*	10.8*	6.5*	6.5*	4.8*	4.8*	4.6*	4.6*	3.7*	3.7*	3.2*	3.2*	3.2*	9.67	
0 m	8.5*	8.5*	9.6*	9.6*	9.3*	9.3*	5.9*	5.9*	5.1*	5.1*	3.7*	3.7*	3.4*	3.4*	3.4*	9.47	
-1.5 m	10.4*	10.4*	12.4*	12.4*	12.7*	10.5	7.7*	7.1	5.3*	5.3*				3.7*	3.7*	9.01	
-3.0 m	13.9*	13.9*	13.3*	13.3*	10.8*	10.6	8.4*	7.1	5.1*	5.1*				4.3*	4.3*	8.26	

### ONE-PIECE BOOM - DIPPERSTICK 4000 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+7.5 m														2.5*	2.5*	8.65
+6.0 m														3.6*	3.6*	9.45
+4.5 m									4.9*	4.9*	4.8*	4.7	2.4*	2.4*	9.95	
+3.0 m									6.3*	6.3*	5.6*	5.6*	5.2*	4.5	2.5*	10.21
+1.5 m									11.1*	11.1*	10.4*	10.4*	7.7*	7.7	6.4*	10.25
0 m	4.7*	4.7*	9.5*	9.5*	12.3*	10.8	8.9*	7.3	7.1*	5.4	6.1*	4.2	2.9*	2.9*	10.6	
-1.5 m	7.3*	7.3*	11.3*	11.3*	13.4*	10.4	9.7*	7.0	7.7*	5.2	6.4*	4.1	3.3*	3.3*	9.63	
-3.0 m	10.1*	10.1*	14.3*	14.3*	13.6*	10.3	10.0*	6.9	7.9*	5.1				4.0*	4.0*	8.93
-4.5 m	13.2*	13.2*	18.5*	18.5*	13.0*	10.5	9.7*	6.9	7.5*	5.2				5.4*	4.9	7.88
-6.0 m			16.1*	16.1*	11.2*	10.8	8.2*	7.2						7.7*	6.8	6.31

### TRIPLE ARTICULATION - DIPPERSTICK 4000 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+10.5 m									2.9*	2.9*				3.0*	3.0*	6.04
+9.0 m									4.4*	4.4*	2.5*	2.5*		2.5*	2.5*	7.76
+7.5 m									4.4*	4.4*	3.4*	3.4*		2.3*	2.3*	8.90
+6.0 m									4.4*	4.4*	3.3*	3.3*	2.2*	2.2*	2.2*	9.67
+4.5 m									6.3*	6.3*	4.8*	4.8*	2.2*	2.2*	2.2*	10.17
+3.0 m	16.1*	16.1*	11.0*	11.0*	6.6*	6.6*	4.3*	4.3*	3.2*	3.2*	2.4*	2.4*	2.3*	2.3*	10.42	
+1.5 m	7.4*	7.4*	8.9*	8.9*	5.3*	5.3*	3.9*	3.9*	3.4*	3.4*	3.3*	3.3*	2.4*	2.4*	10.46	
0 m	6.9*	6.9*	9.3*	9.3*	7.3*	7.3*	4.9*	4.9*	4.0*	4.0*	3.5*	3.5*	2.5*	2.5*	10.27	
-1.5 m	7.0*	7.0*	11.7*	11.7*	11.2*	10.2	6.4*	6.4*	4.7*	4.7*	3.5*	3.5*	2.8*	2.8*	9.85	
-3.0 m	10.8*	10.8*	14.1*	14.1*	11.7*	10.2	8.2*	6.8	4.9*	4.9*				3.4*	3.4*	9.17
-4.5 m	14.1*	14.1*	13.0*	13.0*	9.2*	9.2*	7.2*	6.9	4.9*	4.9*</						

