NEW HOLLAND

WE150 COMPACT WE170 COMPACT

	WE150 Comp.	WE170 Comp.
BASE ENGINE POWER	90 kW - 121 hp	105 kW - 141 hp
OPERATING WEIGHT	15 000 - 16 500 kg	16 900 - 18 500 kg

NEW HOLLAND CONSTRUCTION

BUILT AROUND YOU

WE150 WE170

NEW HOLLAND Stage IIIA ENGINE

- Powerful with high torque at lower speed
- High productivity with lower pollution

HIGH PERFORMANCE HYDRAULIC SYSTEM

- 3-pumps hydraulic system
- Dedicated pump for full independent swing operation
- Simultaneous movements under every load
- AutoPowerBoost: maximum power available where needed

COMPACT

COMPACT, STABLE AND VERSATILE

- Short tail design with outstanding lifting capacities and stability
- Up to 12 storable attachments in pressure and flow
- New proportional controls for blade/stabilisers and rotating clamshell/tilting bucket circuit

SPACIOUS AND COMFORTABLE CAB

- All-around visibility, parallelogram windshield wiper
- Standard air-suspension seat and tilting left console
- New joysticks with ergonomic handle

EASY MAINTENANCE AND SERVICEABILITY

- Ground level access to engine filters and radiators
- Safe service platform to access engine compartment

WE150 WE170

RESPECTING THE ENVIRONMENT

The New Holland wheeled excavators are compliant with European Directives concerning electromagnetic compatibility and noise level. The emissions of the Stage IIIA New Holland engines have been dramatically reduced and are, as shown below, much lower than standard requirements.

WE150 Compact = CO: 0.87, HC: 0.13, NOx: 3.72, Particulate: 0.19 (*)
WE170 Compact = CO: 0.77, HC: 0.08, NOx: 3.59, Particulate: 0.13 (*)

In addition, these engines can use normal diesel with up to **20% of Biodiesel** added...

...a real Environmentally Friendly machine.

(*) all data are expressed in g/kWh

THE POWER OF CONTROL

NEW HOLLAND ENGINE

The engine of WE150 Compact is a 4 cylinders, 4.5 litres mechanical and develops a power of 90 kW at 2000 rpm and a torque of 525 Nm at lower rpm, while for the WE170 Compact the engine is a 6 cylinders, 6.7 litres mechanical and develops a power of 105 kW at 2000 rpm and a torque of 575 Nm... **an extremely flexible and responsive power plant.**
A larger displacement engine guarantees:

- Higher torque for higher productivity
- Longer lifespan
- Higher reliability

The available **FINE/ECO/POWER modes**, linked to engine speed, facilitate the operator which could find always the best according to the job to do.

A variable speed **hydrostatic fan**, automatically actuated by a thermostatic sensor, draws fresh and clean air from outside through the radiator box optimizing the cooling effect, shortening the warm up and **lowering the noise level**. The reliability improves thanks to a constant system temperature. The lower fan speed also **reduces fuel consumption**.

SUPERIOR TRACTION

The heavy duty axles are combined with a powershift transmission -mounted on the rear axle for a better protection and high ground clearance- to provide **outstanding power train** resulting into a perfect match of high traction performances and smoothness in gear shifting.

The transmission can be operated in both manual and automatic mode. With manual mode the operator can either select the 1st or the 2nd gear, while in **"full automatic mode"** the transmission will autoshift up or down simplifying travelling both on field and road.

Pressing the accelerator pedal, the **Travel Mode** is automatically activated assuring to the power train system the full availability of engine power.

HEAVY DUTY AXLE

New Holland wheeled excavators are equipped with robust axles proven for any **heavy duty** applications contributing into high machine reliability.

The **patented disc brake** design works directly on the axles hubs eliminating the annoying backlash effect, typical of while working free on wheels.

EFFICIENCY AND CONTROLLABILITY

To obtain a Hydraulic System which is efficient, controllable, fast and powerful, and which consumes low fuel, New Holland has been working on every hydraulic component with a 360° approach:

- **state-of-the-art pumps** supply high flow, are prompt to react to all requirements and extremely noiseless;
- **refined control valve** and **new generation joysticks** give precise and total machine control;
- **electronic Pump Control System mark IV** continuously optimizes hydraulic output according to operator and job demands, providing the best machine controllability, productivity, operator comfort and fuel saving.
- **Automatic PowerBoost** and **Levelling Mode** allow to work without problems in every application with maximum productivity and controlability

The new low effort joysticks feature a longer stroke properly transferred into proportional and smooth control of all machine movements... a **real, effective Control of Power** allowing longer work times with less fatigue.

VERSATILITY

Auxiliary circuits are available, as option, for:

- Low flow clamshell rotation circuit, 22 l/min with ON/OFF control
- Medium flow clamshell rotation/tilting bucket circuit, 80 l/min with proportional control
- High flow/high pressure hammer/shears circuit, with proportional control

The proportional control for rotating clamshell or tilting bucket operation is **now operated by a slider** on top of the left joystick, while the foot pedal is maintained for the high flow circuit: this combination assures the full control of all possible tools.

By the monitor, it is possible to **adjust pressure and flow** to match the operating parameters of the attachment being used. In addition up to 12 combinations of pressure and flow can be memorized for future use.

NEW JOYSTICK

The new ergonomic design of handles provides **comfortable and safe grip** giving the feeling of total and superior machine control.

On the right joystick, there is the **innovative control** for blade and stabilisers: a slider operating up/down provides a **full independent and proportional control** keeping always the hand on joystick for maximum operator safety.

By the switches on the left console, **blade and stabilisers** can be activated for simultaneous or independent operation.

ADVANCED VERSATILITY

COMPACT STABILITY

Compactness is an **unique feature** of New Holland; combined with the new triple articulation boom -having the front positioning cylinder- both the WE150 Compact and the WE170 Compact benefit of a good weight distribution providing to the operator **top class lifting performances.**

The short tail swing radius and the triple articulation boom allow to both models the **capability to work every where**, even in the most tight job sites.

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.

SPACIOUS CAB

Roomy cab on New Holland wheeled excavators offers to the operator an outstanding place where to work. **All around visibility, safety and ergonomics** are its main features to maximise operator comfort and to enable optimum performance.

The integrated ROPS contributes to a safe and rigid construction of cab, which is mounted on rubber mounts, assuring to the operator minimum vibrations while working and a protective environment in the unlucky event of a roll-over. **The standard FOPS** marks a milestone for the **operator safety which New Holland devotes its care.** Threaded holes, integrated into the cab structure, enable fast and easy mounting of optional front guard, **effectively contributing to operator safety.**

With tinted safety glasses, transparent roof, sunblind, air-suspension seat, radio and plenty of storage spaces, the cab offers to the operators a **comfortable working environment.**

The **parallel wiper** assures the best cleaning of front windshield maximizing visibility also in the in poor weather conditions.

