



NEW HOLLAND

E 265 B

NEW HOLLAND KOBELCO



NET FLYWHEEL POWER	142 kW - 190 hp
MAX OPERATING WEIGHT	28 270 kg
BUCKET CAPACITY	0.58 - 1.40 m ³



NEW HOLLAND

CONSTRUCTION

BUILT AROUND YOU

E265B* THE PE

TOP EFFICIENCY

Productivity (m³/l) + 15%

- NEW high torque, more powerful common rail engine
- NEW generation hydraulic pumps
- NEW hydraulic system
- NEW stronger undercarriage
- NEW heavy duty booms
- NEW flow & pressure set up system
- NEW operator compartment

C.P.B. (Continuous Power Boost)

Continuous Power Boost is a feature of excellence of the E265B. Continuous Power Boost means that, if the operator is facing a very tough application, he can select this function (hydraulic pressure raises to 37.8 Mpa) **with no time limit**. Continuous Power Boost allows him to work without problems in job-site productivity and machine reliability. **A unique feature only offered by New Holland.**

* A product of the global alliance between New Holland and KOBELCO

PERFORMANCE

SUPERIOR & SAFE DYNAMIC STABILITY

The whole structure of E265B has been redesigned to guarantee a perfect match with its high performances by improving position of centre of gravity, by optimising stresses distribution and by adopting higher quality steel plates. To eliminate bumps and shocks to the whole structure when the pistons reach their stroke end, cylinders have been equipped with automatic recovery and cushioning systems. The long undercarriage of both EL and LC versions, together with the weight strategically distributed in its structure, contribute to enhance machine stability while avoiding unpleasant jumping effects.



E265B THE PO



RESPECTING THE ENVIRONMENT

The E265B is compliant with European Directives concerning electromagnetic compatibility and noise level. The emissions of the new Tier 3A CNH engine have been dramatically reduced and are, as shown below, much lower than standard requirements.

CO: 0.69, HC: 0.05, NOx: 3.72, Particulate: 0.15 (*)

In addition, this engine can use normal diesel, with up to 20% of Biodiesel added...

...a real Environmentally Friendly machine.

(*) all data are expressed in g/kWh



POWER OF CONTROL



POWERFUL CNH ENGINE

The newly set CNH, 6 cylinders, 6.7 litres common rail engine develops a higher power of 142 kW at 2100 rpm and a higher torque of 848 Nm at 1400 rpm.....**an extremely flexible and responsive power plant.**

A large displacement, common rail engine guarantees:

- Lower fuel consumption
- High torque for higher productivity
- Longer lifespan
- Higher reliability

NEW HYDRAULIC PUMPS

The E265B is equipped with two new generation low noise hydraulic pumps able to supply a high flow: **state-of-the-art pumps, easy to control, prompt to react to all requirements and extremely noiseless.**

ELECTRONIC CONTROL

Sensors are located in the pilot lines, sending signals to the on-board computer that are proportional to the manipulator's strokes. These signals are managed together with engine r.p.m. to tune the quantity of hydraulic oil requested **to guarantee extremely smooth and precise controls, excellent stability and steady speed during simultaneous operations.**



LOW EFFORT & PRECISE JOYSTICKS

All machine movements can be smoothly controlled by **low effort joysticks...** a real, effective **Control of Power** allowing longer work times with less fatigue. The joystick illustrated is supplied as an option, together with rotating bucket circuit.



E265B ADVANC



NEW HYDRAULIC SYSTEM

EFFICIENCY AND CONTROLLABILITY

To obtain a Hydraulic System which is much more efficient, controllable, fast and powerful, and which consumes less fuel than previously, New Holland engineers have been working not only on pumps but also on a completely redesigned and refined Control Valve adding a second arm spool and new working mode selection functions. Movement speed has been increased and machine controllability improved, especially on operations that require combined movements.

This outstanding characteristic is further enhanced by the new **H.A.O.A. Control**.

H.A.O.A. (Hydrotronic Active Operation Aid)

Hydrotronic Active Operation Aid is the most effective available combination of an extremely advanced electronic technology that provides a “just in time” comprehensive control of all machine functions, and a deeply refined and sophisticated hydraulic system. H.A.O.A. continuously optimises hydraulic output according to operator and job demand, providing the best machine controllability, productivity, operator comfort and fuel savings.

ED HYDRAULIC SYSTEM

A.E.P. - (Advanced Electronic Processor)

A.E.P. is a new Electronic Processor that interacts with the operator for selecting and monitoring all main working parameters, maintenance notifications, self diagnosis and operating data storage.

All this information is displayed in the new monitor, which features a larger back-lit, easier to read digital display and analogic gauges.

Simply select the requested working mode and A.E.P. pre-sets the hydraulic system to accomplish the job in the easiest and most productive way:

- **S mode** for normal working operations

- **H mode** when maximum power is required

Two additional modes are available for special applications and to operate tools like breakers and crushers:

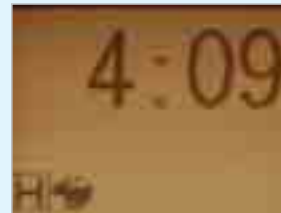
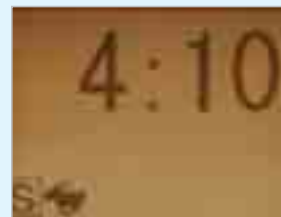
- **A mode** adjusts the attachment circuit for tools which require two way flow.

A dedicated switch on the dashboard, enables the operator to select two pumps oil flow

- **B mode** for attachments featuring one way flow only

Both in A and B working modes the operator, by using the buttons on the monitor, may adjust the flow by 10 l/min steps and the pressure by 10 bars steps to perfectly match the parameters of the attachment being used.

In addition, the operator can save to memory 9 combinations of flow and pressure in both A and B working modes, for a total of 18 combinations.



D.O.C. (Dipperstick Optimised Control)

The newly redesigned Control Valve features a second spool dedicated to dipperstick operation. The movement "dipper out" is now achieved with a double flow, i.e., using the flow of the two pumps. The "dipper in" movement is even faster because of the double pump flow combined with the "Conflux", or recirculation of unused oil which is diverted from return to tank.

