NEW HOLLAND

NET FLYWHEEL POWER	118 kW - 158 hp
MAX OPERATING WEIGHT	25 380 kg
BUCKET CAPACITY	0.52 - 1.31 m^3

NEW HOLLAND CONSTRUCTION

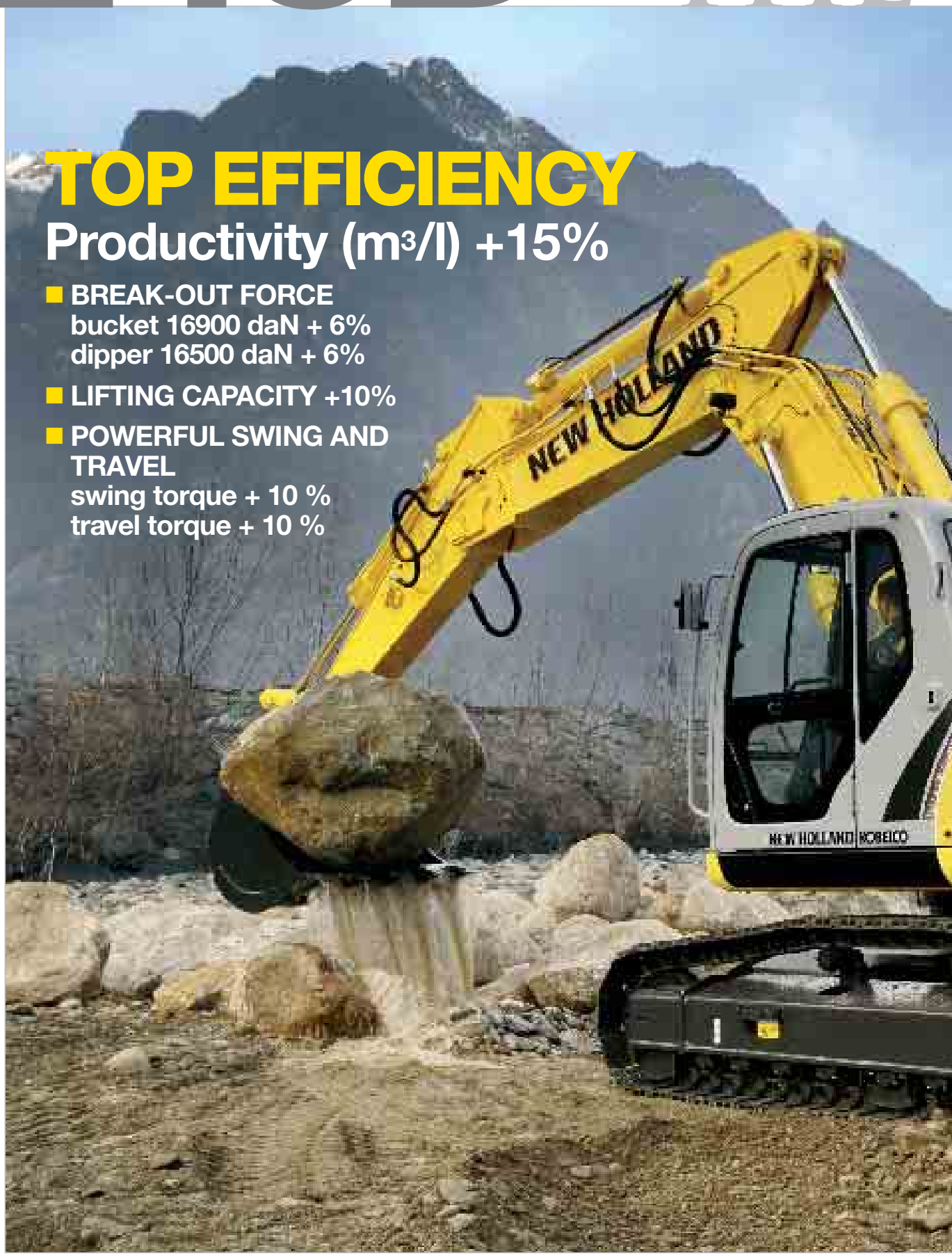
BUILT AROUND YOU

E245B* THE

TOP EFFICIENCY

Productivity (m^3/l) +15%

- **BREAK-OUT FORCE**
  bucket 16900 daN + 6%
  dipper 16500 daN + 6%
- **LIFTING CAPACITY +10%**
- **POWERFUL SWING AND TRAVEL**
  swing torque + 10 %
  travel torque + 10 %