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

OPERATOR SAFETY & COMFORT

COMFORT SEAT

The comfortable **air-suspension seat** is a standard feature on WE models. It can be adjusted in all directions and back and forth, independently or together with side consoles.
The armrests can be inclined enabling the operator to set the correct position for maximum convenience and comfort.

TILTING CONSOLE

The left console is now **tilting**, enlarging the cab entrance for the operator and resulting **high comfortable** and **safely getting in/out** from the cab.

Steering column, with continuously adjustable inclination, allows to the operators the possibility to set **the correct and most comfortable position** both when driving on the road and working on job site.

LCD MONITOR

The monitor features a LCD screen by which the operator has **continuously control** of machine status.

Maintenance information is clearly displayed and the diagnostic function provides an early warning detection of any malfunctions.
Details of any previous breakdown or malfunction are also stored.

The standard **electronic immobilizer** (PIN code as on mobile phones) and the **attachments select function** are fast and easy to be activated and recalled by the menu.

ACCESSIBLE LAYOUT

The WE models have been designed to make inspections, maintenance and servicing **much easier providing high benefits** on operating costs and time.
The engine oil filter and the fuel filter are remote mounted and easy to reach from ground level, through the right door. The fuel filter, which removes contaminants, has an important function for engine performance and durability.

Cooling module looks like a cube: all radiators are located around three sides of the cube to optimise both cooling performances and space,, which means increased components reliability whilst being easier to check and clean.

BATTERY BOX

The maintenance free batteries are easy to reach for regular checks and fast to be connected if it is needed to start the engine with external assistance. The **automatic master switch** is directly connected to the ignition key in the cab: extending the batteries life avoiding any loose of battery charge.

EASY MAINTENANCE & SERVICEABILITY

SERVICE PLATFORM

The accessibility to the main valve as well to the engine and pumps compartment is provided by the **safe service platform** located behind the cab. From this area it is possible to perform all service and maintenance operations: cleaning or change the air filter, refilling the fuel tank, the windshield water or the cooling expansion tank, access to the electronic components from the rear of the cab.
Easily and safely: this is the New Holland target for maintenance and service.

The optional fuel refilling pump features an automatic stop function which makes simple to fill the tank.

FUSES

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

CENTRALISED GREASING

Maintenance procedures are also improved thanks to grouped and centralised greasing points, which allows all boom wear points to be easily greased from ground level. On request, the WE models 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.


W HOLLAND
30

WE150 COMPACT
SPECIFICATIONS

ENGINE STAGE IIIA

Net engine power (ISO 14396/ECE R120).....90 kW/121 hp
Rated.....2000 rpm
Make and model.....New Holland* - 445TA/MLH
Type..diesel, 4-stroke direct injection, turbo charged and intercooler
Displacement.....4.5 l
Number of cylinders 4
Bore x stroke .....104 x 132 mm
Maximum torque at 1200 rpm.....525 Nm

Remote engine oil filter for easy replacement
Auto-Idling selector returns engine to minimum rpm when all controls are in neutral position
-25° C outside temperature start as standard equipment
The engine complies with 97/68/EC standards STAGE IIIA

ELECTRICAL SYSTEM

Voltage .....24 V
Batteries.....2 x 12 V
Battery rating (each) .....100 Ah
Alternator.....70 A
Starter motor.....4 kW

HYDRAULIC SYSTEM

Primary pumps .....3 variable displacement, axial piston
Total maximum flow .....330 l/min (2 x 125 + 80)
Auxiliary low flow, optional (on/off).....22 l/min
Auxiliary medium flow, optional (proportional) .....80 l/min
Implement /travel pressure.....340/370 bar
Power Boost .....370 bar
Swing circuit pressure.....360 bar
Pilot pump .....45 bar
Boom cylinder mono.....105 x 1041 mm
Boom cylinder 2-piece boom .....105 x 1023 mm
Arm cylinder.....105 x 1176 mm
Bucket cylinder .....100 x 870 mm
Positioning cylinder .....135 x 599 mm

Control and monitoring system (Pump Control System IV).
Electrohydraulic servo-control.
Three-pump hydraulics with two main pumps and separate swing pump. Monitoring of engine and pumps by power limit control.
7 selectable power stages for digging and lifting.
Levelling mode for smooth operation.
Cylinder end stroke damping.
Automatic power increase in the drive mode.

SWING DRIVE

Swing speed .....9.5 rpm
Swing torque (SAE J1371).....38 kNm

The swing function is operated by a hydraulic closed circuit coupled with a mechanical reducer integrating an automatic static brake. The hydro-static swing brake is adjustable in 3 settings.

TRANSMISSION

	STD km/h	OPT km/h
Road travel speed	20	30
Field travel speed	5	8
Creep speed	2	2

Maximum drawbar pull (field) .....91 kN

Power Shift multi-disc gearbox shiftable under load.
Automatic or manual gear shift control.
Travel mode automatically engaged by pressing accelerator pedal.

CAB AND CONTROLS

Sound suppressed cab with modern design, integrated ROPS and standard FOPS, tinted safety glass and, insertable front window.
Sunshade, roof window, transparent rain shield.
LC display with integrated diagnosis function.
Incline adjustable steering column.
Ergonomic design of armrests and foot pedals, armrest is height adjustable.
Operator's seat individually adjustable in height and inclination.
Tiltable left console. Radio. Standard pneumatic and heated seat.

BRAKE SYSTEM

Service brakes: play free, oil bath multi disc type integrated in all four wheel hubs.
Work brake: acts on service brakes and locks front axle oscillation.
Parking brake: spring type mechanical acting on the transmission.
Emergency brake: double braking circuit and automatic parking and automatic parking brake actuation with the engine shut down.

STEERING

Type .....ORBITROL with safety valve
Pump .....gear type
Steering cylinder .....double effect, integrated in axle
Turning circle diameter (with 10.00-20 twin tyres).....16.0 m

TYRES

Twin tyres.....10.00-20, 315/80-22.5
Single tyres 18R 19.5, 600/40-22.5
Tyre availability can be limited by local homologation.