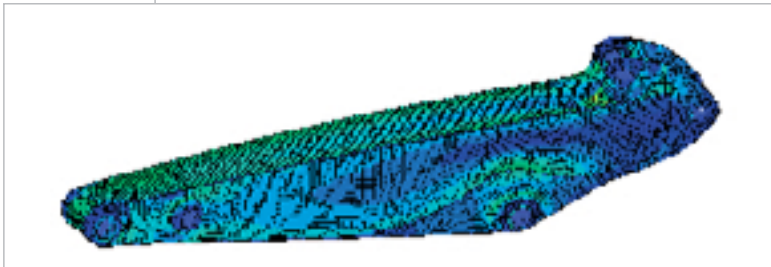
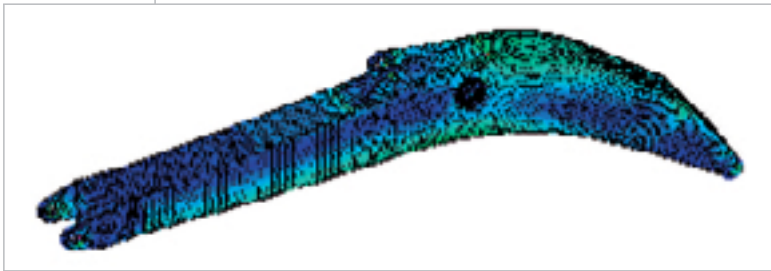
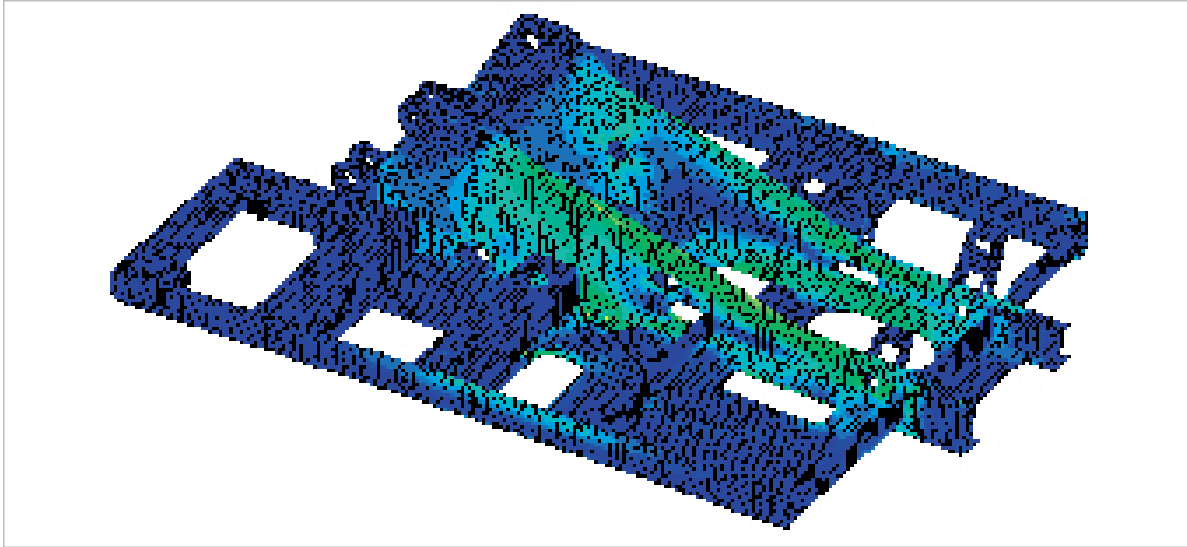
A perfect combination of speed, efficiency, precision and increased production.

OBJECT HANDLING KIT

European Standards state rules of thumb that do not allow free interpretation to each European Country. In case of object handling operations, an excavator can be used **only if certified by manufacturer** that it is equipped with all safety devices required by European Standards EN 474-5 : 1996. New Holland , confirming its commitment to grant high performances in an extremely safe environment, offers its customers the **optional Object Handling Kit** for maximum operator confidence.

E265B HIGH RE

TOP DESIGN & PRODU



Booms and Arms have been redesigned using advanced CAD (Computer Aided Design) and FEM (Finite Elements Methodology) Systems to get higher strength **only** in those areas where stresses are concentrated.

These sophisticated design methodologies are combined with the most advanced production technologies, providing high tensile steel plates that are cut, assembled and welded at the New Holland plant, which since many years holds the prestigious **"Vision 2000" Quality Certification**.

The same innovative guidelines, to achieve **Heavy Duty** maximum strength together with outstanding torsional and flexional resistance, are applied in design and manufacture of upper structure and the undercarriage.

T NEW BOOM & ARM

To further extend Arms durability even in rocky applications, New holland offers as optional a robust Arm protection.



LIABILITY & DURABILITY CTION TECHNOLOGIES



LONG & STRONG UNDERCARRIAGE FOR BOTH VERSIONS

The length of 3846 mm of both versions EL & LC grants machine durability, reliability, stability and performance, together with high flotation in swamp areas and greater operator comfort.

TRACK GUIDE

A central mounted track guide is supplied as standard equipment on both track frames. If machine has to work and move in very uneven and rocky terrain, customers may choose the **optional 4 additional track guides** which are mounted, two per track frame, front and rear of the central ones. They contribute to keeping the chains on the rollers and protecting them at the same time, resulting in **extended durability, maximum efficiency and safety.**

BUCKET LINKAGE WITH DOUBLE BUSHING

The arm/bucket long-life internal bushing now has extra protection from wear due to contact with the bucket linkage, thanks to new additional external bushings made from anti-wear steel material. When the radial surface is worn this new bushing can be easily changed, thus increasing pin and bushing durability while reducing ownership costs.



E265B OPERATOR



NEW ONE-HAND WINDSCREEN OPENING

One-touch lock release simplifies opening and closing the front window, while a new mechanism makes it lighter.



INSTRUMENT LAYOUT

In-cab switches and controls have been moved to the right-hand side in an easy to reach and more ergonomic position, thus improving operator comfort and convenience.



NEW A. E. P. MONITOR

The newly designed A.E.P. Monitor, features analogical gauges which provide one sight advice, regardless of the operating environment.

The digital Display Screen has been enlarged to further enhance visibility. Maintenance information is clearly displayed and the self-diagnostic function provides an early warning detection of malfunctions.

Details of any previous breakdown or malfunction are also stored.

R SAFETY AND COMFORT

NEW CAB INTERIOR

The interior of the cab has been completely re-designed to maximise operator comfort and to enable optimum operator performance.

All switches and controls are now ergonomically positioned on the right side, easy to find and to reach.

The radio and the new, more powerful and effective automatic air-conditioning system are standard equipment, creating an agreeable working atmosphere regardless of external weather conditions. At the same time, new interior design and materials create an elegant feeling. Rigid cab construction, combined with six silicon liquid filled viscous dampers, minimises vibrations.

Threaded holes, built into the cab structure, enable fast and easy attachment of optional FOPS structure and front guard, effectively contributing to operator safety.



NEW COMFORTABLE SEAT

New comfortable contoured seat which can be adjusted in all directions and back and forth, together with or independently of side consoles. The armrests, integrated on side consoles, can be lifted/lowered into four different positions and inclined, enabling the operator to set the correct position for maximum convenience and comfort.



UNIQUE REAR CAMERA WITH “DEDICATED” IN CAB SCREEN

This is a very special option, enhancing active safety for both the operator and others on the job site.

The **“dedicated screen”** is mounted inside the cab and is **unique to New Holland**.

