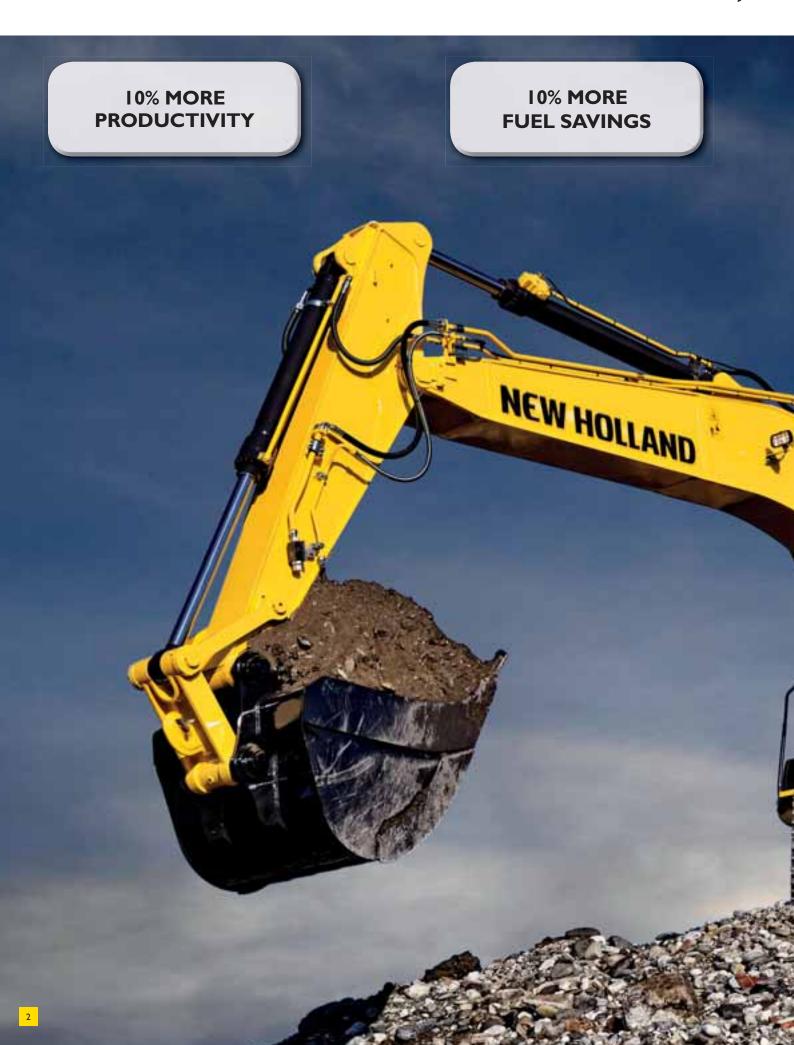




	E265C	E305C
ENGINE POWER	142 kW - 191 hp	152 kW - 204 hp
MAX OPERATING WEIGHT	27940 kg	31870 kg
BUCKET CAPACITY	0.58 - 1.40 m ³	0.60 - 1.65 m ³



AS LONG AS MAN SHAPES MATERIALS, W



EWILL PROVIDETHETOOLS



THE MAIN COMPONENTS OF OUR CRA



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.



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



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.



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 Hydrotonic continuously adjusts the flow and speed to match the requirements, ensuring a smooth transition when switching from ligher work to heavy digging.

SPEED AND EFFICIENCY WITH CONFLUX

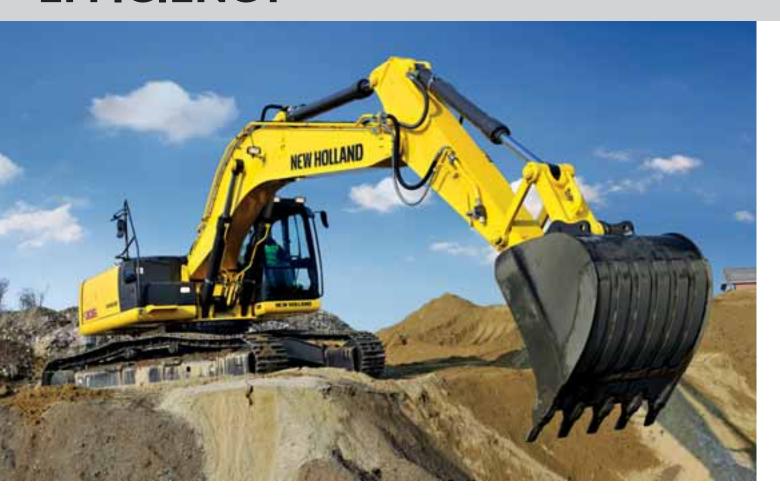
The Conflux is an automatic hydraulic regeneration feature that diverts unused oil to feed the cylinder that needs it.