CAPACITIES

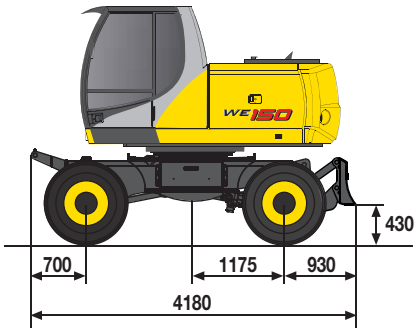
	Litres
Engine oil	13
Cooling system	26
Fuel tank	210
Hydraulic system (incl. tank)	230

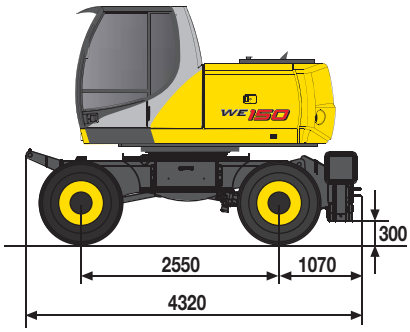
* Manufactured for New Holland by CNH UK Ltd

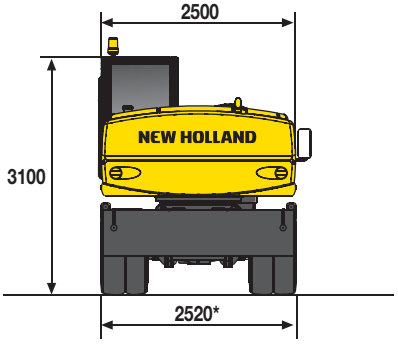
DIMENSIONS (mm)

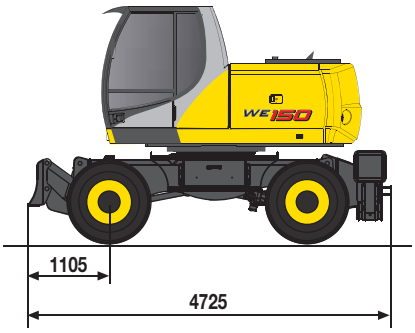
EQUIPPED WITH TWIN TIRES 10.00 - 20

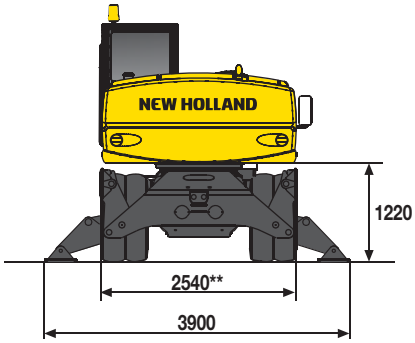
ARM		TRIPLE ARTICULATION			MONOBOOM			OFFSET MONOBOOM		
		2000	2300	2600	2000	2300	2600	2000	2300	2600
A	mm	2740	2720	2980	2925	3190	3190	2805	3100	3400
B - with REAR BLADE	mm	8135	8130	8095	7930	7960	7975	7890	7970	7885
B - with REAR STABILISERS	mm	8275	8270	8235	8070	8100	8115	8030	8110	8025

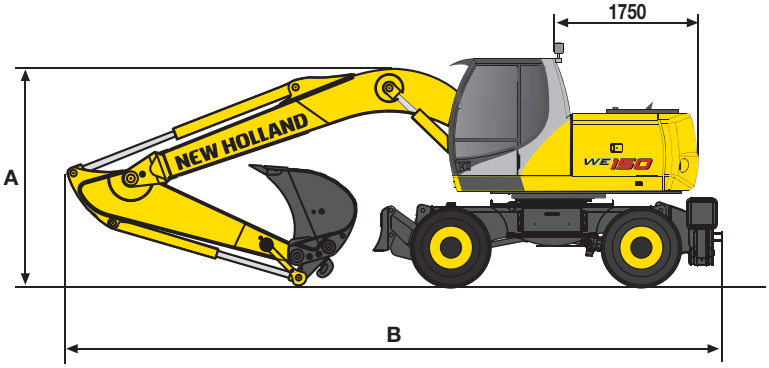












* With twin tyres 315/80-22.5 = 2535
With single tyres 600/40-22.5 = 2490
With single tyres 18R 19.5 = 2500

** Blade width = 2530

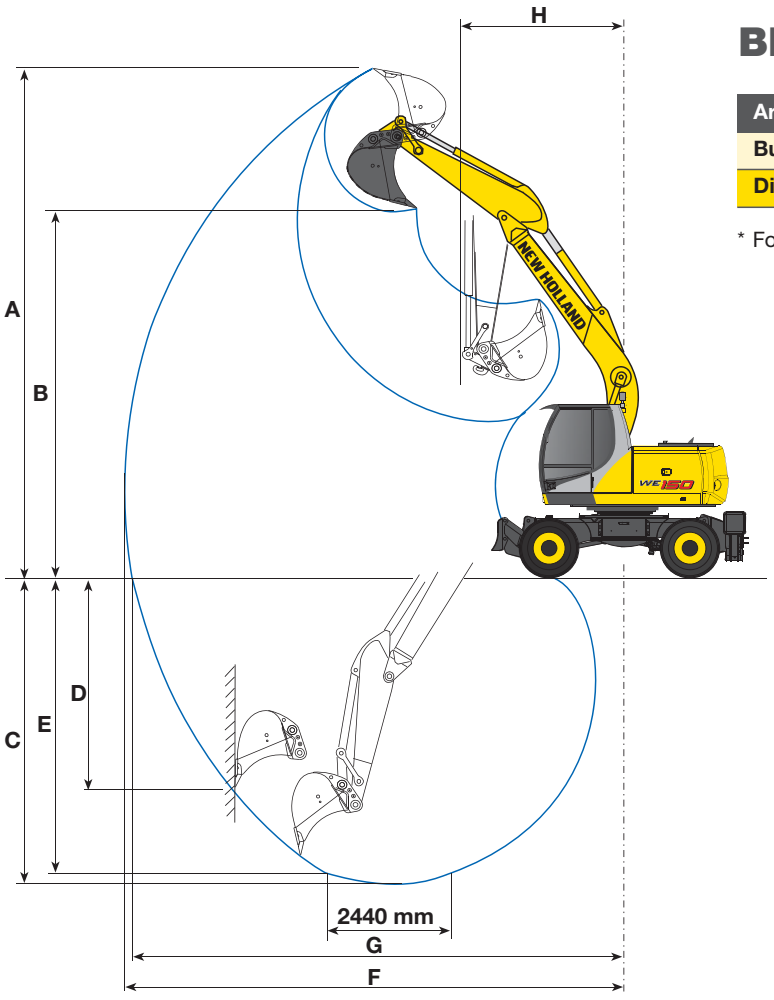
MAX OPERATING WEIGHTS (kg)

INCLUDING TWIN TIRES 10.00 - 20, BUCKET (480 kg)

EQUIPMENT TYPE	TRIPLE ARTICULATION	MONOBOOM	OFFSET MONOBOOM
REAR BLADE	15200	15000	15500
REAR STABILISERS	15200	15000	16000
FRONT BLADE & REAR STABILISERS	15700	15500	16500