It allows the operator, whilst working, to simultaneously control both the job going on behind his machine and the machine's functional parameters, thanks to the **A.E.P.** display, which operates constantly.

A really unique and outstanding feature in terms of **safety and comfort**.





E265B EASY MAIN

DESIGNED TO EFFECTIVELY CUT OPERATING COSTS

T CLEAN AND ACCESSIBLE LAYOUT

The new machine layout has been designed to make inspections, maintenance and servicing much easier and less time-consuming. The engine oil filter, the fuel filter and the water separator are remote mounted and easy to reach from ground level. Both the fuel filter and the water separator, which removes contaminants and water, have an important function for engine performance and durability. Cooling components (radiator, hydraulic oil cooler and intercooler) are now mounted in parallel, which means increased cooling efficiency for higher component reliability whilst being easier to check and clean.



The simplified layout of all vital components of the New Holland E265B under both the right and the left side panels makes maintenance much easier, less time consuming and less costly, and provides much better access for servicing. There is plenty of room in all compartments and most components are positioned in such a way to enable easy access from ground level. **An elegant and modern design added to state-of-the-art technology.**

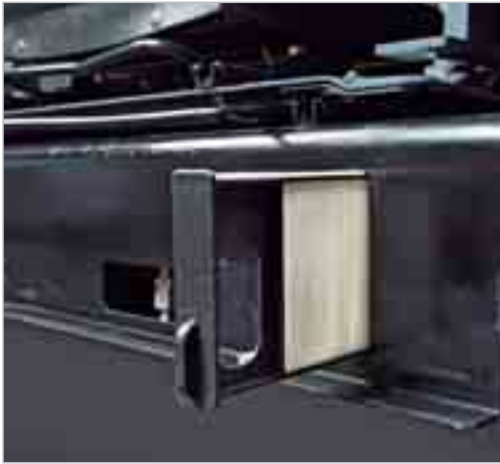


M CENTRALISED GREASING

Maintenance procedures are also improved thanks to new grouped and centralised greasing points, which allow all boom wear points to be easily greased from ground level, after every 500 hours-long lasting intervals! On request, the E265B can be equipped with an **“Automatic Centralised Greasing System”** to supply all wear points of the machine with the right quantity of grease at the right time. A winning tool to **simultaneously reduce maintenance procedures and costs while improving machine reliability and durability.**



MAINTENANCE & SERVICEABILITY



INSIDE CAB MAINTENANCE

- Airconditioning filter, positioned under the seat, can be easily removed without tools and from ground level, for easy cleaning.
- Detachable two-piece floormat with handles for easy removal. A floor drain is located under the mat to facilitate inside cab cleaning.



FUSES

The fuses are inside the cab, protected from dust and water as well as easy to reach and control.



TOOL BOX

The tool box has been completely redesigned with a side-opening panel. It stores a new electric immersion type fuel pump, with automatic stop and alarm when the tank is full. The repositioning of the batteries (under the cooling components) and of the fuses (inside the cab) makes room in the compartment behind the cab for an additional wide and useful tool box.

E265B SPECIFICATIONS



ENGINE TIER 3A

Net flywheel power (ISO 14396/ECE R120) 142 kW/190 hp
 Governed 2100 rpm
 Make and model CNH 667TA/EEE
 Type diesel, common rail, direct injection,
 turbocharged, intercooler

Displacement 6.7 l
 Number of cylinders 6
 Bore x stroke 104 x 132 mm
 Maximum torque at 1400 rpm 848 Nm

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 TIER 3A



ELECTRICAL SYSTEM

Voltage 24 V
 Alternator 70 A
 Starter motor 4 kW
 Standard maintenance-free batteries 2
 Capacity 160 Ah



HYDRAULIC SYSTEM

Higher capacity pumps, to supply higher flow at lower rpm;
Redesigned Main Control Valve, with added 2nd dipper spool and new Fail Safe Functions;

Bigger radius piping with SAE flange ports;

H.A.O.A. (Hydrotronic Active Operation Aid) to get the best hydraulic output according to operator/ application demand;

E.S.S.C. (Engine Speed Sensing Control) device, for total installed hydraulic power exploitation;

D.O.C. (Dipper Optimised Control) thanks to the 2nd dedicated spool in the Control Valve and to the Conflux system;

C.P.B. (Continuous Power Boost) to allow the operator to use extra power when and how long it is needed;

A.E.P. (Advanced Electronic Processor) interacting with the operator for selecting and monitoring main working parameters, maintenance programmes, self diagnosis and operating data storage thanks to the new monitor with a larger digital display and analogical gauges;

Two working modes:

- **S** = for normal digging operation;
- **H** = when maximum power is required;

Two Attachments modes:

- **A** = for attachments which require double pump flow;
- **B** = for attachments, such as breaker, featuring one way flow only.

Standard double pump flow device and Diverter Valve automatically actuated while selecting A;

Pipe pressure discharge push button to facilitate tooling changeover without piping oil leakage;

Super Fine hydraulic filter (8 micron) to grant perfect oil filtration, contributing to increase oil change interval

Main pumps:

Two variable delivery pumps with electronic delivery adjustment. Pumps automatically revert to zero delivery with controls in neutral.

Maximum delivery 2 x 246 l/min

Piloting circuit gear type pump

Maximum delivery 20 l/min

Maximum operating pressure:

Equipment/travel 34.3 MPa

Swing 28.5 MPa

Power Boost 37.8 MPa

Hydraulic cylinders double effect
 - Lift (2) - bore x stroke 135 x 1235 mm
 - Penetration (1) - bore x stroke 145 x 1635 mm
 - Bucket (1) - bore x stroke 125 x 1200 mm
 - Positioning (only triple articulation)
 bore x stroke 150 x 1222 mm

Independent hammer/positioning control



TRANSMISSION

Type hydrostatic, two-speed

Travel motors 2, axial piston type, double displacement

Brakes automatic disc type

Final drive oil bath, planetary reduction

Gradeability (continuous) 70% (35°)

Travel speeds:

low from 0 to 3.6 km/h

high from 0 to 5.8 km/h

Drawbar pull 244 kN

Automatic DownShift device: to move travel motors to maximum displacement position with selector on "speed" position when greater traction is required.



SWING

Swing motor axial piston type

Swing brake automatic disc type

Final drive oil bath, planetary reduction

Slew ring grease bath type

Swing speed 11.0 rpm



CAB AND CONTROLS

Transparent upper cab roof.

Standard automatic conditioning.

Controls piloted

Two cross path pattern levers actuate all equipment movements and superstructure swing.

Two pedals with hand levers control all track movements, counter-rotation included.

A safety lever completely neutralizes the piloting circuit



UNDERCARRIAGE

X-frame undercarriage design

Reinforced track chain with sealed bushings.