This process is faster and more energy efficient than re-pumping oil, resulting in faster "dipper in" movement and greater efficiency.

FAST CYCLETIME

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.



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 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.

Yes to the biodiesel!

All New Holland Tier3 interim compliant products which use our FPT 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, CNH 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. CNH Industrial received a score of 88/100 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.

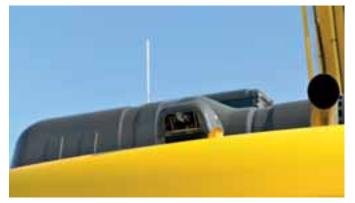




EVOLUTION IN SAFETY

The 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 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 optional 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.

LONG LIFE HYDRAULIC OIL

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

BILITY



MORE RELIABILITY AND DURABILITY WITH THE HEAVY DUTY DESIGN

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

BUCKET LINKAGE WITH DOUBLE BUSHING

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

ARM PROTECTION

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

BUILT TO LAST

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

E265C

SPECIFICATIONS



ENGINE TIER 3

Make and model	FPT F4HE9684C
Engine Power (ISO 14396/ECE RI	20) 142 kW/191 hp (2000 rpm)
Maximum torque	848 Nm (1400 rpm)
TypeWater-cooled, direct inj	ection, common-rail type diesel engine
	with turbo-charger and intercooler.
Displacement	6.7 l
N. of cylinders	6
	104 x 132 mm
Remote engine oil filter for ea	asy replacement
Electronic engine rpm contro	l, dial type
Auto-Idling selector returns en	gine to minimum rpm when all
controls are in neutral position	
Outside temperature start as	standard equipment:
	25°/+45°
Cold climate (CIS) version	200/1/400
The engine complies with 97/68/EC	



ELECTRICAL SYSTEM

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



TRANSMISSION

Typeh	ydrostatic, two-speed, Automatic DownShift
Travel motors	axial piston type, double displacement
	automatic discs type
	oil bath, planetary reduction
Gradeability	
	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

Tremoreed drack chain with scaled bu	JIIIIK	
	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	600-700
	800-900	800-900
Shoe type	Tractor type trip	ole grouser shoe
No. for each side		51
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

riyuraulic pullip	
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	



CAPACITIES

18.3
460 l
280
25



Swing motor	axial piston type
Swing brake	
Swing speed	



CAB AND CONTROLS

Operator's cab

Structure	Fully enclosed steel structure
EVO operator	cabevolution in comfort
	tional can be 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 opt. selected)
0	

Operator's seat

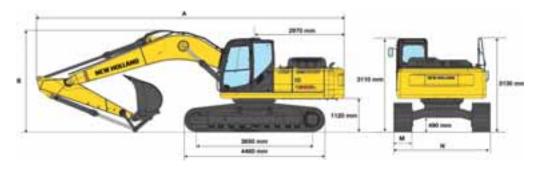
Operator's seatAdjustable and reclining device Operation

TravelTwo hand levers or two foot pedals for forward and backward operations of each track independently Excavating and swingTwo 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

ARM		EL VERSION LC VERSION			ELVERSION				
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

DIGGING PERFORMANCE

ARM		2160	2500	2980	3660
A - Max. digging reach	mm	9610	9880	10290	10960
B - Max. digging reach at ground level	mm	9430	9700	10120	10800
C - Max. digging depth	mm	6110	6460	6940	7600
C' - 2.4 mt level digging depth	mm	5880	6250	6760	7450
D - Max. digging height	mm	9620	9710	9840	10260
E - Max. dumping clearance	mm	6690	6760	6910	7310
F - Min. swing radius	mm	3930	3930	3930	3940

BREAKOUT FORCE

ARM	2	160	2500	2980	3660
Bucket dal	1 18	700	18700	18700	18700
Dipperstick dal	1 18	500	15900	12400	10500