DIGGING PERFORMANCE

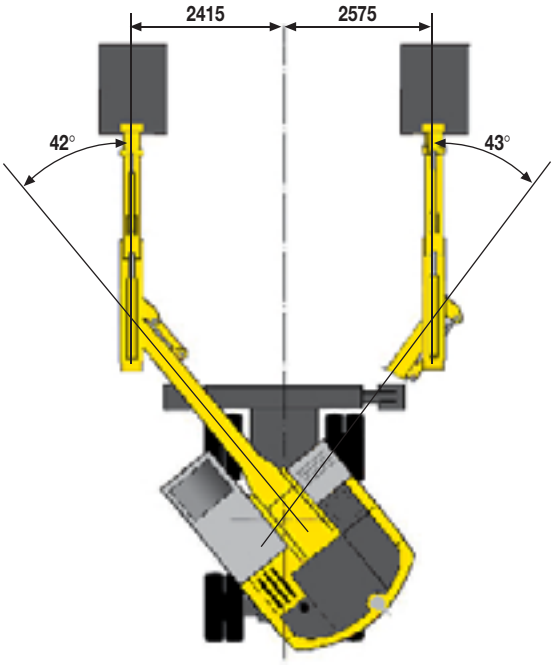
ARM		TRIPLE ARTICULATION			MONOBOOM			OFFSET MONOBOOM		
		2000	2300	2600	2000	2300	2600	2000	2300	2600
A - Max Digging Height	mm	9330	9435	9660	8370	8330	8490	8350	8300	8445
B - Max Dumping Height	mm	6890	6995	7220	6000	6010	6165	5995	5990	6140
C - Max Digging Depth	mm	4690	4970	5265	4815	5115	5415	4740	5040	5340
D - Digging Depth at Wall	mm	3320	3415	3680	3130	3035	3300	2920	2815	3080
E - Digging Depth at Flat Bottom	mm	4570	4855	5160	4550	4845	5170	4465	4760	5080
F - Max Reach	mm	8430	8660	8945	8195	8400	8680	8160	8355	8625
G - Max Reach at Ground	mm	8225	8460	8750	7985	8195	8480	7945	8145	8425
H - Minimum Swing Radius	mm	2695	2590	2700	2950	2960	2965	2860	2860	2860
Max Digging Depth with Offset	mm	-	-	-	-	-	-	1540	1840	2140
Max Reach at Ground with Offset	mm	-	-	-	-	-	-	7185	7300	7530



BREAKOUT FORCE (SAE)*

Arm	mm	2000	2300	2600
Bucket	kN	96.2	96.2	96.2
Dipperstick	kN	67.3	61.6	58.6

* For all boom versions / with power boost



LIFTING CAPACITY

TRIPLE articulation

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2000 DIPPERSTICK

REAR BLADE UP

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
+6.0 m			3.8*	3.6	2.6*	2.2			2.1*	2.1*	6.1
+4.5 m	4.3*	4.3*	4.5*	3.6	3.5	2.3			1.9*	1.7	7.0
+3.0 m	8.3*	6.1	5.3	3.5	3.5	2.3			1.9*	1.5	7.4
+1.5 m	9.3*	6.0	5.2	3.5	3.4	2.2	2.2*	1.4	2.1*	1.4	7.5
0.0 m	10.0	5.8	5.3	3.3	3.3	2.1			2.3*	1.5	7.3
-1.5 m	10.1	5.6	5.1	3.1	3.2	2.0			2.7	1.7	6.7
-3.0 m	10.0	5.5	5.0	3.0							

REAR BLADE DOWN

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
+6.0 m			3.8*	3.8*	2.6*	2.5			2.1*	2.1*	6.1
+4.5 m	4.3*	4.3*	4.5*	4.1*	4.0*	2.6			1.9*	1.9*	7.0
+3.0 m	8.3*	7.0	6.1*	3.9	4.7*	2.6			1.9*	1.7	7.4
+1.5 m	9.3*	6.9	7.1*	3.9	5.2*	2.5	2.2*	1.7	2.1*	1.7	7.5
0.0 m	11.2*	6.9	7.5*	3.8	5.4*	2.4			2.3*	1.7	7.3
-1.5 m	12.4*	6.6	7.6*	3.6	5.3*	2.3			2.8*	1.9	6.7
-3.0 m	12.4*	6.5	6.9*	3.5							

FRONT BLADE & REAR STAB. DOWN

+6.0 m			3.8*	3.8*	2.6*	2.6*			2.1*	2.1*	6.1
+4.5 m	4.3*	4.3*	4.5*	4.5*	4.0*	3.9*			1.9*	1.9*	7.0
+3.0 m	8.3*	8.3*	6.1*	5.8	4.7*	3.9*			1.9*	1.9*	7.4
+1.5 m	9.3*	9.3*	7.1*	5.7	5.2*	3.8	2.2*	2.2*	2.1*	2.1*	7.5
0.0 m	11.2*	11.2*	7.5*	5.8*	5.4*	3.7			2.3*	2.3*	7.3
-1.5 m	12.4*	11.7	7.6*	5.7	5.3*	3.6			2.8*	2.8*	6.7
-3.0 m	12.4*	11.6	6.9*	5.5							

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m			3.3*	3.3*	2.7*	2.2			1.7*	1.7*	6.4
+4.5 m			3.9*	3.6	3.5*	2.3			1.7*	1.6	7.2
+3.0 m	8.7*	6.2	5.3	3.5	3.5	2.3	2.3*	1.5	1.7*	1.4	7.6
+1.5 m	9.3*	6.0	5.2*	3.4	3.5	2.2	2.3	1.4	1.8*	1.4	7.7
0.0 m	10.0	5.9	5.3	3.3	3.3	2.1	2.2*	1.4	2.1*	1.4	7.5
-1.5 m	10.1	5.6	5.1	3.1	3.2	2.0			2.5*	1.5	7.0
-3.0 m	9.9	5.4	4.9	2.9							

REAR BLADE DOWN

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
+6.0 m			3.3*	3.3*	2.7*	2.5			1.7*	1.7*	6.4
+4.5 m			3.9*	3.9*	3.6*	2.6			1.7*	1.7*	7.2
+3.0 m	8.7*	7.1	5.8*	3.9	4.5*	2.6	2.3*	1.7	1.7*	1.6	7.6
+1.5 m	9.3*	6.9	6.9*	3.8	5.0*	2.5	2.9*	1.7	1.8*	1.6	7.7
0.0 m	10.9*	6.9	7.4*	3.8	5.3*	2.4	2.2*	1.6	2.1*	1.6	7.5
-1.5 m	12.3*	6.6	7.5*	3.6	5.4*	2.3			2.5*	1.8	7.0
-3.0 m	12.6*	6.5	7.3*	3.4							

FRONT BLADE & REAR STAB. DOWN

+6.0 m			3.3*	3.3*	2.7*	2.7*			1.7*	1.7*	6.4
+4.5 m			3.9*	3.9*	3.6*	3.6*			1.7*	1.7*	7.2
+3.0 m	8.7*	8.7*	5.8*	5.8*	4.5*	3.8	2.3*	2.3*	1.7*	1.7*	7.6
+1.5 m	9.3*	9.3*	6.9*	5.7	5.0*	3.8	2.9*	2.6	1.8*	1.8*	7.7
0.0 m	10.9*	10.9*	7.4*	5.8*	5.3*	3.7	2.2*	2.2*	2.1*	2.1*	7.5
-1.5 m	12.3*	11.6*	7.5*	5.7	5.4*	3.5			2.5*	2.5*	7.0
-3.0 m	12.6*	11.5	7.3*	5.5							