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

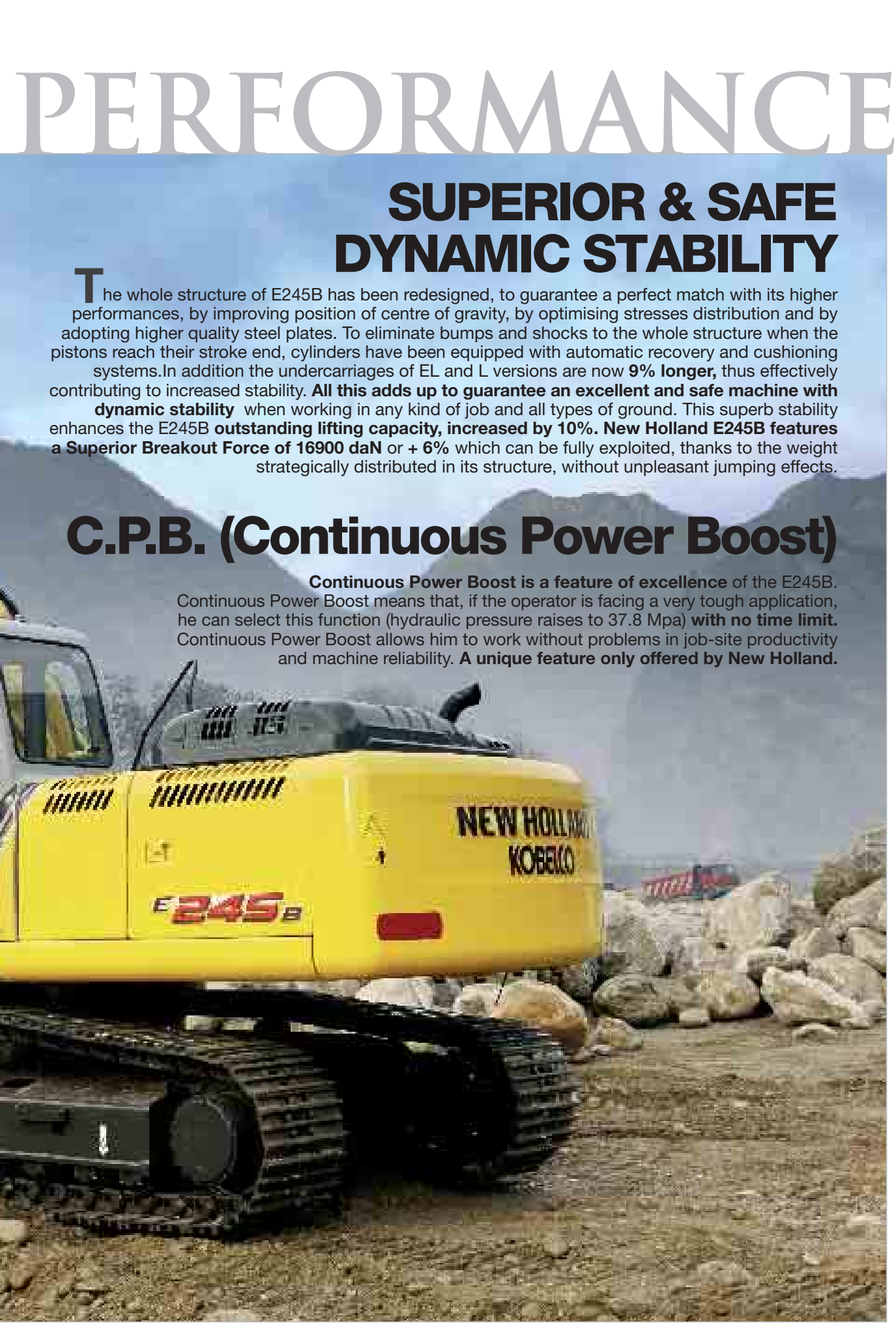
PERFORMANCE

SUPERIOR & SAFE DYNAMIC STABILITY

The whole structure of E245B has been redesigned, to guarantee a perfect match with its higher 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.In addition the undercarriages of EL and L versions are now **9% longer,** thus effectively contributing to increased stability. **All this adds up to guarantee an excellent and safe machine with dynamic stability** when working in any kind of job and all types of ground. This superb stability enhances the E245B **outstanding lifting capacity, increased by 10%. New Holland E245B features a Superior Breakout Force of 16900 daN** or **+ 6%** which can be fully exploited, thanks to the weight strategically distributed in its structure, without unpleasant jumping effects.

C.P.B. (Continuous Power Boost)

Continuous Power Boost is a feature of excellence of the E245B. 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.**



E245B THE PO

RESPECTING THE ENVIRONMENT

The E245B 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: 0.77, HC: 0.08, NOx: 3.59, Particulate: 0.13 (*)

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

NEW CNH ENGINE

The new CNH, NEF generation mechanical engine, with 6 cylinders and 6.7 litres, develops a power of 118 kW at 2000 rpm and a torque of 665 Nm at only 1200 rpm... **an extremely flexible and responsive power plant.**

A larger displacement engine working at lower revolution contributes to:

- Less noise and fuel consumption
- Longer lifespan
- Higher reliability

WER OF CONTROL

AUTOMATIC DOWNSHIFT

If high speed is selected and ground conditions suddenly demand higher traction force, the travel motors **shift automatically to maximum displacement reducing speed and consequently increasing traction.**

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.

NEW HYDRAULIC PUMPS

The E245B is equipped with two new larger displacement hydraulic pumps able to supply a higher flow at lower rpm... **state of the art pumps, easy to control and prompt to react to all requirements.**

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 demand the quantity of hydraulic oil required **to guarantee extremely smooth and precise controls, excellent stability and steady speed during simultaneous operations.**

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 data 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**

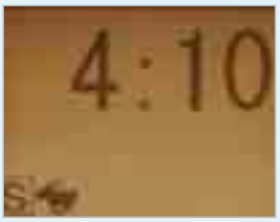
- **H mode** **when maximum power is required**

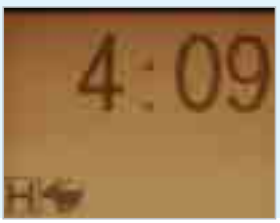
Two additional modes are available for special applications and to operate tools like breakers and crushers:

- **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 pump oil flow.

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





In both A and B working modes, the operator, 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 a total of 18 combinations.

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, larger radius pipings with SAE flange ports, increased swing output torque 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 techology 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

D.O.C. (Dipperstick Optimised Control)

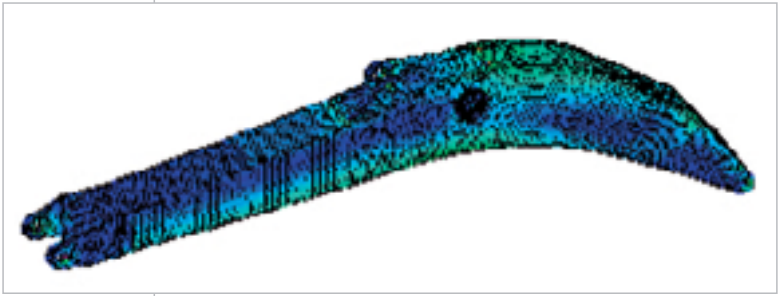
The newly redesigned Control Valve features a second spool dedicated to dipperstick operation. The movement “dipper out” is now achieved with a double flow, i.e., using the flow of two pumps. The “dipper in” movement is even faster because of the double pump flow combined with the “Conflux”, or recirculation of unused oil which is diverted from return to tank.
A perfect combination of speed, efficiency, precision and increased production.