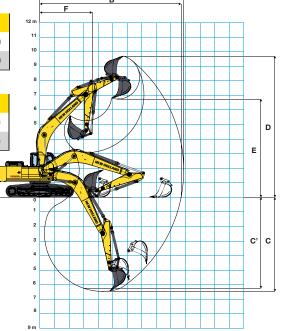
WITH "POWER BOOST" ON

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

	BUCKETS			E265	C EL			E265	C LC	
Width (mm)	Capacity m ³ SAE J296 (ISO 7451)	Weight (kg)	2160	2500	rm mm	3660	2160	Arm 2500	mm 2980	3660
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/m³)

Slightly heavy digging work (specific weight of material < 1,5 t/m³)





LIFTING CAPACITY

ELVERSION

MONOBOOM - DIPPERSTICK 2160 mm

						F	RADIU	IS OF	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 2500 mm

						F	RADIL	IS OF	F LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0		at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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*	5.5			4.9*	4.6	8.43
+3.0 m					9.5*	9.5*	7.4*	7.2	6.4*	5.3			5.1*	4.3	8.73
+1.5 m					11.7*	9.9	8.5*	6.8	7.0*	5.1			5.6*	4.2	8.77
0 m			7.7*	7.7*	12.9*	9.5	9.4*	6.6	7.6*	5.0			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

LCVERSION

MONOBOOM - DIPPERSTICK 2160 mm

						R	RADIL	IS OF	LOA	D					
HEIGHT	1.5		3.0		4.5		6.0		7.5		9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 2500 mm

						F	RADIL	JS OF	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT		m
+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*	99*	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

MONOBOOM - DIPPERSTICK 2980 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0		at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													3.7*	3.7*	7.36
+6.0 m									4.9*	4.9*			3.6*	3.6*	8.29
+4.5 m									5.3*	5.3*			3.6*	3.6*	8.86
+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	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	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															

MONOBOOM - DIPPERSTICK 3660 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0		7.5		9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													2.8*	2.8*	8.24
+6.0 m											3.0*	3.0*	2.8*	2.8*	5.07
+4.5 m									4.7*	4.7*	4.2*	4.2*	2.8*	2.8*	9.60
+3.0 m							6.0*	6.0*	5.4*	5.3	5.0*	4.1	2.9*	2.9*	9.87
+1.5 m			9.9*	9.9*	9.8*	9.8*	7.3*	6.9	6.2*	5.1	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			15.4*	15.4*	10.7*	9.7							8.1*	7.0	5.73

MONOBOOM - DIPPERSTICK 2980 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													3.7*	3.7*	7.36
+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*	173*	12.1*	10.5	9.0*	7.1					8.2*	6.5	6.44

MONOBOOM - DIPPERSTICK 3660 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													2.8*	2.8*	8.24
+6.0 m											3.0*	3.0*	2.8*	2.8*	9.07
+4.5 m									4.7*	4.7*	4.2*	4.2*	2.8*	2.8*	9.60
+3.0 m							6.0*	6.0*	5.4*	5.4*	5.0*	4.4	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





SPECIFICATIONS



ENGINE TIER 3

ELECTRICAL SYSTEM

The engine complies with 97/68/EC Stage 3A (Tier3)

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



TRANSMISSION

Туре	hydrostatic, two-speed, Automatic DownShift
Travel motors	axial piston type, double displacement
Brakes	automatic discs type
Final drive	oil bath, planetary reduction
Gradeability	
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

LC
00
00
shoe
50
0 mm
00 00 shoe 50



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 21 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	29 MPa
Pilot control Circuit	



CAPACITIES

Engine oil	18.3 ا
Fuel tank	
Hydraulic system (incl. 170 I tank)	280 I
Cooling system	
0 /	



SWING

Swing motor	axial piston type
Swing brake	
Swing speed	•



CAB AND CONTROLS

Operator's cab

Structure	Fully enclosed steel structure
EVO operator cab	evolution in comfort
and safety. Options	al can be compliant to ROPS (ISO 12117-2) and FOPS
, ,	(ISO 10262 level II) standards
Rear camera	optional
	integrated multi-function control monitor
	h integrated rear view camera display. (if opt. selected)
0	