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m			2.9*	2.9*	2.6*	2.3			1.5*	1.5*	6.8
+4.5 m			3.3*	3.3*	3.2*	2.3	1.5*	1.5*	1.4*	1.4*	7.5
+3.0 m	8.3*	6.2	5.3	3.4	3.5*	2.3	2.4	1.5	1.4*	1.3	7.9
+1.5 m	9.2*	5.9	5.2	3.4	3.5	2.2	2.4	1.5	1.6*	1.3	8.0
0.0 m	9.8	5.9	5.2	3.3	3.4	2.1	2.3	1.4	1.8*	1.3	7.8
-1.5 m	10.1	5.6	5.2	3.1	3.2	2.0			2.1*	1.4	7.3
-3.0 m	10.0	5.5	4.9	2.9	3.1	1.9			3.0*	1.8	6.3

REAR BLADE DOWN

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
+6.0 m			2.9*	2.9*	2.6*	2.6			1.5*	1.5*	6.8
+4.5 m			3.3*	3.3*	3.2*	2.6	1.5*	1.5*	1.4*	1.4*	7.5
+3.0 m	8.3*	7.1	5.4*	3.9	4.3*	2.6	2.6*	1.7	1.4*	1.4*	7.9
+1.5 m	9.2*	6.9*	6.7*	3.8	4.9*	2.5	3.2*	1.7	1.6*	1.5	8.0
0.0 m	10.4*	6.9	7.3*	3.8	5.2*	2.4	3.1*	1.6	1.8*	1.5	7.8
-1.5 m	12.1*	6.6	7.4*	3.6	5.3*	2.3			2.1*	1.7	7.3
-3.0 m	12.6*	6.5	7.6*	3.4	4.4*	2.2			3.0*	2.1	6.3

FRONT BLADE & REAR STAB. DOWN

+6.0 m			2.9*	2.9*	2.6*	2.6*			1.5*	1.5*	6.8
+4.5 m			3.3*	3.3*	3.2*	3.2*	1.5*	1.5*	1.4*	1.4*	7.5
+3.0 m	8.3*	8.3*	5.4*	5.4*	4.3*	3.8	2.6*	2.6*	1.4*	1.4*	7.9
+1.5 m	9.2*	9.2*	6.7*	5.7	4.9*	3.7	3.2*	2.6	1.6*	1.6*	8.0
0.0 m	10.4*	10.4*	7.3*	5.7	5.2*	3.7	3.1*	2.5	1.8*	1.8*	7.8
-1.5 m	12.1*	11.4	7.4*	5.8	5.3*	3.5			2.1*	2.1*	7.3
-3.0 m	12.6*	11.6	7.6*	5.5	4.4*	3.5			3.0*	3.0*	6.3

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

WE150 COMPACT

LIFTING CAPACITY

MONOBOOM

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2000 DIPPERSTICK

REAR BLADE UP

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
+6.0 m									1.8*	1.8*	5.8
+4.5 m			4.4*	3.5	3.4*	2.2			1.7*	1.7*	6.7
+3.0 m	8.8*	5.7	5.3	3.2	3.4	2.1			1.8*	1.6	7.1
+1.5 m	4.4*	4.4*	4.9	3.0	3.3	2.0			2.0*	1.5	7.2
0.0 m	5.9*	4.8	4.7	2.8	3.2	1.9			2.3*	1.6	7.0
-1.5 m	9.1	4.8	4.7	2.7	3.1	1.9			2.9	1.8	6.4
-3.0 m	8.9*	5.0	4.8	2.8					3.9	2.3	5.2

REAR BLADE DOWN

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
+6.0 m									1.8*	1.8*	5.8
+4.5 m			4.4*	4.0	3.4*	2.6			1.7*	1.7*	6.7
+3.0 m	8.8*	6.8	5.6*	3.7	4.5*	2.5			1.8*	1.8*	7.1
+1.5 m	4.4*	4.4*	6.8*	3.4	5.0*	2.3			2.0*	1.8	7.2
0.0 m	5.9*	5.8	7.4*	3.3	5.4*	2.2			2.3*	1.8	7.0
-1.5 m	9.2*	5.8	7.2*	3.2	5.2*	2.2			3.1*	2.1	6.4
-3.0 m	8.9*	6.0	6.0*	3.3					4.9*	2.7	5.2

FRONT BLADE & REAR STAB. DOWN

+6.0 m									1.8*	1.8*	5.8
+4.5 m			4.4*	4.4*	3.4*	3.4*			1.7*	1.7*	6.7
+3.0 m	8.8*	8.8*	5.6*	5.6*	4.5*	3.7			1.8*	1.8*	7.1
+1.5 m	4.4*	4.4*	6.8*	5.5	5.0*	3.6			2.0*	2.0*	7.2
0.0 m	5.9*	5.9*	7.4*	5.3	5.4*	3.5			2.3*	2.3*	7.0
-1.5 m	9.2*	9.2*	7.2*	5.2	5.2*	3.5			3.1*	3.1*	6.4
-3.0 m	8.9*	8.9*	6.0*	5.3					4.9*	4.3	5.2

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m									1.5*	1.5*	6.0
+4.5 m					3.1*	2.3			1.5*	1.5*	6.9
+3.0 m	7.9*	5.9	5.3*	3.3	3.4	2.1			1.6*	1.6*	7.3
+1.5 m	6.2*	5.0	5.0	3.0	3.3	2.0			1.7*	1.5	7.4
0.0 m	6.4*	4.8	4.7	2.8	3.2	1.9			2.1*	1.5	7.2
-1.5 m	8.8*	4.8	4.7	2.7	3.1	1.9			2.8*	1.7	6.6
-3.0 m	9.2	4.9	4.7	2.7					3.6	2.1	5.5

REAR BLADE DOWN

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
+6.0 m									1.5*	1.5*	6.0
+4.5 m					3.1*	2.6			1.5*	1.5*	6.9
+3.0 m	7.9*	6.9	5.3*	3.8	4.3*	2.5			1.6*	1.6*	7.3
+1.5 m	6.2*	6.0	6.6*	3.4	4.9*	2.3			1.7*	1.7*	7.4
0.0 m	6.4*	5.7	7.3*	3.2	5.3*	2.2			2.1*	1.7	7.2
-1.5 m	8.8*	5.7	7.3*	3.2	5.2*	2.2			2.8*	1.9	6.6
-3.0 m	9.4*	5.9	6.3*	3.2					4.9*	2.5	5.5

FRONT BLADE & REAR STAB. DOWN

+6.0 m									1.5*	1.5*	6.0
+4.5 m					3.1*	3.1*			1.5*	1.5*	6.9
+3.0 m	7.9*	7.9*	5.3*	5.3*	4.3*	3.7			1.6*	1.6*	7.3
+1.5 m	6.2*	6.2*	6.6*	5.5	4.9*	3.6			1.7*	1.7*	7.4
0.0 m	6.4*	6.4*	7.3*	5.3	5.3*	3.5			2.1*	2.1*	7.2
-1.5 m	8.8*	8.8*	7.3*	5.2	5.2*	3.4			2.8*	2.8*	6.6
-3.0 m	9.4*	9.4*	6.3*	5.3					4.9*	3.9	5.5