	E265BEL	E265BLC
Track rollers (each side)	9	9
Carrier rollers (each side)	2	2
Length of track on ground (mm)	3846	3846
Gauge (mm)	2390	2590
Shoes (mm)	600-700 800-900	600-700 800-900



CAPACITIES

	litres
Lube oil	18.30
Coolant	25.00
Fuel tank	460.00
Hydraulic reservoir	280.00

STANDARD EQUIPMENT

- Automatic air conditioner
- Auto-Idling device
- Automatic fuel electrical pump
- Batteries, maintenance free
- Centralised boom lubrication
- Continuous Power Boost device
- Double pumps flow
- Engine rpm electronic control
- Foot pedal or lever travel control
- Front seal hydraulic piping and connections
- Grease bath swing ring
- HD chains
- Horn
- Hydraulically suspended cab with transparent opening roof
- Main control valve with 2 dipper spools and antidrift valves
- Mechanical or pneumatic seat
- Multi-function monitor
- One-piece boom or triple articulation
- Radio set
- H.A.O.A. (Hydrotronic Active Operation Aid)
- Swing and travel motors with automatic disc type brakes
- Tier 3A emissioned diesel engine
- Tool kit
- Two-speed intermittent operation windshield wiper
- Two travel speeds with Automatic Down Shift device
- Two working lights on boom and one on upperstructure

OPTIONS

- Antitheft device
- Automatic lubrication
- Biological hydraulic oil
- Cab additional lights and rain protection
- Cab FOPS
- Cab front guard
- Customer colour
- Dipperstick protection
- Hammer and crusher circuit
- HD Dipperstick:
 - 2160 mm
 - 2500mm
 - 2980mm
 - 3660mm
- Hydraulic quick coupler provision
- Lower frame cover
- Multi-purpose, rock and heavy duty buckets with boom/bucket adjustment device
- Object handling kit
- Rear view camera with dedicated display
- Rotating bucket circuit
- Shoes:
 - 600 - 700 - 800 - 900 mm
- Track guide

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

ONE PIECE BOOM

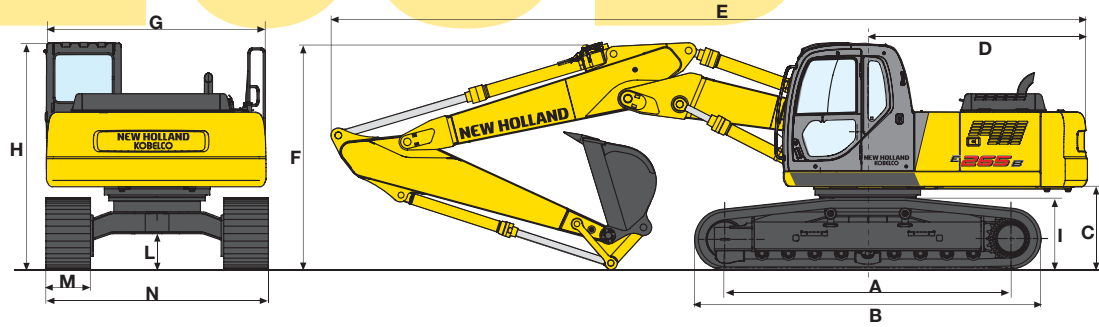
TRIPLE ARTICULATION

SPECIFICATIONS			E265B EL				E265B LC				E265B EL				E265B LC			
Digging height (mm)	Capacity (m ³) (ISO 7451)	Weight (Kg)	Dipper (mm)				Dipper (mm)				Dipper (mm)				Dipper (mm)			
			2160	2500	2980	3660	2160	2500	2980	3660	2160	2500	2980	3660	2160	2500	2980	3660
750	0.58	585	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
850	0.68	650	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1000	0.85	710	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1200	1.10	810	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1300	1.20	830	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1500	1.40	920	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

- General digging work (specific weight of material < 1.8 t/m³)
- Slightly heavy digging work (specific weight of material < 1,5 t/m³)
- Loading work (specific weight of material < 1,2 t/m³)

DIMENSIONS (mm) - OPERATING WEIGHTS

TRIPLE ARTICULATION

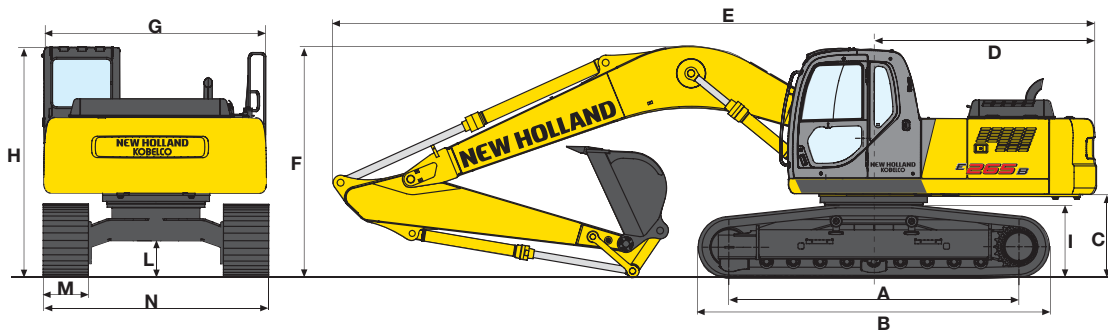


VERSIONS	A	B	C	D	E(*)	F(*)	G	H	I	L
					(1) 10336	(1) 3233				
E265BEL	3846	4643	1056	2970	(2) 10203	(2) 3202	2950	3055	960	477
					(3) 10184	(3) 3119				
					(4) 10158	(4) 3320				
					(1) 10336	(1) 3233				
E265BLC	3846	4643	1056	2970	(2) 10203	(2) 3202	2950	3055	960	477
					(3) 10184	(3) 3119				
					(4) 10158	(4) 3320				

(*) Dipperstick: (1) 2160 mm, (2) 2500 mm, (3) 2980 mm, (4) 3660 mm

		E265BEL				E265BLC			
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	27220	27550	27880	28210	27280	27610	27940	28270
Specific ground pressure	bar	0.58	0.50	0.44	0.40	0.58	0.50	0.45	0.40

ONE - PIECE BOOM



VERSION	A	B	C	D	E(*)	F(*)	G	H	I	L
					(1) 10292	(1) 3420				
E265BEL	3846	4643	1056	2970	(2) 10172	(2) 3338	2950	3055	960	477
					(3) 10117	(3) 3184				
					(4) 10127	(4) 3316				
					(1) 10292	(1) 3420				
E265BLC	3846	4643	1056	2970	(2) 10172	(2) 3338	2950	3055	960	477
					(3) 10117	(3) 3184				
					(4) 10127	(4) 3316				

(*) Dipperstick: (1) 2160 mm, (2) 2500 mm, (3) 2980 mm, (4) 3660 mm

		E265BEL				E265BLC			
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	26320	26650	26980	27310	26380	26710	27040	27370
Specific ground pressure	bar	0.56	0.49	0.43	0.39	0.56	0.49	0.43	0.39