# E305C

## LIFTING CAPACITY LCVERSION

### ONE-PIECE BOOM - DIPPERSTICK 2100 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+9.0 m																
+7.5 m							6.4*	6.4*					6.4*	6.4*	6.22	
+6.0 m							6.6*	6.6*					6.5*	6.5*	7.29	
+4.5 m					9.2*	9.2*	7.5*	7.5*	6.8*	6.1			6.7*	5.6	7.94	
+3.0 m					11.7*	11.7*	8.7*	8.0	7.3*	5.9			7.0*	5.2	8.27	
+1.5 m					13.5*	11.1	9.7*	7.6	7.9*	5.7			7.3*	5.0	8.31	
0 m					14.2*	10.9	10.4*	7.4	8.3*	5.6			7.8*	5.1	8.07	
-1.5 m		14.9*	14.9*	14.0*	10.9	10.5*	7.4	8.3*	5.6				8.3*	5.6	7.53	
-3.0 m		17.8*	17.8*	13.0*	11.1	9.9*	7.5						8.9*	6.6	6.60	
-4.5 m		14.6*	14.6*	10.8*	10.8*								9.6*	9.6*	5.08	

### ONE-PIECE BOOM - DIPPERSTICK 2400 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+9.0 m																
+7.5 m														5.6*	5.6*	6.77
+6.0 m							6.2*	6.2*	6.1*	6.1*			5.4*	5.4*	7.77	
+4.5 m					8.5*	8.5*	7.1*	7.1*	6.4*	6.2			5.5*	5.2	8.38	
+3.0 m					11.0*	11.0*	8.3*	8.1	7.0*	5.9			5.8*	4.8	8.69	
+1.5 m					13.1*	11.3	9.4*	7.7	7.7*	5.7			6.4*	4.7	8.73	
0 m					14.0*	10.9	10.2*	7.4	8.1*	5.6			7.3*	4.8	8.50	
-1.5 m		13.5*	13.5*	13.4*	11.0	10.5*	7.3	8.3*	5.5				7.7*	5.1	7.99	
-3.0 m	15.2*	15.2*	18.7*	18.7*	11.0*	13.4	10.1*	7.4					8.3*	5.9	7.13	
-4.5 m		15.9*	15.9*	11.5*	11.3								8.9*	8.1	5.75	

### ONE-PIECE BOOM - DIPPERSTICK 3200 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+7.5 m									4.0*	4.0*			3.2*	3.2*	7.71	
+6.0 m									5.3*	5.3*			3.1*	3.1*	8.60	
+4.5 m							6.1*	6.1*	5.7*	5.7*	3.9*	3.9*	3.2*	3.2*	9.15	
+3.0 m			15.6*	15.6*	9.5*	9.5*	7.4*	7.4*	6.4*	6.0	5.4*	4.6	3.3*	3.3*	9.44	
+1.5 m			7.2*	7.2*	11.9*	11.9*	8.7*	7.7	7.1*	5.7	6.2*	4.4	3.5*	3.5*	9.47	
0 m			8.9*	8.9*	13.4*	10.9	9.7*	7.4	7.7*	5.5	5.9*	4.3	3.9*	3.9*	9.27	
-1.5 m	8.7*	8.7*	12.2*	12.2*	13.9*	10.7	10.2*	7.2	8.1*	5.4			4.6*	4.4	8.80	
-3.0 m	12.1*	12.1*	16.5*	16.5*	13.7*	10.7	10.2*	7.2	8.0*	5.4			5.9*	5.0	8.02	
-4.5 m	16.1*	16.1*	17.9*	17.9*	12.6*	11.0	9.4*	7.3					8.0*	6.2	6.84	
-6.0 m					9.7*	9.7*							8.8*	8.8*	4.94	

### ONE-PIECE BOOM - DIPPERSTICK 4000 mm

HEIGHT	RADIUS OF LOAD															
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m	
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE		
+7.5 m													2.5*	2.5*	8.65	
+6.0 m													3.6*	3.6*	9.45	
+4.5 m									4.9*	4.9*	4.8*	4.7	2.4*	2.4*	9.95	
+3.0 m							6.3*	6.3*	5.6*	5.6*	5.2*	4.5	2.5*	2.5*	10.21	
+1.5 m			11.1*	11.1*	10.4*	10.4*	7.7*	7.7*	6.4*	5.6	5.7*	4.3	2.6*	2.6*	10.25	
0 m	4.7*	4.7*	9.5*	9.5*	12.3*	10.9	8.9*	7.3	7.1*	5.4	6.1*	4.2	2.9*	2.9*	10.06	
-1.5 m	7.3*	7.3*	11.3*	11.3*	13.4*	10.5	9.7*	7.0	7.7*	5.2	6.4*	4.1	3.3*	3.3*	9.63	
-3.0 m	10.1*	10.1*	14.3*	14.3*	13.6*	10.4	10.0*	6.9	7.9*	5.1			4.0*	4.0*	8.93	
-4.5 m	13.2*	13.2*	18.5*	18.5*	13.0*	10.5	9.7*	6.9	7.5*	5.2			5.4*	4.9	7.888	
-6.0 m			16.1*	16.1*	11.2*	10.8	8.2*	7.2					7.7*	6.8	6.31	