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					1.9*	1.9*			1.3*	1.3*	6.4
+4.5 m					2.9*	2.3			1.3*	1.3*	7.2
+3.0 m	7.0*	6.1	4.9*	3.3	3.4	2.1	1.6*	1.5	1.3*	1.3*	7.6
+1.5 m	7.6*	5.1	5.0	3.0	3.3	2.0	2.1*	1.4	1.5*	1.4	7.7
0.0 m	6.4*	4.8	4.7	2.8	3.1	1.9			1.7*	1.4	7.5
-1.5 m	8.3*	4.7	4.6	2.7	3.1	1.8			2.3*	1.5	6.9
-3.0 m	9.1	4.8	4.6	2.7					3.2	1.9	5.9

REAR BLADE DOWN

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
+6.0 m					1.9*	1.9*			1.3*	1.3*	6.4
+4.5 m					2.9*	2.6			1.3*	1.3*	7.2
+3.0 m	7.0*	7.0*	4.9*	3.8	3.9*	2.5	1.6*	1.6*	1.3*	1.3*	7.6
+1.5 m	7.6*	6.1	6.3*	3.5	4.7*	2.3	2.1*	1.7	1.5*	1.5*	7.7
0.0 m	6.4*	5.7	7.2*	3.2	5.2*	2.2			1.7*	1.6	7.5
-1.5 m	8.3*	5.7	7.3*	3.1	5.2*	2.1			2.3*	1.8	6.9
-3.0 m	9.9*	5.8	6.6*	3.2					3.7*	2.2	5.9

FRONT BLADE & REAR STAB. DOWN

+6.0 m					1.9*	1.9*			1.3*	1.3*	6.4
+4.5 m					2.9*	2.9*			1.3*	1.3*	7.2
+3.0 m	7.0*	7.0*	4.9*	4.9*	3.9*	3.8	1.6*	1.6*	1.3*	1.3*	7.6
+1.5 m	7.6*	7.6*	6.3*	5.5	4.7*	3.6	2.1*	2.1*	1.5*	1.5*	7.7
0.0 m	6.4*	6.4*	7.2*	5.3	5.2*	3.5			1.7*	1.7*	7.5
-1.5 m	8.3*	8.3*	7.3*	5.2	5.2*	3.4			2.3*	2.3*	6.9
-3.0 m	9.9*	9.9*	6.6*	5.2					3.7*	3.5	5.9

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

LIFTING CAPACITY

OFFSET MONOBOOM

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2000 DIPPERSTICK

REAR BLADE UP

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
+6.0 m									1.8*	1.8*	5.7
+4.5 m			4.5*	3.5	3.2*	2.2			1.7*	1.7*	6.6
+3.0 m	8.8*	5.6	5.2	3.1	3.3	2.0			1.8*	1.5	7.1
+1.5 m	4.7*	4.5	4.8	2.7	3.1	1.9			2.0*	1.4	7.2
0.0 m	6.2*	4.3	4.5	2.5	3.0	1.7			2.4*	1.4	6.9
-1.5 m	8.6	4.4	4.4	2.5	3.0	1.7			2.8	1.6	6.3
-3.0 m	7.9*	4.6	4.5	2.5					3.7	2.1	5.2

REAR BLADE DOWN

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
+6.0 m									1.8*	1.8*	5.7
+4.5 m			4.5*	4.0	3.2*	2.5			1.7*	1.7*	6.6
+3.0 m	8.8*	6.6	5.6*	3.6	4.4*	2.3			1.8*	1.8*	7.1
+1.5 m	4.7*	4.7*	6.6*	3.2	4.9*	2.2			2.0*	1.7	7.2
0.0 m	6.2*	5.3	7.1*	3.0	5.1*	2.0			2.4*	1.7	6.9
-1.5 m	9.4*	5.3	6.8*	2.9	4.8*	2.0			3.3*	1.9	6.3
-3.0 m	7.9*	5.5	5.5*	3.0					4.5*	2.5	5.2

FRONT BLADE & REAR STAB. DOWN

+6.0 m									1.8*	1.8*	5.7
+4.5 m			4.5*	4.5*	3.2*	3.2*			1.7*	1.7*	6.6
+3.0 m	8.8*	8.8*	5.6*	5.6*	4.4*	4.0			1.8*	1.8*	7.1
+1.5 m	4.7*	4.7*	6.6*	5.9	4.9*	3.9			2.0*	2.0*	7.2
0.0 m	6.2*	6.2*	7.1*	5.7	5.1*	3.7			2.4*	2.4*	6.9
-1.5 m	9.4*	9.4*	6.8*	5.6	4.8*	3.7			3.3*	3.3*	6.3
-3.0 m	7.9*	7.9*	5.5*	5.5*					4.5*	4.5*	5.2

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m									1.5*	1.5*	5.9
+4.5 m					3.0*	2.2			1.5*	1.5*	6.8
+3.0 m	8.0*	5.8	5.2	3.2	3.3	2.0			1.6*	1.5	7.3
+1.5 m	6.5*	4.6	4.8	2.8	3.1	1.9			1.8*	1.4	7.4
0.0 m	6.6*	4.3	4.5	2.5	3.0	1.7			2.1*	1.4	7.1
-1.5 m	8.6	4.3	4.4	2.4	2.9	1.7			2.6	1.5	6.5
-3.0 m	8.5*	4.4	4.4	2.5					3.4	2.0	5.4

REAR BLADE DOWN

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
+6.0 m									1.5*	1.5*	5.9
+4.5 m					3.0*	2.5			1.5*	1.5*	6.8
+3.0 m	8.0*	6.9	5.3*	3.7	4.3*	2.4			1.6*	1.6*	7.3
+1.5 m	6.5*	5.6	6.4*	3.3	4.7*	2.2			1.8*	1.6	7.4
0.0 m	6.6*	5.3	7.0*	3.0	5.0*	2.0			2.1*	1.6	7.1
-1.5 m	9.0*	5.2	6.8*	2.9	4.9*	2.0			2.9*	1.8	6.5
-3.0 m	8.5*	5.4	5.8*	2.9					4.6*	2.3	5.4

FRONT BLADE & REAR STAB. DOWN

+6.0 m									1.5*	1.5*	5.9
+4.5 m					3.0*	3.0*			1.5*	1.5*	6.8
+3.0 m	8.0*	8.0*	5.3*	5.3*	4.3*	4.1			1.6*	1.6*	7.3
+1.5 m	6.5*	6.5*	6.4*	6.0	4.7*	3.9			1.8*	1.8*	7.4
0.0 m	6.6*	6.6*	7.0*	5.7	5.0*	3.7			2.1*	2.1*	7.1
-1.5 m	9.0*	9.0*	6.8*	5.5	4.9*	3.6			2.9*	2.9*	6.5
-3.0 m	8.5*	8.5*	5.8*	5.6					4.6*	4.3	5.4