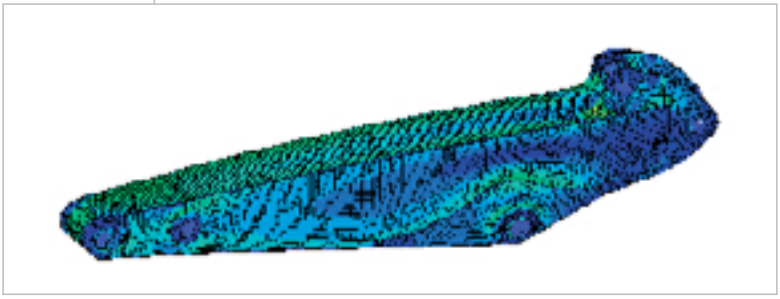
OBJECT HANDLING KIT

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 cerified 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.

E245B 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 result is a lighter but stronger **Heavy Duty** front attachment to **load more earth...and less "dead" iron.**
The same innovative guidelines, to achieve **Heavy Duty** maximum strength together with outstanding torsional and flexional resistance, are applied in the design and manufacture of the upper structure and the undercarriage.

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, these new bushings can be easily changed, thus increasing pin and bushing durability whilst reducing ownership costs.

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

BIGGER AND STRONGER UNDERCARRIAGE

The same advanced technology is built into the 'X' type design heavy-duty undercarriage, which provides perfect distribution of torsional stress in every job type.
Outstanding stability is provided by the HD long track frames, welded to central body.
Standard large travel motors and HD sprockets and idlers delivery excellent drawbar pull, enabling excavator movement in even the toughest ground conditions.
HD sealed and lubricated rollers and heavier class track chains all contribute to operator comfort and outstanding strength and durability in the toughest applications.

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 keep the chains on rollers, same time protecting them, thus granting an **extended, durability, maximum efficiency and safety.**

NEW ENGINE AND HYDRAULIC PUMPS

Both components, considered to the machine's heart, have common outstanding characteristics: **higher displacement** and **lower working revolutions**, resulting in better performance, whilst, at the same time, contributing to improved **reliability and durability.**

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.
At the same time, new interior design and materials create an elegant feeling. Rigid cab construction, combined with silicon liquid filled viscous dumpers, 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.

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

All switches and controls are now positioned at the right side, easy to find and to reach. The radio and the new, more effective automatic air-conditioning system are standard equipment, creating an agreeable working atmosphere regardless of the external weather conditions. The joystick illustrated is supplied as an option, together with rotating bucket circuit.

The newly designed **A.E.P. Information Display** 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

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.**


NEW


HOLLAND
E245 II

E245B EASY MAIN

DESIGNED TO EFFECTIVELY CUT OPERATING COSTS

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 filters and the water separator are remote mounted and easy to reach from ground level. Both the fuel filters 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 reliabilty whilst being easier to check and clean.

The simplified layout of all vital components of the New Holland E245B 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.**

TOOL BOX

The toolbox 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.

FUSES

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

TENANCE & SERVICEABILITY

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 E245B 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.**

LONG LIFE HYDRAULIC OIL

The long-life hydraulic oil used by New Holland features excellent anti-emulsion characteristics as well as an optimised mix of anti-wear and anti-oxidants additives that **boost the service life to 5,000 hours**, reducing the number of oil changes necessary and resulting in an impressive **reduction in operating costs and in a higher respect for the environment.**

INSIDE CAB MAINTENANCE

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

E245B Serviceability Index (SAE 817-2)

TOP IN CLASS

E245B SPECIFICATIONS

ENGINE TIER 3A

Net flywheel power (ISO 14396/ECE R120).....118 kW/158 hp
Governed rpm 2000
Make and model .....CNH 667TA/MEB
Type .....diesel 4-stroke, direct injection, turbocharged and intercooler
Displacement.....6.7 l
Number of cylinders 6
Bore x stroke .....104 x 132 mm
Maximum torque at 1200 rpm.....665 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.....100 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 220 l/min
Piloting circuit gear type pump
Maximum delivery .....20 l/min
Maximum operating pressure:
Equipment/travel .....34.3 MPa
Swing.....29.0 MPa
Power Boost .....37.8 MPa
Hydraulic cylinders .....double effect
- Lift (2) - bore x stroke.....120 x 1345 mm
- Penetration (1) - bore x stroke .....135 x 1560 mm
- Bucket (1) - bore x stroke .....120 x 1080 mm
- Positioning (only triple articulation)
  bore x stroke.....145 x 990 mm

Independent hammer/positioning control

TRANSMISSION

Type .....hydrostatic, two-speed
Travel motors.....2, axial pistons type, double displacement
Brakes.....automatic discs type
Final drive .....oil bath, planetary reduction
Gradeability (continuous) .....70% (35°)
Travel speeds:
low .....from 0 to 3.2 km/h
high .....from 0 to 5.2 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 discs type
Final drive .....oil bath, planetary reduction
Swing ring .....oil bath type
Swing speed .....12.7 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.

	E245BEL	E245BLC
Track rollers (each side)	9	9
Carrier rollers (each side)	2	2
Length of track on ground (mm)	3840	3840
Gauge (mm)	1990	2390
Shoes (mm)	550*	600-700
	700-800	800-900

* Asymmetric type

CAPACITIES

	litres
Lube oil	21
Coolant	26
Fuel tank	320
Hydraulic system	230

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:

  2080 mm
  2400mm
  2940mm
  3500mm
- 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:

  EL version: 550* - 700 - 800 mm
  LC version: 600 - 700 - 800 - 900 mm
- Track guide