DIGGING PERFORMANCE

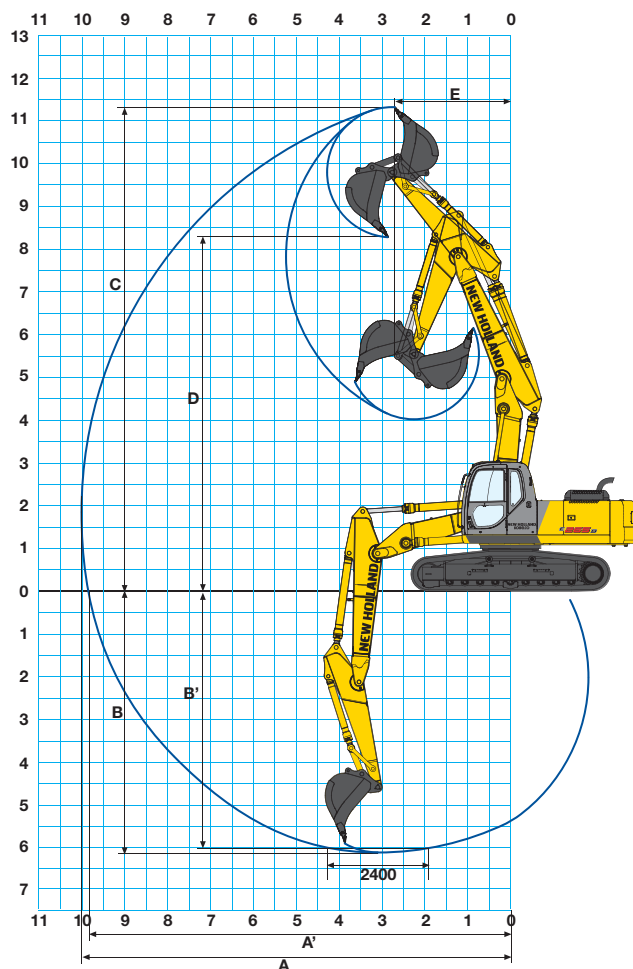
TRIPLE ARTICULATION

TRIPLE ARTICULATION
max. extension= 6065 mm
min. extension= 4500 mm

DIPPERSTICK	mm	2160	2500	2980	3660
A	mm	9715	10000	10429	11107
A'	mm	9533	9825	10260	10949
B	mm	5767	6084	6543	7231
B'	mm	5654	5976	6443	7139
C	mm	11123	11333	11665	12265
D	mm	8094	8316	8643	9249
E	mm	2300	2515	2910	3197

BREAKOUT FORCE:					
Benna	daN	17500	17500	17500	17500
Penetratore	daN	17200	15400	12400	10500

WITH POWER BOOST ON					
Benna	daN	19400	19400	19400	19400
Penetratore	daN	19000	17050	13900	12000



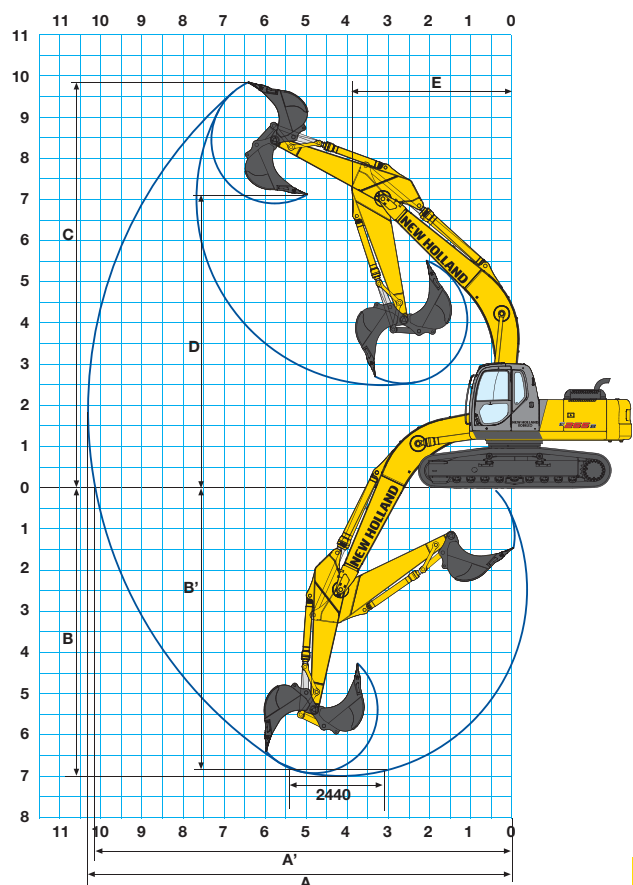
ONE - PIECE BOOM

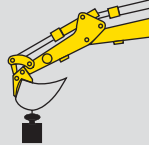
ONE - PIECE BOOM = 6020 mm

DIPPERSTICK	mm	2160	2500	2980	3660
A	mm	9616	9890	10310	10980
A'	mm	9438	9720	10140	10820
B	mm	6182	6520	7000	7680
B'	mm	5967	6320	6820	7540
C	mm	9584	9680	9820	10250
D	mm	6649	6720	6880	7280
E	mm	3924	3910	3910	3920

BREAKOUT FORCE:					
Benna	daN	17500	17500	17500	17500
Penetratore	daN	17200	15400	12400	10500

WITH POWER BOOST ON					
Bucket	daN	19400	19400	19400	19400
Dipperstick	daN	19000	17050	13900	12000



	RADIUS OF LOAD														REACH m
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	

ONE - PIECE BOOM DIPPERSTICK 2160 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m															
+7.5 m							5.4*	5.4*			5.4*	5.4*			6.03
+6.0 m							5.4*	5.4*			5.5*	5.2*			7.17
+4.5 m					7.3*	7.3*	6.1*	6.1*	5.6*	4.7	5.6*	4.3			7.86
+3.0 m					9.6*	9.5	7.2*	6.3	6.1*	4.5	5.8*	3.9			8.22
+1.5 m					11.4*	8.9	8.2*	5.9	6.6	4.3	6.1	3.7			8.30
0 m					12.3*	8.6	8.8*	5.7	6.9*	4.2	6.2	3.8			8.09
-1.5 m			12.8*	12.8*	12.3*	8.6	9.0*	5.7	6.9	4.2	6.8	4.1			7.58
-3.0 m			16.1*	16.1*	11.5*	8.7	8.6*	5.7			7.5*	5.0			6.70
-4.5 m			13.2*	13.2*	9.5*	9.1					8.0*	7.2			5.26