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					1.8*	1.8*			1.3*	1.3*	6.3
+4.5 m					2.8*	2.2			1.3*	1.3*	7.1
+3.0 m	7.2*	6.0	4.9*	3.2	3.4	2.1	1.4*	1.4	1.3*	1.3*	7.5
+1.5 m	8.1*	4.8	4.8	2.8	3.2	1.9	1.9*	1.3	1.5*	1.3	7.6
0.0 m	6.7*	4.3	4.5	2.5	3.0	1.7			1.8*	1.3	7.4
-1.5 m	8.5	4.2	4.3	2.4	2.9	1.6			2.4*	1.4	6.8
-3.0 m	8.6	4.3	4.4	2.4					3.1	1.7	5.8

REAR BLADE DOWN

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
+6.0 m					1.8*	1.8*			1.3*	1.3*	6.3
+4.5 m					2.8*	2.5			1.3*	1.3*	7.1
+3.0 m	7.2*	7.1	4.9*	3.7	3.9*	2.4	1.4*	1.4*	1.3*	1.3*	7.5
+1.5 m	8.1*	5.8	6.1*	3.3	4.6*	2.2	1.9*	1.5	1.5*	1.5*	7.6
0.0 m	6.7*	5.3	6.9*	3.0	5.0*	2.0			1.8*	1.5	7.4
-1.5 m	8.5*	5.2	6.9*	2.9	4.9*	1.9			2.4*	1.6	6.8
-3.0 m	9.0*	5.3	6.0*	2.9					4.0*	2.1	5.8

FRONT BLADE & REAR STAB. DOWN

+6.0 m					1.8*	1.8*			1.3*	1.3*	6.3
+4.5 m					2.8*	2.8*			1.3*	1.3*	7.1
+3.0 m	7.2*	7.2*	4.9*	4.9*	3.9*	3.9*	1.4*	1.4*	1.3*	1.3*	7.5
+1.5 m	8.1*	8.1*	6.1*	6.0	4.6*	3.9	1.9*	1.9*	1.5*	1.5*	7.6
0.0 m	6.7*	6.7*	6.9*	5.7	5.0*	3.7			1.8*	1.8*	7.4
-1.5 m	8.5*	8.5*	6.9*	5.5	4.9*	3.6			2.4*	2.4*	6.8
-3.0 m	9.0*	9.0*	6.0*	5.5					4.0*	3.8	5.8

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

WE170 COMPACT
SPECIFICATIONS

ENGINE STAGE IIIA

Net engine power (ECE R120) .....105 kW/141 hp
Rated Speed .....2000 rpm
Make and model .....New Holland* 667TA/MEC
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 .....575 Nm

Auto-Idling selector returns engine to minimum rpm when all controls are in neutral position
-25° C outside temperature start as standard equipment
The engine complies with requirements set by European directive 97/68/EC (2004/26/EC) STAGE IIIA

ELECTRICAL SYSTEM

Voltage .....24 V
Batteries .....2 x 12 V
Battery rating (each).....100 Ah
Alternator 70A
Starter motor .....4 kW

HYDRAULIC SYSTEM

Primary pumps .....3 variable displacement, axial piston
Total maximum flow .....370 l/min (2 x 145 + 80)
Auxiliary low flow, optional (on/off) .....22 l/min
Auxiliary medium flow, optional (proportional) .....80 l/min
Implement /travel pressure .....340/370 bar
Power Boost.....370 bar
Swing circuit pressure.....390 bar
Pilot pump .....45 bar
Boom cylinder mono .....115 x 1065 mm
Boom cylinder 2-piece boom .....115 x 1012 mm
Arm cylinder.....120 x 1085 mm
Bucket cylinder .....105 x 1025 mm
Positioning cylinder .....145 x 600 mm

Control and monitoring system (Pump Control System IV).
Electrohydraulic servo-control.
Three-pump hydraulics with two main pumps and separate swing pump. Monitoring of engine and pumps by power limit control.
7 selectable power stages for digging and lifting.
Levelling mode for smooth operation.
Cylinder end stroke damping.
Automatic power increase in the drive mode.

SWING DRIVE

Swing speed .....9.0 rpm
Swing torque (SAE J1371).....43.4 kNm
The swing function is operated by a hydraulic closed circuit coupled with a mechanical reducer integrating an automatic static brake. The hydro-static swing brake is adjustable in 3 settings.

TRANSMISSION

	STD km/h	OPT km/h
Max travel speed	20	30
Field travel speed	5	8
Min creep speed	2	2

Max drawbar pull.....91 kN

Power Shift multi-disc gearbox shiftable under load.
Automatic or manual gear shift control.
Travel mode automatically engaged by pressing accelerator pedal.

CAB AND CONTROLS

Sound suppressed cab with modern design, integrated ROPS and standard FOPS, tinted safety glass and, insertable front window.
Sunshade, roof window, transparent rain shield.
LC display with integrated diagnosis function.
Incline adjustable steering column.
Ergonomic design of armrests and foot pedals, armrest is height adjustable.
Operator's seat individually adjustable in height and inclination.
Tiltable left console. Radio. Standard pneumatic and heated seat.

BRAKE SYSTEM

Service brakes: play free, oil bath multi disc type integrated in all four wheel hubs.
Work brake: acts on service brakes and locks front axle oscillation.
Parking brake: spring type mechanical acting on the transmission.
Emergency brake: double braking circuit and automatic parking and automatic parking brake actuation with the engine shut down.

STEERING

Type .....ORBITROL with safety valve
Pump .....gear type
Steering cylinder.....double effect, integrated in axle
Turning circle diameter (with 10.00-20 twin tyres).....16.0 m

TYRES

Twin tyres.....10.00-20, 315/80-22.5
Single tyres 18R 19.5, 600/40-22.5
Tyre availability can be limited by local homologation.