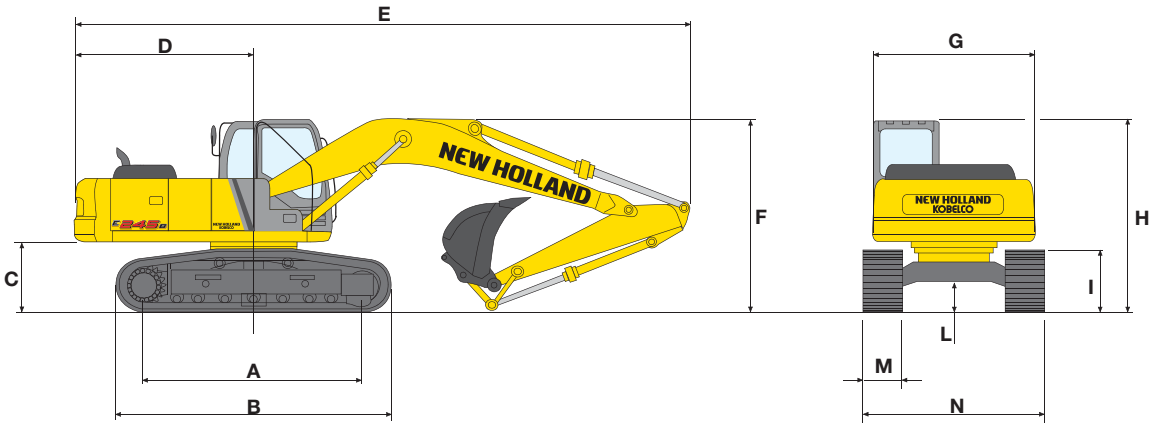
*Asymmetric type

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

BUCKETS			
SAE CAPACITY	CECE HEAPED CAPACITY	WIDTH	WEIGHT
0.52 m^3	0.45 m^3	750 mm	503 kg
0.62 m^3	0.53 m^3	850 mm	537 kg
0.79 m^3	0.68 m^3	1000 mm	634 kg
1.00 m^3	0.83 m^3	1200 mm	651 kg
1.10 m^3	0.91 m^3	1300 mm	698 kg
1.31 m^3	1.09 m^3	1500 mm	760 kg

ONE-PIECE BOOM

DIMENSIONS (mm) - OPERATING WEIGHT



VERSIONS	A	B	C	D	E	F	G	H	I	L
E245BEL	3840	4645	1055	2800	(1) 9580	(1) 3050	2505	3045	970	490
E245BLC	3840	4645	1055	2800	(1) 9580	(1) 3050	2505	3045	970	490

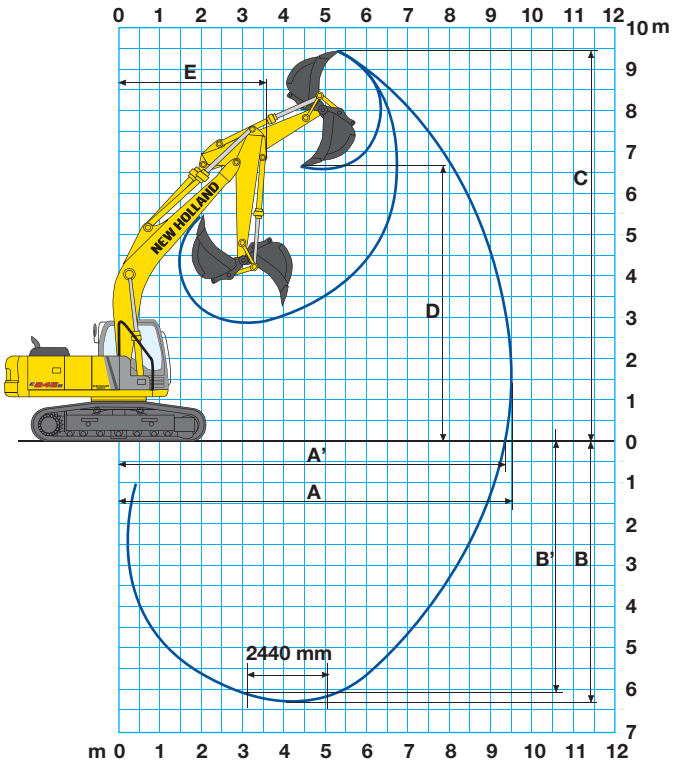
(1) 2400 mm Dipperstick

		E245BEL			E245BLC			
M - Shoe width	mm	550 (*)	700	800	600	700	800	900
N - maximum width	mm	2490	2690	2890	2990	3090	3190	3290
Operating weight	kg	23485	23860	24110	24010	24260	24510	24760
Ground pressure	bar	0.55	0.44	0.39	0.52	0.45	0.40	0.36

(*) asymmetric type

DIGGING PERFORMANCE

ONE-PIECE BOOM = 5650 mm

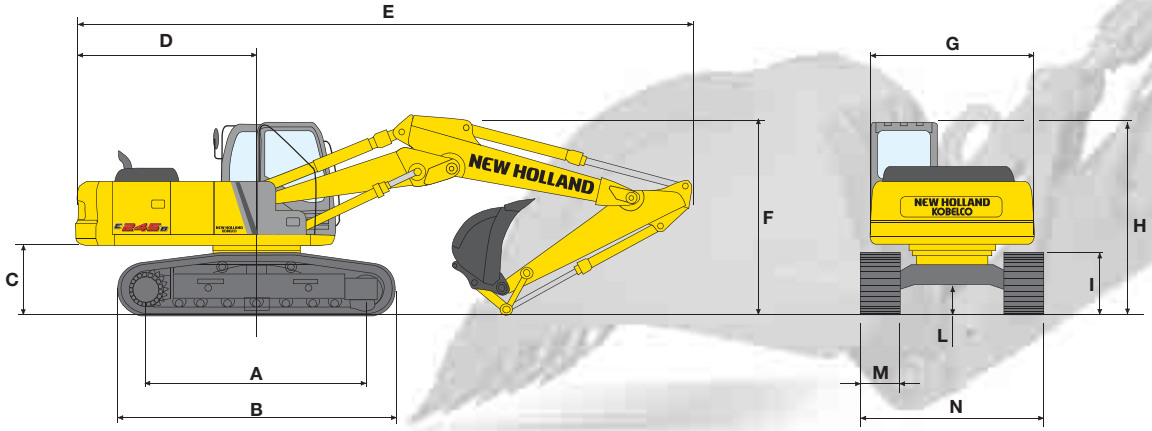


DIPPERSTICK	mm	2080	2400	2940	3500
A	mm	9185	9446	9929	10366
A'	mm	8991	9258	9750	10195
B	mm	5822	6142	6682	7242
B'	mm	5602	5936	6501	7064
C	mm	9458	9537	9751	9767
D	mm	6755	6811	7055	7167
E	mm	3679	3559	3544	3478