### TRIPLE ARTICULATION - DIPPERSTICK 2100 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m							7.0*	7.0*							6.5*	6.5*	4.73
+7.5 m							6.6*	6.6*	5.4*	5.4*					5.0*	5.0*	6.44
+6.0 m							7.0*	7.0*	5.3*	5.3*					4.4*	4.4*	7.48
+4.5 m							6.7*	6.7*	4.7*	4.7*	4.5*	4.5*			4.2*	4.2*	8.12
+3.0 m							10.2*	10.2*	6.1*	6.1*	5.1*	5.1*	4.8*	.8*	4.1*	4.1*	8.43
+1.5 m							20.0*	20.0*	8.5*	8.5*	6.0*	6.0*	5.3*	5.3*	4.2*	4.2*	8.48
0 m							19.7*	19.7*	12.4*	10.9	7.9*	7.3	5.5*	5.5	4.5*	4.5*	8.24
-1.5 m	18.2*	18.2*	16.2*	16.2*	11.3*	10.8	8.6*	7.3	5.5*	5.5*				5.1*	5.1*	7.71	
-3.0 m	23.5*	23.5*	13.9*	13.9*	8.9*	8.9*	6.8*	6.8*						6.3*	6.3*	6.81	
-4.5 m																	

### TRIPLE ARTICULATION - DIPPERSTICK 2400 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+9.0 m															5.6*	5.6*	5.46
+7.5 m							6.8*	6.8*	5.1*	5.1*					4.5*	4.5*	7.00
+6.0 m							6.6*	6.6*	4.9*	4.9*	4.4*	4.4*			4.0*	4.0*	7.96
+4.5 m							12.0*	12.0*	7.0*	7.0*	4.6*	4.6*	4.6*	4.6*	3.8*	3.8*	8.56
+3.0 m							9.7*	9.7*	7.1*	7.1*	4.6*	4.6*	4.9*	4.9*	3.7*	3.7*	8.86
+1.5 m							14.3*	14.3*	5.8*	5.8*	5.3*	5.3*	5.1*	5.1*	3.8*	3.8*	8.90
0 m	20.0*	20.0*	12.6*	12.6*	7.9*	7.9*	7.2*	7.2*	5.3*	5.3*	5.1*	5.1*			4.1*	4.1*	8.68
-1.5 m	14.4*	14.4*	12.7*	12.7*	12.0*	10.8	8.7*	7.2	5.6*	5.5				4.6*	4.6*	8.18	
-3.0 m	19.6*	19.6*	13.8*	13.8*	11.6*	10.8	7.4*	7.3						5.5*	5.5*	7.34	
-4.5 m	23.4*	23.4*	13.8*	13.8*	9.3*	9.3*											

### TRIPLE ARTICULATION - DIPPERSTICK 3200 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+10.5 m															4.1*	4.1*	4.52
+9.0 m															3.3*	3.3*	6.65
+7.5 m									4.6*	4.6*	4.2*	4.2*			3.0*	3.0*	7.95
+6.0 m							6.3*	6.3*	4.9*	4.9*	2.9*	2.9*			2.9*	2.9*	8.81
+4.5 m							11.2*	11.2*	6.9*	6.9*	4.7*	4.7*	4.1*	4.1*	2.9*	2.9*	9.36
+3.0 m	10.8*	10.8*	10.5*	10.5*	6.2*	6.2*	4.1*	4.1*	4.2*	4.2*	3.6*	3.6*	3.0*	3.0*	3.0*	3.0*	9.63
+1.5 m	11.7*	11.7*	10.8*	10.8*	6.5*	6.5*	4.8*	4.8*	4.6*	4.6*	3.7*	3.7*	3.2*	3.2*	3.2*	3.2*	9.67
0 m	8.5*	8.5*	9.6*	9.6*	9.3*	9.3*	5.9*	5.9*	5.1*	5.1*	3.7*	3.7*	3.4*	3.4*	3.4*	3.4*	9.47
-1.5 m	10.4*	10.4*	12.4*	12.4*	13.2*	10.6	7.7*	7.1	5.3*	5.3*				3.7*	3.7*	9.01	
-3.0 m	13.9*	13.9*	13.3*	13.3*	10.8*	10.6	8.4*	7.1	5.1*	5.1*				4.3*	4.3*	8.26	