TRIPLE ARTICULATION DIPPERSTICK 2160 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m											6.4*	6.4*			4.28
+7.5 m					5.8*	5.8*	4.7*	4.7*			4.7*	4.7*			6.17
+6.0 m					6.1*	6.1*	4.7*	4.7*			4.0*	4.0*			7.29
+4.5 m					7.2*	7.2*	5.1*	5.1*	3.9*	3.9*	3.7*	3.7*			7.97
+3.0 m					9.5*	9.4*	5.7*	5.7*	4.1*	4.1*	3.6*	3.6*			8.33
+1.5 m					12.1*	8.6	6.5*	5.8	4.4*	4.2	3.7*	3.6			8.40
0 m					11.7*	8.3	7.2*	5.6	4.6*	4.1	4.0*	3.7			8.20
-1.5 m					10.5*	8.3	7.6*	5.5	4.8*	4.1	4.5*	4.0			7.70
-3.0 m					8.3*	8.3*	6.4*	5.7			5.2*	4.8			6.83
-4.5 m															

ONE - PIECE BOOM DIPPERSTICK 2500 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m															
+7.5 m											5.0*	5.0*			6.56
+6.0 m									5.1*	4.8	4.9*	4.7			7.62
+4.5 m							5.8*	5.8*	5.3*	4.7	5.0*	4.0			8.27
+3.0 m					9.0*	9.0*	6.8*	6.4	5.9*	4.6	5.3*	3.7			8.61
+1.5 m					10.3*	9.1	7.9*	6.1	6.4*	4.4	5.7	3.5			8.68
0 m			7.1*	7.1*	12.2*	8.7	8.7*	5.8	6.9*	4.3	5.8	3.6			8.49
-1.5 m	8.2*	8.2*	12.0*	12.0*	12.4*	8.6	9.1*	5.7	6.9	4.2	6.3	3.9			8.01
-3.0 m	13.0*	13.0*	17.1*	17.1*	11.9*	8.7	8.8*	5.7			7.1*	4.5			7.18
-4.5 m			14.6*	14.6*	10.3*	9.0					7.7*	6.1			5.86

TRIPLE ARTICULATION DIPPERSTICK 2500 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m					5.7*	5.7*					5.4*	5.4*			5.02
+7.5 m					5.5*	5.5*	4.5*	4.5*			4.1*	4.1*			6.70
+6.0 m					5.8*	5.8*	4.5*	4.5*	3.7*	3.7*	3.6*	3.6*			7.74
+4.5 m			10.5*	10.5*	6.7*	6.7*	4.9*	4.9*	3.8*	3.8*	3.4*	3.4*			8.39
+3.0 m					8.7*	8.7*	5.5*	5.5*	4.0*	4.0*	3.3*	3.3*			8.73
+1.5 m					12.1*	8.9	6.3*	5.9	4.3*	4.3*	3.4*	3.4*			8.80
0 m					12.0*	8.5	7.1*	5.7	4.6*	4.2	3.6*	3.4			8.60
-1.5 m			11.4*	11.4*	11.1*	8.4	7.6*	5.6	4.8*	4.1	4.1*	3.7			8.60
-3.0 m					9.2*	8.6	7.1*	5.6			5.0*	4.3			8.13
-4.5 m															

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

LIFTING CAPACITY

EL VERSION

VALUES ARE EXPRESSED IN TONNES

RADIUS OF LOAD													
1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH	
FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE

ONE - PIECE BOOM DIPPERSTICK 2980 mm

HEIGHT															
+9.0 m															
+7.5 m												3.7*	3.7*	7.10	
+6.0 m								4.5*	4.5*			3.6*	3.6*	8.09	
+4.5 m							5.2*	5.2*	4.9*	4.7		3.6*	3.6*	8.70	
+3.0 m			13.1*	13.1*	8.1*	8.1*	6.3*	6.3*	5.4*	4.5	3.9*	3.4	3.8*	3.3	9.03
+1.5 m			6.6*	6.6*	10.3*	9.1	7.4*	6.0	6.1*	4.3	4.7*	3.3	4.1*	3.2	9.10
0 m			8.1*	8.1*	11.7*	8.7	8.4*	5.7	6.6*	4.2			4.7*	3.2	8.91
-1.5 m	7.6*	7.6*	11.5*	11.5*	12.2*	8.5	8.9*	5.6	6.8	4.1			5.7	3.5	8.45
-3.0 m	11.4*	11.4*	16.1*	16.1*	12.0*	8.5	8.2*	5.6	6.8*	4.1			6.6	4.0	7.68
-4.5 m	15.8*	15.8*	15.6*	15.6*	10.8*	8.7	7.9*	5.7					7.2*	5.2	6.46
-6.0 m													9.1*	9.1*	4.46

TRIPLE ARTICULATION DIPPERSTICK 2980 mm

HEIGHT															
+9.0 m					5.3*	5.3*							4.1*	4.1*	5.74
+7.5 m							4.1*	4.1*					3.6*	3.6*	7.25
+6.0 m					5.4*	5.4*	4.2*	4.2*	3.4*	3.4*			3.1*	3.1*	8.22
+4.5 m			8.8*	8.8*	6.1*	6.1*	4.5*	4.5*	3.5*	3.5*			2.9*	2.9*	8.83
+3.0 m			16.3*	16.3*	7.8*	7.8*	5.1*	5.1*	3.7*	3.7*	2.9*	2.9*	2.9*	2.9*	9.15
+1.5 m			6.1*	6.1*	10.7*	8.9	5.9*	5.9*	4.0*	4.0*	3.1*	3.1*	2.9*	2.9*	9.22
0 m			7.5*	7.5*	12.0*	8.4	6.7*	5.6	4.3*	4.1	3.2*	3.1	3.1*	3.1*	9.03
-1.5 m			10.9*	10.9*	11.4*	8.3	7.4*	5.5	4.6*	4.0			3.5*	3.3	8.58
-3.0 m			12.8*	12.8*	9.8*	8.4	7.4*	5.5	4.6*	4.0			4.2*	3.8	7.82
-4.5 m															

ONE - PIECE BOOM DIPPERSTICK 3660 mm

HEIGHT															
+9.0 m															
+7.5 m									3.6*	3.6*			2.6*	2.6*	7.98
+6.0 m									3.9*	3.9*			2.5*	2.5*	8.87
+4.5 m									4.3*	4.3*	3.8*	3.5	2.5*	2.5*	9.43
+3.0 m			10.1*	10.1*	6.9*	6.9*	5.6*	5.6*	4.9*	4.6	4.6*	3.4	2.6*	2.6*	9.73
+1.5 m			10.3*	10.3*	9.3*	9.3*	6.9*	6.2*	5.7*	4.4	5.0*	3.3	2.8*	2.8*	9.80
0 m	3.7*	3.7*	8.5*	8.5*	10.3*	8.8	8.0	5.8	6.3*	4.2	5.2	3.2	3.1*	2.9	9.62
-1.5 m	6.4*	6.4*	10.5*	10.5*	12.1*	8.5	8.7*	5.6	6.8	4.1	4.9*	3.1	3.7*	3.0	9.20
-3.0 m	9.4*	9.4*	13.7*	13.7*	12.2*	8.5	8.9*	5.5	6.7	4.0			4.7*	3.4	8.50
-4.5 m	12.8*	12.8*	17.0*	17.0*	11.5	8.6	8.4*	5.6					6.4*	4.2	7.42
-6.0 m			13.9*	13.9*	9.6*	8.9							7.1*	6.2	5.77