BREAKOUT FORCE:					
Bucket	daN	15500	15500	15500	15500
Dipperstick	daN	15200	13150	10900	9000

WITH POWER BOOST ON					
Bucket	daN	16900	16900	16900	16900
Dipperstick	daN	16500	14250	11800	9800

TRIPLE ARTICULATION
DIMENSIONS (mm) - OPERATING WEIGHT



VERSIONS	A	B	C	D	E	F	G	H	I	L
E245BEL	3840	4645	1055	2800	(1) 9665	(1) 3015	2505	3045	970	490
E245BLC	3840	4645	1055	2800	(1) 9665	(1) 3015	2505	3045	970	490

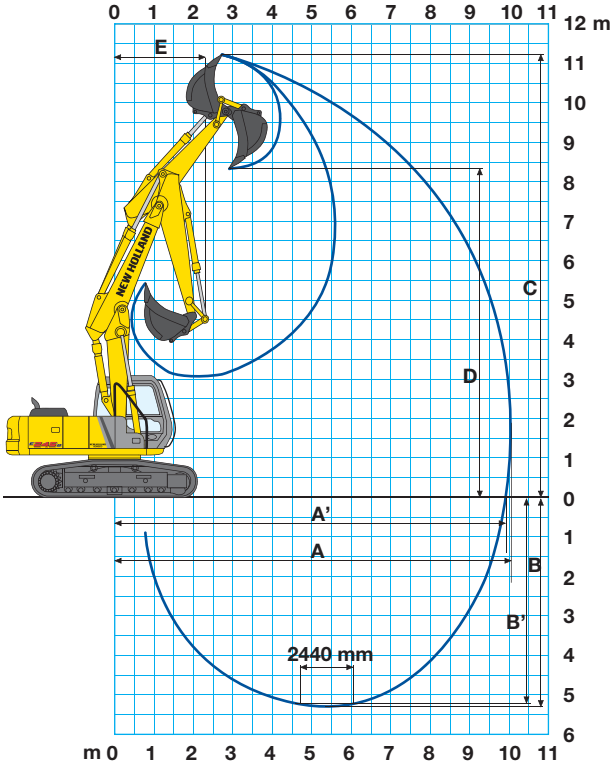
(1) 2400 mm Dipperstick

		E245BEL			E245BLC			
M - Shoe width	mm	550 (*)	700	800	600	700	800	900
N - maximum width	mm	2490	2690	2890	2990	3090	3190	3290
Operating weight	kg	24105	24480	24730	24630	24880	25130	25380
Ground pressure	bar	0.57	0.45	0.40	0.53	0.46	0.41	0.37

(*) asymmetric type

DIGGING PERFORMANCE

TRIPLE ARTICULATION
max extension= 5740 mm
min extension= 4560 mm



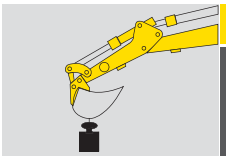
DIPPERSTICK	mm	2080	2400	2940	3500
A	mm	9322	9598	10098	10555
A'	mm	9131	9413	9922	10387
B	mm	5572	5873	6399	6914
B'	mm	5449	5757	6292	6814
C	mm	10700	10900	11298	11562
D	mm	7773	7970	8369	8650
E	mm	2929	2742	2524	2695

BREAKOUT FORCE:					
Bucket	daN	15500	15500	15500	15500
Dipperstick	daN	15200	13150	10900	9000

WITH POWER BOOST ON					
Bucket	daN	16900	16900	16900	16900
Dipperstick	daN	16500	14250	11800	9800

LIFTING CAPACITY

VALUES ARE EXPRESSED IN TONNES



E245BEL - ONE-PIECE BOOM - DIPPERSTICK 2080 mm

HEIGHT	RADIUS OF LOAD										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	REACH m
+9.0 m											
+7.5 m									5.6 *	5.5 *	5.6
+6.0 m					5.9 *	5.2			5.5 *	4.2	6.8
+4.5 m			7.5 *	7.1 *	6.3 *	5.0	5.7 *	3.5	5.5 *	3.4	7.5
+3.0 m			9.5 *	7.2	7.2 *	4.8	5.7	3.4	5.2	3.1	7.9
+1.5 m			11.2 *	6.7	8.1 *	4.5	5.6	3.3	5.1	2.9	8.0
0			11.8 *	6.4	8.0	4.4	5.5	3.2	4.6	3.0	7.7
-1.5 m	15.0 *	12.1	11.6 *	6.4	7.9	4.3			5.8	3.3	7.2
-3.5 m	14.6 *	12.1	10.5 *	6.4	7.7 *	4.3			6.8 *	4.2	6.3
-4.5 m	11.0 *	10.3 *	7.8 *	6.9					6.9 *	6.4	4.8

E245BEL - TRIPLE ARTICULATION - DIPPERSTICK 2080 mm

HEIGHT											
+9.0 m									6.9 *	6.7 *	3.6
+7.5 m			6.4 *	6.0 *					5.3 *	5.2 *	5.7
+6.0 m			6.7 *	6.2 *	5.2 *	4.9 *			4.5 *	4.1	6.9
+4.5 m	11.9 *	11.2 *	7.7 *	7.2 *	5.6 *	4.9	4.3 *	3.5	4.2 *	3.4	7.6
+3.0 m			9.7 *	7.1	6.2 *	4.7	4.4 *	3.4	4.0 *	2.9	8.0
+1.5 m			11.7 *	6.5	7.0 *	4.4	4.8 *	3.3	4.2 *	2.8	8.0
0			11.3 *	6.2	7.8 *	4.3	5.0 *	3.2	4.5 *	2.9	7.8
-1.5 m	13.0 *	11.2	10.1 *	6.2	7.4	4.2			5.2	3.2	7.3
-3.5 m			7.2 *	6.4	5.5	4.3			4.9	4.0	6.4
-4.5m											