Operator's seat

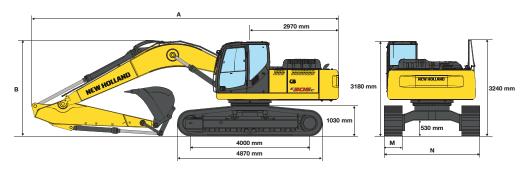
Operator's seatAdjustable and reclining device

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

ARM		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	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

DIGGING PERFORMANCE

ARM		2100	2400	3200	4000
A - Max. digging reach	mm	9800	10100	10800	11600
B - Max. digging reach at ground level	mm	9600	9900	10600	11400
C - Max. digging depth	mm	6200	6500	7200	8000
C' - 2,4 mt level digging depth	mm	6000	6300	7300	7900
D - Max. digging height	mm	9600	9900	10200	10600
E - Max. dumping clearance	mm	3735	3385	2581	1781
F - Min. swing radius	mm	4200	4200	4200	4300

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

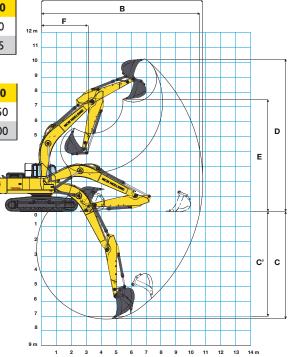
	BUCKETS			E305	C EL			E305	C LC	
Width	Capacity m ³	Weight		A	lrm mm	1		Arm	mm	
(mm)	SAE J296 (ISO 7451)	(kg)	2100	2400	3200	4000	2100	2400	3200	4000
800	0.60	620								
1000	0.80	720								
1200	1.10	820								
1400	1.40	930								
1600	1.65	1050				Χ				Х

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

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

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

X Bucket not applicable





LIFTING CAPACITY

ELVERSION

MONOBOOM - DIPPERSTICK 2100 mm

						F	ADIL	IS OF	LOA	D					
HEIGHT	1.5		3.0		4.5		6.0		7.5		9.0		at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 2400 mm

	RADIUS OF LOAD														
HEIGHT	1.5		3.0		4.5		6.0		7.5		9.0		at max		REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

LCVERSION

MONOBOOM - DIPPERSTICK 2100 mm

						R	ADIL	IS OF	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 2400 mm

						F	RADIL	IS OF	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0		at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 3200 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0		7.5		9.0		at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 4000 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													2.5*	2.5*	8.65
+6.0 m											3.6*	3.6*	2.4*	2.4*	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*	10.8	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

MONOBOOM - DIPPERSTICK 3200 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0		4.5		6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+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

MONOBOOM - DIPPERSTICK 4000 mm

						F	RADIL	IS OI	LOA	D					
HEIGHT	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	at max	REACH	REACH
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	m
+7.5 m													2.5*	2.5*	8.65
+6.0 m											3.6*	3.6*	2.4*	2.4*	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

COMPONENT WEIGHTS & DIMENSIONS (mm)

E265C BOOM		MONO BOOM
Length	mm	6200
Height	mm	1610
Width	mm	760
Weight	kg	2100

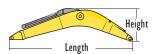
E265C ARM		2160	2500
Length	mm	3290	3590
Height	mm	1030	900
Width	mm	330	330
Weight	kg	1150	1200

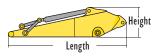
E305C BOOM		MONO BOOM
Length	mm	6410
Height	mm	1720
Width	mm	940
Weight	kg	2100

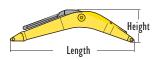
E305C ARM		2100	2400
Length	mm	3240	3510
Height	mm	1080	930
Width	mm	670	670
Weight	kg	1280	1270

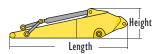
Includes bucket cylinder. linkage and pin

Counterweight	kg	6200









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
- I 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 fuel consumption graphing, maintenance schedules, system status. Auto-Idling mode selector.
- · Automatic air conditioner
- · Pressure drain switch
- Horn

OPTIONS

- Radio USB&Bluetooth with speakers set
- Rear view camera
- Automatic fuel electrical pump
- Cab with structures compliant per ISO 12177-2 (ROPS) and ISO10262 (FOPS)
- 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

PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines.

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



AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

Printed in Italy - MediaCross Firenze - Cod IR2304NCGB - Printed 07/12

Printed on recycled paper CoC-FSC 000010 CQ Mixed sources





Picture on page 11 by courtesy of Matthieu Colombo - Publishing House «La Fiaccola».