TRIPLE ARTICULATION DIPPERSTICK 3660 mm

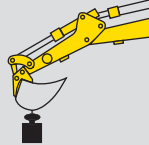
HEIGHT															
+10.5 m					4.0*	4.0*							3.6*	3.6*	4.70
+9.0 m							3.9*	3.9*					2.9*	2.9*	6.81
+7.5 m							3.8*	3.8*	3.2*	3.2*			2.6*	2.6*	8.12
+6.0 m							3.9*	3.9*	3.2*	3.2*			2.5*	2.5*	9.00
+4.5 m					5.5*	5.5*	4.2*	4.2*	3.3*	3.3*	2.7*	2.7*	2.5*	2.5*	9.56
+3.0 m			11.6*	11.6*	6.7*	6.7*	4.7*	4.7*	3.5*	3.5*	2.8*	2.8*	2.5*	2.5*	9.86
+1.5 m			10.0*	10.0*	9.2*	9.2*	5.4*	5.4*	3.8*	3.8*	2.9*	2.9*	2.5*	2.5*	9.92
0 m	3.3*	3.3*	8.1*	8.1*	12.0*	8.6	6.3*	5.7	4.1*	4.1	3.0*	3.0*	2.6*	2.6*	9.75
-1.5 m	6.0*	6.0*	9.9*	9.9*	11.8*	8.3	7.1*	5.5	4.4*	4.0	3.1*	3.1	2.9*	2.9	9.33
-3.0 m			13.2*	13.2*	10.7*	8.4	7.6*	5.5	4.6*	4.0			3.4*	3.3	8.63
-4.5 m					8.5*	8.5*	6.4*	5.6	4.3*	4.1			4.2*	4.0	7.58

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

LIFTING CAPACITY

LC VERSION

VALUES ARE EXPRESSED IN TONNES

	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	

ONE - PIECE BOOM DIPPERSTICK 2160 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m															
+7.5 m							5.4*	5.4*					5.4*	5.4*	6.03
+6.0 m							5.4*	5.4*					5.5*	5.5*	7.17
+4.5 m					7.3*	7.3*	6.1*	6.1*	5.6*	5.1			5.6*	4.7	7.86
+3.0 m					9.6*	9.6*	7.2*	6.9	6.1*	4.9			5.8*	4.3	8.22
+1.5 m					11.4*	9.8	8.2*	6.5	6.6*	4.7			6.1	4.1	8.30
0 m					12.3*	9.5	8.8*	6.3	6.9	4.6			6.2	4.2	8.09
-1.5 m			12.8*	12.8*	12.3*	9.5	9.0*	6.2	6.9	4.6			6.8	4.5	7.58
-3.0 m			16.1*	16.1*	11.5*	9.7	8.6*	6.3					7.5*	5.4	6.70
-4.5 m			13.2*	13.2*	9.5*	9.5*							8.0*	7.9	5.26

TRIPLE ARTICULATION DIPPERSTICK 2160 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m													6.4*	6.4*	4.28
+7.5 m					5.8*	5.8*	4.7*	4.7*					4.7*	4.7*	6.17
+6.0 m					6.1*	6.1*	4.7*	4.7*					4.0*	4.0*	7.29
+4.5 m					7.2*	7.2*	5.1*	5.1*	3.9*	3.9*			3.7*	3.7*	7.97
+3.0 m					9.5*	9.5*	5.7*	5.7*	4.1*	4.1*			3.6*	3.6*	8.33
+1.5 m					12.1*	9.6	6.5*	6.4	4.4*	4.4*			3.7*	3.7*	8.40
0 m					11.7*	9.3	7.2*	6.2	4.6*	4.5			4.0*	4.0*	8.20
-1.5 m					10.5*	9.3	7.6*	6.1	4.8*	4.5			4.5*	4.4	7.70
-3.0 m					8.3*	8.3*	6.4*	6.2					5.2*	5.2*	6.83
-4.5 m															

ONE - PIECE BOOM DIPPERSTICK 2500 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m															
+7.5 m													5.0*	5.0*	6.56
+6.0 m									5.1*	5.1*			4.9*	4.9*	7.62
+4.5 m							5.8*	5.8*	5.3*	5.2			5.0*	4.4	8.27
+3.0 m					9.0*	9.0*	6.8*	6.8*	5.9*	5.0			5.3*	4.0	8.61
+1.5 m					10.3*	10.1	7.9*	6.6	6.4*	4.8			5.7	3.9	8.68
0 m			7.1*	7.1*	12.2*	9.7	8.7*	6.4	6.9*	4.7			5.8	3.9	8.49
-1.5 m	8.2*	8.2*	12.0*	12.0*	12.4*	9.6	9.1*	6.3	6.9	4.6			6.3	4.2	8.01
-3.0 m	13.0*	13.0*	17.1*	17.1*	11.9*	9.7	8.8*	6.3					7.1*	4.9	7.18
-4.5 m			14.6*	14.6*	10.2*	9.9							7.7*	6.7	5.86

TRIPLE ARTICULATION DIPPERSTICK 2500 mm

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		AT MAX. REACH		REACH m
+9.0 m					5.7*	5.7*							5.4*	5.4*	5.02
+7.5 m					5.5*	5.5*	4.5*	4.5*					4.1*	4.1*	6.70
+6.0 m					5.8*	5.8*	4.5*	4.5*	3.7*	3.7*			3.6*	3.6*	7.74
+4.5 m			10.5*	10.5*	6.7*	6.7*	4.9*	4.9*	3.8*	3.8*			3.4*	3.4*	8.39
+3.0 m					8.7*	8.7*	5.5*	5.5*	4.0*	4.0*			3.3*	3.3*	8.73
+1.5 m					12.1*	9.8	6.3*	6.3*	4.3*	4.3*			3.4*	3.4*	8.80
0 m					12.0*	9.4	7.1*	6.1	4.6*	4.6*			3.6*	3.6*	8.60
-1.5 m			11.4*	11.4*	11.0*	9.4	7.6*	6.2	4.8*	4.5			4.1*	4.1	8.60
-3.0 m					9.2*	9.2*	7.1*	6.2					5.0*	4.8	8.13
-4.5 m															