E245BEL - ONE-PIECE BOOM - DIPPERSTICK 2400 mm

HEIGHT											
+9.0 m											
+7.5 m					4.7 *	4.4 *			4.3 *	4.2 *	6.1
+6.0 m					5.3 *	5.0 *			4.0 *	3.8	7.2
+4.5 m					6.0 *	5.0	5.4 *	3.5	4.0 *	3.1	7.8
+3.0 m	14.7 *	13.3	9.0 *	7.3	7.0 *	4.8	5.7	3.4	4.3 *	2.8	8.2
+1.5 m			9.8 *	6.9	7.9 *	4.6	5.6	3.3	4.7 *	2.7	8.3
0	8.6 *	8.1 *	11.8 *	6.5	8.0	4.4	5.5	3.2	4.9	2.8	8.1
-1.5 m	13.7 *	12.1	11.8 *	6.4	7.9	4.3	5.5	3.2	5.3	3.1	7.6
-3.5 m	15.6 *	12.3	11.0 *	6.5	8.0	4.4			6.5	3.8	6.8
-4.5 m	12.2 *	11.3 *	8.6 *	6.7					6.7 *	5.4	5.4

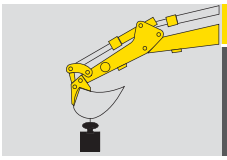
E245BEL - TRIPLE ARTICULATION - DIPPERSTICK 2400 mm

HEIGHT											
+9.0 m									4.9 *	4.8 *	4.3
+7.5 m			6.1 *	5.7 *	5.0 *	4.7 *			4.0 *	4.0 *	6.2
+6.0 m			6.3 *	5.9 *	5.0 *	4.7			3.8 *	3.7	7.3
+4.5 m	10.6 *	9.9 *	7.2 *	6.7 *	6,0 *	5.0	4.0 *	3.5	3.7 *	3.0	8.0
+3.0 m			9.1 *	7.3	5.9 *	4.7	4.2 *	3.4	3.7 *	2.7	8.3
+1.5 m			11.6 *	6.6	6.8 *	4.5	4.6 *	3.2	3.7 *	2.6	8.4
0	8.4 *	7.9 *	11.5 *	6.3	7.7 *	4.3	4.9 *	3.1	4.0 *	2.7	8.2
-1.5 m	13.3 *	11.6	10.5 *	6.3	7.8 *	4.2	5.0 *	3.1	4.7 *	2.9	7.7
-3.5 m			8.1 *	6.4	5.9 *	4.3			4.4 *	3.6	6.8
-4.5 m											

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

LIFTING CAPACITY

VALUES ARE EXPRESSED IN TONNES



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

E245BEL - ONE-PIECE BOOM - DIPPERSTICK 2940 mm

HEIGHT											
+9.0 m											
+7.5 m									2.9 *	2.8 *	6.7
+6.0 m							3.6 *	3.5 *	2.7 *	2.6 *	7.7
+4.5 m					5.3 *	5.0	5.0 *	3.5	2.7 *	2.6 *	8.4
+3.0 m	12.4 *	11.6 *	8.1 *	7.5	6.4 *	4.8	5.4 *	3.4	2.9 *	2.6	8.8
+1.5 m	9.7 *	9.1 *	10.2 *	6.9	7.4 *	4.7	5.6	3.3	3.1 *	2.5	8.8
0	9.5 *	8.9 *	11.5 *	6.5	8.0	4.4	5.5	3.2	3.5 *	2.5	8.6
-1.5 m	12.8 *	11.9	11.8 *	6.3	7.9	4.2	5.4	3.1	4.4 *	2.7	8.2
-3.5 m	16.5 *	12.1	11.2 *	6.4	7.8	4.2			5.5	3.2	7.4
-4.5 m	13.7 *	12.4	9.6 *	6.5	6.8 *	4.4			6.4 *	4.3	6.1

E245BEL - TRIPLE ARTICULATION - DIPPERSTICK 2940 mm

HEIGHT											
+9.0 m			4.8 *	4.5 *					3.2 *	3.1 *	5.2
+7.5 m			5.5 *	5.1 *	4.6 *	4.3 *			2.7 *	2.6 *	6.8
+6.0 m			5.8 *	5.4 *	4.7 *	4.4 *	3.7 *	3.6	2.6 *	2.5 *	7.9
+4.5 m	6.9 *	6.4 *	6.6 *	6.1 *	5.0 *	4.7 *	3.8 *	3.5	2.6 *	2.4 *	8.5
+3.0 m	15.2 *	13.6	8.2 *	7.4	5.6 *	4.8	4.0 *	3.4	2.6 *	2.5	8.8
+1.5 m	9.7 *	9.1 *	11.0 *	6.7	6.4 *	4.5	4.3 *	3.2	2.8 *	2.4	8.9
0	9.3 *	8.7 *	11.7 *	6.3	7.3 *	4.3	4.7 *	3.1	3.1 *	2.4	8.7
-1.5 m	12.4 *	11.6	10.8 *	6.2	7.9	4.2	4.9 *	3.1	3.8 *	2.6	8.3
-3.5 m	11.9 *	11.0 *	9.1 *	6.3	6.8 *	4.2			4.4 *	3.0	7.5
-4.5 m											

E245BEL - ONE-PIECE BOOM - DIPPERSTICK 3500 mm

HEIGHT											
+9.0 m											
+7.5 m									2.6 *	2.5 *	7.2
+6.0 m							3.8 *	3.6	2.5 *	2.4 *	8.2
+4.5 m							4.4 *	3.5	2.6 *	2.5 *	8.8
+3.0 m			7.1 *	6.6 *	5.8 *	4.8	5.0 *	3.4	2.7 *	2.4	9.1
+1.5 m	15.5 *	12.8	9.3 *	7.0	7.0 *	4.6	5.6 *	3.3	2.9 *	2.3	9.2
0	11.2 *	10.5 *	11.2 *	6.5	7.9 *	4.3	5.4	3.1	3.4 *	2.3	9.0
-1.5 m	12.9 *	10.8	11.7 *	6.3	7.8	4.2	5.3	3.0	4.0	2.4	8.6
-3.5 m	16.7 *	11.9	11.4 *	6.2	7.7	4.1	5.3	3.0	5.0	2.8	7.8
-4.5 m	15.0 *	12.1	10.2 *	6.2	7.3 *	4.2			6.1 *	3.7	6.6