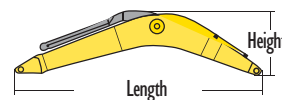
### TRIPLE ARTICULATION - DIPPERSTICK 4000 mm

HEIGHT	RADIUS OF LOAD																
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX REACH		REACH m		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE			
+10.5 m									2.9*	2.9*					3.0*	3.0*	6.04
+9.0 m									4.4*	4.4*	2.5*	2.5*			2.5*	2.5*	7.76
+7.5 m									4.4*	4.4*	3.4*	3.4*			2.3*	2.3*	8.90
+6.0 m									4.4*	4.4*	3.3*	3.3*			2.2*	2.2*	9.67
+4.5 m							6.3*	6.3*	4.8*	4.8*	3.2*	3.2*	2.2*	2.2*	2.2*	2.2*	10.17
+3.0 m	16.1*	16.1*	11.0*	11.0*	6.6*	6.6*	4.3*	4.3*	3.2*	3.2*	2.4*	2.4*	2.4*	2.4*	2.3*	2.3*	10.42
+1.5 m	7.4*	7.4*	8.9*	8.9*	5.3*	5.3*	3.9*	3.9*	3.4*	3.4*	3.3*	3.3*	3.3*	3.3*	2.4*	2.4*	10.46
0 m	6.9*	6.9*	9.3*	9.3*	7.3*	7.3*	4.9*	4.9*	4.0*	4.0*	3.5*	3.5*	2.5*	2.5*	2.5*	2.5*	10.27
-1.5 m	7																

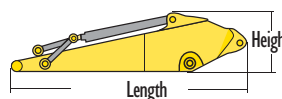


# COMPONENT WEIGHTS & DIMENSIONS (mm)

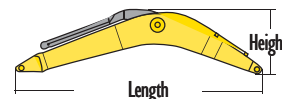
E265C BOOM		MONO BOOM		TRIPLE ARTICULATION	
Length	mm	6200		min 4650 - max 6240	
Height	mm	1610		min 3300 - max 1450	
Width	mm	760		760	
Weight	kg	2100		2640	



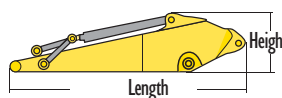
E265C ARM		2160	2500	2980	3660
Length	mm	3290	3590	4060	4930
Height	mm	1030	900	900	900
Width	mm	330	330	330	330
Weight	kg	1150	1200	1380	1490



E305C BOOM		MONO BOOM		TRIPLE ARTICULATION	
Length	mm	6410		min 4650 - max 6240	
Height	mm	1720		min 3310 - max 1360	
Width	mm	940		940	
Weight	kg	2100		2640	



E305C ARM		2100	2400	3200	4000
Length	mm	3240	3510	4300	5100
Height	mm	1080	930	930	990
Width	mm	670	670	670	670
Weight	kg	1280	1270	1440	1740



Includes bucket cylinder, linkage and pin

Counterweight	kg	6200
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## STANDARD EQUIPMENT

- Tier 4 interim Engine 6 cylinders 6.7 liters
- SCR Engine Technology
- 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
- Automatic fuel electrical pump
- Tool box
- Centralized boom lubrication
- Grease bath swing ring
- Standard -25° C engine cold start aid
- Rear mirror
- Rear view camera
- Two spot lights on lifting boom
- Cab with structures compliant per ISO 12177-2 (ROPS) and ISO 10262 (FOPS)
- 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, diesel exhaust tank and fuel economy. Menu functions for fuel consumption graphing, maintenance schedules, system status. Auto-Idling mode selector.
- Automatic air conditioner
- Radio USB&Bluetooth with speakers set
- Heavy lift switch
- 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
- 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 E265C :  
2160 - 2500 - 2980 - 3660
- Arm E305C :  
2100 - 2400 - 3200 - 4000
- Shoes:  
EL 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.

# 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.



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