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

LIFTING CAPACITY

LC VERSION

VALUES ARE EXPRESSED IN TONNES

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	

ONE - PIECE BOOM DIPPERSTICK 2980 mm

HEIGHT																			
+9.0 m																			
+7.5 m																	3.7*	3.7*	7.10
+6.0 m									4.5*	4.5*							3.6*	3.6*	8.09
+4.5 m								5.2*	5.2*	4.9*	4.9*						3.6*	3.6*	8.70
+3.0 m			13.1*	13.1*	8.1*	8.1*	6.3*	6.3*	5.4*	5.0	3.9*	3.7					3.8*	3.7	9.03
+1.5 m			6.6*	6.6*	10.3*	10.1	7.4*	6.6	6.1*	4.7	4.7*	3.6					4.1*	3.5	9.10
0 m			8.1*	8.1*	11.7*	9.6	8.4*	6.3	6.6*	4.6							4.7*	3.6	8.91
-1.5 m	7.6*	7.6*	11.5*	11.5*	12.2*	9.4	8.9*	6.2	6.8	4.5							5.7*	3.8	8.45
-3.0 m	11.4*	11.4*	16.1*	16.1*	12.0*	9.5	8.8*	6.1	6.8*	4.5							6.6*	4.4	7.68
-4.5 m	15.8*	15.8*	15.6*	15.6*	10.8*	9.7	7.9*	6.3	0*	0*							7.2*	5.7	6.46
-6.0 m																	9.1*	9.1*	4.46

TRIPLE ARTICULATION DIPPERSTICK 2980 mm

HEIGHT																			
+9.0 m					5.3*	5.3*											4.1*	4.1*	5.74
+7.5 m							4.1*	4.1*									3.6*	3.6*	7.25
+6.0 m					5.4*	5.4*	4.2*	4.2*	3.4*	3.4*							3.1*	3.1*	8.22
+4.5 m			8.8*	8.8*	6.1*	6.1*	4.5*	4.5*	3.5*	3.5*							2.9*	2.9*	8.83
+3.0 m			16.3*	16.3*	7.8*	7.8*	5.1*	5.1*	3.7*	3.7*	2.9*	2.9*					2.9*	2.9*	9.15
+1.5 m			6.1*	6.1*	10.7*	8.9	5.9*	5.9*	4.0*	4.0*	3.1*	3.1*					2.9*	2.9*	9.22
0 m			7.5*	7.5*	12.0*	8.4	6.7*	5.6	4.3*	4.1	3.2*	3.1					3.1*	3.1*	9.03
-1.5 m			10.9*	10.9*	11.4*	8.3	7.4*	5.5	4.6*	4.0							3.5*	3.3	8.58
-3.0 m			12.8*	12.8*	9.8*	8.4	7.4*	5.5	4.6*	4.0							4.2*	3.8	7.82
-4.5 m																			

ONE - PIECE BOOM DIPPERSTICK 3660 mm

HEIGHT																			
+9.0 m																			
+7.5 m									3.6*	3.6*							2.6*	2.6*	7.98
+6.0 m									3.9*	3.9*							2.5*	2.5*	8.87
+4.5 m									4.3*	4.3*	3.8*	3.8*					2.5*	2.5*	9.43
+3.0 m			10.1*	10.1*	6.9*	6.9*	5.6*	5.6*	4.9*	4.9*	4.6*	3.7					2.6*	2.6*	9.73
+1.5 m			10.3*	10.3*	9.3*	9.3*	6.9*	6.7	5.7*	4.8	5.0*	3.6					2.8*	2.8*	9.80
0 m	3.7*	3.7*	8.5*	8.5*	10.3*	9.8	8.0*	6.4	6.3*	4.6	5.2	3.5					3.1*	3.1*	9.62
-1.5 m	6.4*	6.4*	10.5*	10.5*	12.1*	9.5	8.7*	6.2	6.8*	4.5	4.9*	3.4					3.7*	3.3	9.20
-3.0 m	9.4*	9.4*	13.7*	13.7*	12.2*	9.4	8.9*	6.1	6.7	4.4							4.7*	3.7	8.50
-4.5 m	12.8*	12.8*	17.0*	17.0*	11.5*	9.5	8.4*	6.2									6.4*	4.6	7.42
-6.0 m			13.9*	13.9*	9.6*	9.6*											7.1*	6.8	5.77

TRIPLE ARTICULATION DIPPERSTICK 3660 mm

HEIGHT																			
+10.5 m					4.0*	4.0*											3.6*	3.6*	4.70
+9.0 m							3.9*	3.9*									2.9*	2.9*	6.81
+7.5 m							3.8*	3.8*	3.2*	3.2*							2.6*	2.6*	8.12
+6.0 m							3.9*	3.9*	3.2*	3.2*							2.5*	2.5*	9.00
+4.5 m					5.5*	5.5*	4.2*	4.2*	3.3*	3.3*	2.7*	2.7*					2.5*	2.5*	9.56
+3.0 m			11.6*	11.6*	6.7*	6.7*	4.7*	4.7*	3.5*	3.5*	2.8*	2.8*					2.5*	2.5*	9.86
+1.5 m			10.0*	10.0*	9.2*	9.2*	5.4*	5.4*	3.8*	3.8*	2.9*	2.9*					2.5*	2.5*	9.92
0 m	3.3*	3.3*	8.1*	8.1*	12.0*	9.6	6.3*	6.3	4.1*	4.1*	3.0*	3.0*					2.6*	2.6*	9.75
-1.5 m	6.0*	6.0*	9.9*	9.9*	11.8*	9.3	7.1*	6.1	4.4*	4.4	3.1*	3.1*					2.9*	2.9*	9.33
-3.0 m			13.2*	13.2*	10.7*	9.3	7.6*	6.1	4.6*	4.4							3.4*	3.4*	8.63
-4.5 m					8.5*	8.5*	6.4*	6.2	4.3*	4.3*							4.2*	4.2*	7.58

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

NEW HOLLAND. THE POWER OF A GLOBAL BRAND

New Holland is a global brand with a key position in the Construction Equipment business. It supplies a **complete range of 13 product lines and 80 basic models** split into **Compact line** and **Heavy line**. It operates in all the main markets, such as **Europe, North and Latin America, Africa, Asia and Middle East** with the same technology and under the same logo and brand. It manufactures **durable, safe and productive** machines aimed at supporting customers in developing their own business. **Dealers are company partners**. They play an important role to support the brand in their territories through intense professional relationship with Customers. New Holland is reinforced by its **global alliance with Kobelco**: world leader in hydraulic excavator technology.



AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be a general nature only. The NEW HOLLAND KOBELCO 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.

Published by NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A.
Printed in Italy - LEADER Firenze - Cod. 73301 432GB - Printed 04/08

Printed on recycled paper
CoC-FSC 000010 CQ Mixed sources



ELEMENTAL
CHLORINE
FREE
GUARANTEED

FIAT
GROUP

 **NEW HOLLAND**
CONSTRUCTION
BUILT AROUND YOU

www.newholland.com