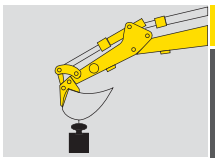
E245BEL - TRIPLE ARTICULATION - DIPPERSTICK 3500 mm

HEIGHT											
+9.0 m									2.8 *	2.7 *	5.9
+7.5 m					4.2 *	4.0 *			2.5 *	2.4 *	7.3
+6.0 m					4.2 *	4.0 *	3.5 *	3.4 *	2.4 *	2.3 *	8.3
+4.5 m			5.7 *	5.4 *	4.6 *	4.3 *	3.6 *	3.5 *	2.4 *	2.3 *	8.9
+3.0 m	11.4 *	11.0 *	7.1 *	6.7 *	5.1 *	4.8 *	3.8 *	3.4	2.5 *	2.3	9.2
+1.5 m	16.9 *	12.2	9.6 *	6.9	5.9 *	4.5	4.1 *	3.2	2.7 *	2.2	9.3
0	11.0 *	10.3 *	11.5 *	6.3	6.9 *	4.2	4.4 *	3.1	3.1 *	2.2	9.1
-1.5 m	12.6 *	11.3 *	11.2 *	6.1	7.7 *	4.1	4.8 *	3.0	3.5 *	2.3	8.7
-3.5 m	13.6 *	11.6	9.9 *	6.2	7.2 *	4.1	4.8 *	3.0	4.3	2.7	7.9
-4.5 m			7.1 *	6.3	5.1 *	4.2			4.0 *	3.0	6.5

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

LIFTING CAPACITY

VALUES ARE EXPRESSED IN TONNES



E245BLC - ONE-PIECE BOOM - DIPPERSTICK 2080 mm

HEIGHT	RADIUS OF LOAD										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	REACH m
+9.0 m											
+7.5 m									5.7 *	5.6 *	5.6
+6.0 m					6.1 *	6.0			5.6 *	5.3	6.8
+4.5 m			7.7 *	7.6 *	6.5 *	6.3	5.8 *	4.4	5.6 *	4.3	7.5
+3.0 m			9.7 *	9.0	7.4 *	6.0	5.8	4.3	5.3	3.9	7.9
+1.5 m			11.4 *	8.4	8.3 *	5.6	5.7	4.1	5.2	3.6	8.0
0			12.0 *	8.0	8.2	5.5	5.6	4.0	4.7	3.8	7.7
-1.5 m	15.2 *	15.1	11.8 *	8.0	8.1	5.4			5.9	4.1	7.2
-3.5 m	14.8 *	14.7	10.7 *	8.0	7.8 *	5.4			6.9 *	5.3	6.3
-4.5 m	11.2 *	11.1 *	8.0 *	7.9					7.0 *	6.9	4.8

E245BLC - TRIPLE ARTICULATION - DIPPERSTICK 2080 mm

HEIGHT											
+9.0 m									7.0 *	6.8 *	3.6
+7.5 m			6.6 *	6.3 *					5.4 *	5.3 *	5.7
+6.0 m			6.9 *	6.5 *	5.4 *	5.3 *			4.6 *	4.5	6.9
+4.5 m	12.1 *	12.0 *	7.9 *	7.7 *	5.8 *	5.7 *	4.4 *	4.4	4.3 *	4.2	7.6
+3.0 m			9.9 *	8.9	6.4 *	5.9	4.5 *	4.3	4.1 *	3.6	8.0
+1.5 m			11.9 *	8.1	7.2 *	5.5	4.9 *	4.1	4.3 *	3.5	8.0
0			11.5 *	7.8	8.0 *	5.4	5.1 *	4.0	4.6 *	3.6	7.8
-1.5 m	13.2 *	13.1	10.3 *	7.8	7.6	5.3			5.3	4.0	7.3
-3.5 m			7.4 *	7.3	5.7	5.4			5.0	5.0	6.4
-4.5m											

E245BLC - ONE-PIECE BOOM - DIPPERSTICK 2400 mm

HEIGHT											
+9.0 m											
+7.5 m					4.9 *	4.7 *			4.4 *	4.3 *	6.1
+6.0 m					5.5 *	5.3 *			4.1 *	4.0	7.2
+4.5 m					6.2 *	6.1	5.5 *	4.4	4.1 *	3.9	7.8
+3.0 m	14.9 *	14.8	9.2 *	9.1	7.2 *	6.0	5.8	4.3	4.4 *	3.5	8.2
+1.5 m			10.0 *	8.6	8.1 *	5.8	5.7	4.1	4.8 *	3.4	8.3
0	8.8 *	8.6 *	12.0 *	8.1	8.2	5.5	5.6	4.0	5.0	3.5	8.1
-1.5 m	13.9 *	13.8	12.0 *	8.0	8.1	5.4	5.6	4.0	5.4	3.9	7.6
-3.5 m	15.8 *	15.4	11.2 *	8.1	8.2	5.5			6.6	4.8	6.8
-4.5 m	12.4 *	12.2 *	8.8 *	8.4					6.8 *	6.7	5.4

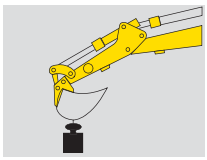
E245BLC - TRIPLE ARTICULATION - DIPPERSTICK 2400 mm

HEIGHT											
+9.0 m									5.0 *	4.8 *	4.3
+7.5 m			6.3 *	6.2 *	5.2 *	5.0 *			4.1 *	4.0 *	6.2
+6.0 m			6.5 *	6.2 *	5.2 *	5.1			3.9 *	3.7	7.3
+4.5 m	10.8 *	10.6 *	7.4 *	7.3 *	6.2 *	6.1	4.1 *	4.0	3.8 *	3.7	8.0
+3.0 m			9.3 *	9.1	6.1 *	5.9	4.3 *	4.3	3.8 *	3.4	8.3
+1.5 m			11.8 *	8.3	7.0 *	5.6	4.7 *	4.0	3.8 *	3.3	8.4
0	8.6 *	8.5 *	11.7 *	7.9	7.9 *	5.4	5.0 *	3.9	4.1 *	3.4	8.2
-1.5 m	13.5 *	13.4	10.7 *	7.9	8.0 *	5.3	5.1 *	3.9	4.8 *	3.6	7.7
-3.5 m			8.3 *	8.0	6.1 *	5.4			4.5 *	4.5	6.8
-4.5m											

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

LIFTING CAPACITY

VALUES ARE EXPRESSED IN TONNES



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

E245BLC - ONE-PIECE BOOM - DIPPERSTICK 2940 mm

HEIGHT											
+9.0 m											
+7.5 m									3.0 *	2.8 *	6.7
+6.0 m							3.7 *	3.5 *	2.8 *	2.6 *	7.7
+4.5 m					5.5 *	5.4	5.1 *	4.4	2.8 *	2.6 *	8.4
+3.0 m	12.6 *	12.5 *	8.3 *	8.2	6.6 *	6.0	5.5 *	4.3	3.0 *	2.9	8.8
+1.5 m	9.9 *	9.7 *	10.4 *	8.6	7.6 *	5.9	5.7	4.1	3.2 *	3.1	8.8
0	9.7 *	9.5 *	11.7 *	8.1	8.2	5.5	5.6	4.0	3.6 *	3.1	8.6
-1.5 m	13.0 *	12.9	12.0 *	7.9	8.1	5.3	5.5	3.9	4.5 *	3.4	8.2
-3.5 m	16.7 *	15.1	11.4 *	8.0	8.0	5.3			5.6	4.0	7.4
-4.5 m	13.9 *	13.8	9.8 *	8.1	7.0 *	5.5			6.5 *	5.4	6.1

E245BLC - TRIPLE ARTICULATION - DIPPERSTICK 2940 mm

HEIGHT											
+9.0 m			5.0 *	4.9 *					3.3 *	3.2 *	5.2
+7.5 m			5.7 *	5.6 *	4.8 *	4.6 *			2.8 *	2.7 *	6.8
+6.0 m			6.0 *	5.8 *	4.9	4.6 *	3.8 *	3.7	2.7 *	2.6 *	7.9
+4.5 m	7.1 *	7.0 *	6.8 *	6.7 *	5.2 *	5.0 *	3.9 *	3.8	2.7 *	2.6 *	8.5
+3.0 m	15.4 *	15.2	8.4 *	8.3	5.8 *	5.7	4.1 *	4.0	2.7 *	2.6	8.8
+1.5 m	9.9 *	9.7 *	11.2 *	8.4	6.6 *	5.6	4.4 *	4.0	2.9 *	2.8	8.9
0	9.5 *	9.3 *	11.9 *	7.9	7.5 *	5.4	4.8 *	3.9	3.2 *	3.0	8.7
-1.5 m	12.6 *	12.5	11.0 *	7.8	8.1	5.3	5.0 *	3.9	3.9 *	3.3	8.3
-3.5 m	12.1 *	11.8 *	9.3 *	7.9	7.0 *	5.3			4.5 *	3.8	7.5
-4.5 m											

E245BLC - ONE-PIECE BOOM - DIPPERSTICK 3500 mm

HEIGHT											
+9.0 m											
+7.5 m									2.7 *	2.5 *	7.2
+6.0 m							3.9 *	3.8	2.6 *	2.4 *	8.2
+4.5 m							4.5 *	4.4	2.7 *	2.5 *	8.8
+3.0 m			7.3 *	7.1 *	6.0 *	5.9	5.1 *	4.3	2.8 *	2.7	9.1
+1.5 m	15.7 *	15.6	9.5 *	8.8	7.2 *	5.8	5.7 *	4.1	3.0 *	2.9	9.2
0	11.4 *	11.3 *	11.4 *	8.1	8.1 *	5.4	5.5	3.9	3.5 *	2.9	9.0
-1.5 m	13.1 *	12.9	11.9 *	7.9	8.0	5.3	5.4	3.8	4.1	3.0	8.6
-3.5 m	16.9 *	14.9	11.6 *	7.8	7.9	5.1	5.4	3.8	5.1	3.5	7.8
-4.5 m	15.2 *	15.1	10.4 *	7.8	7.5 *	5.3			6.2 *	4.6	6.6

E245BLC - TRIPLE ARTICULATION - DIPPERSTICK 3500 mm

HEIGHT											
+9.0 m									2.9 *	2.8 *	5.9
+7.5 m					4.4 *	4.3 *			2.6 *	2.5 *	7.3
+6.0 m					4.4 *	4.3 *	3.6 *	3.5 *	2.5 *	2.4 *	8.3
+4.5 m			5.9 *	5.6 *	4.8 *	4.7 *	3.7 *	3.6 *	2.5 *	2.4 *	8.9
+3.0 m	11.6 *	11.5 *	7.3 *	7.1 *	5.3 *	5.2 *	3.9 *	3.8	2.6 *	2.5	9.2
+1.5 m	17.1 *	15.3	9.8 *	8.6	6.1 *	5.6	4.2 *	4.0	2.8 *	2.7	9.3
0	11.2 *	11.0 *	11.7 *	7.9	7.1 *	5.3	4.5 *	3.9	3.2 *	2.8	9.1
-1.5 m	12.8 *	12.6 *	11.4 *	7.6	7.9 *	5.1	4.9 *	3.8	3.6 *	2.9	8.7
-3.5 m	13.8 *	13.6 *	10.1 *	7.8	7.4 *	5.1	4.9 *	3.8	4.4	3.4	7.9
-4.5 m			7.3 *	7.2	5.3 *	5.3			4.1 *	3.8	6.5

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

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