CAPACITIES

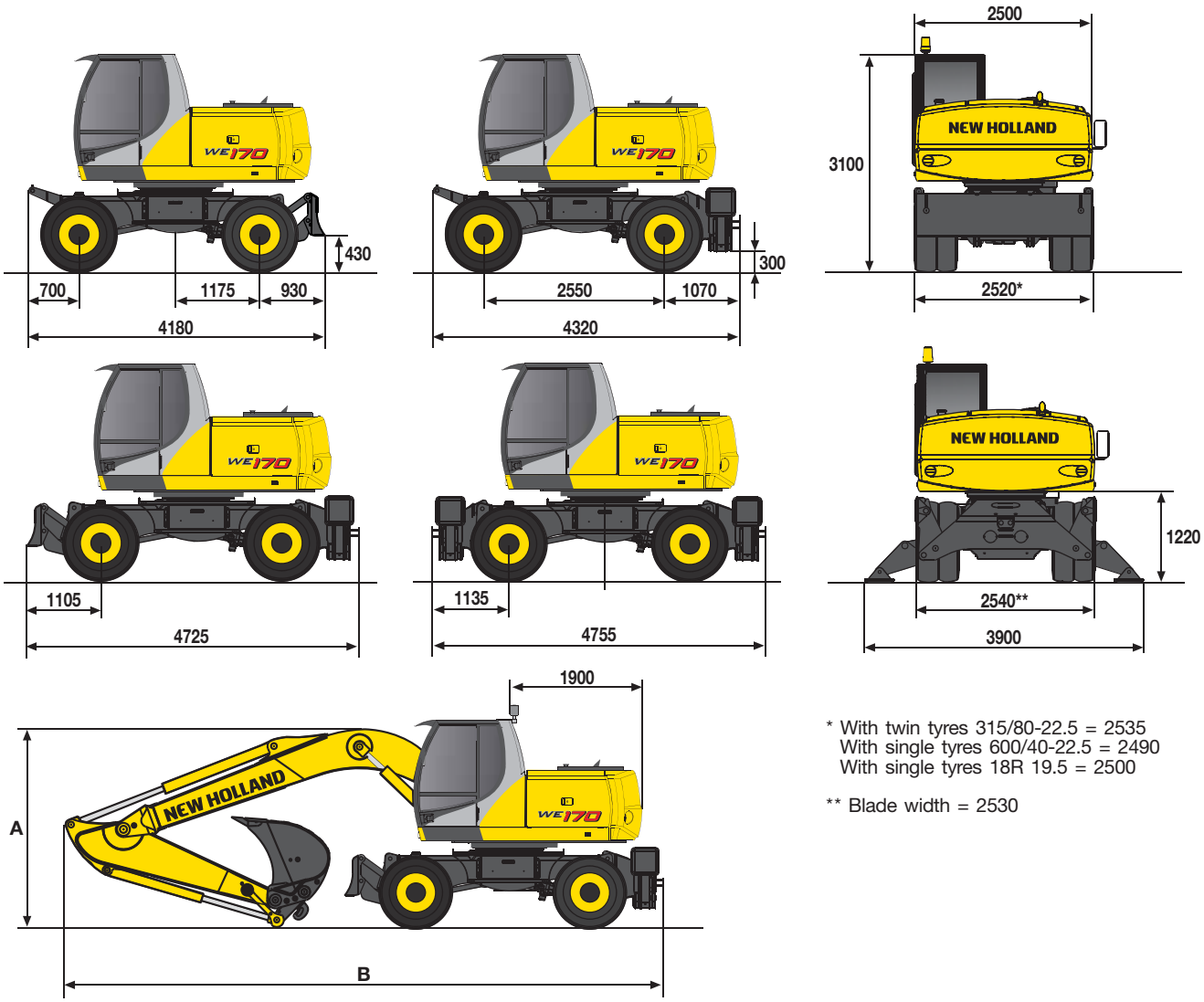
	Litres
Engine oil	16
Cooling system	26
Fuel tank	270
Hydraulic system (incl. tank)	290

* Manufactured for New Holland by CNH UK Ltd

DIMENSIONS (mm)

EQUIPPED WITH TWIN TIRES 10.00 - 20

ARM		TRIPLE ARTICULATION			MONOBOOM			OFFSET MONOBOOM		
		2300	2600	2900	2300	2600	2900	2300	2600	2900
A - Boom Top	mm	2835	2915	3005	2905	3125	3400	3060	3110	3520
B - with REAR BLADE	mm	8385	8390	8370	8025	8095	8030	8080	8085	8015
B - with REAR STABILISERS	mm	8525	8530	8510	8165	8235	8170	8220	8225	8155



* With twin tyres 315/80-22.5 = 2535
With single tyres 600/40-22.5 = 2490
With single tyres 18R 19.5 = 2500

** Blade width = 2530

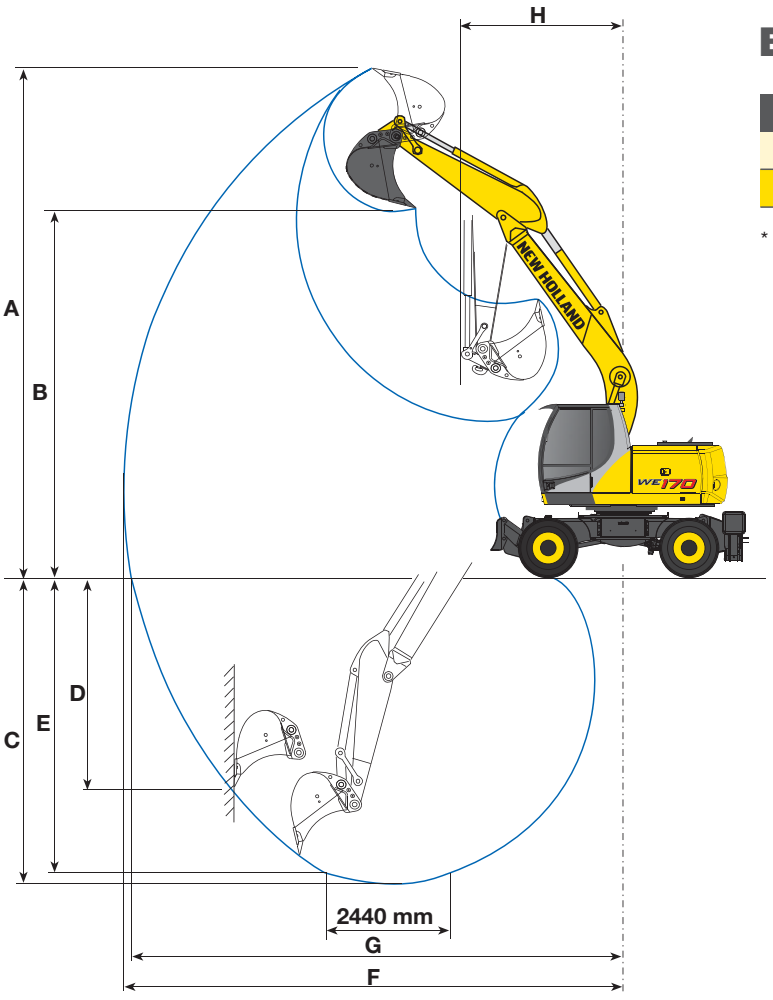
MAX OPERATING WEIGHTS (kg)

INCLUDING TWIN TIRES 10.00 - 20, BUCKET (510 kg)

EQUIPMENT TYPE	TRIPLE ARTICULATION	MONOBOOM	OFFSET MONOBOOM
REAR BLADE	17250	16900	17600
REAR STABILISERS	17250	16900	17600
FRONT BLADE & REAR STABILISERS	17650	17300	18500
FRONT & REAR STABILISERS	18150	17800	-

DIGGING PERFORMANCE

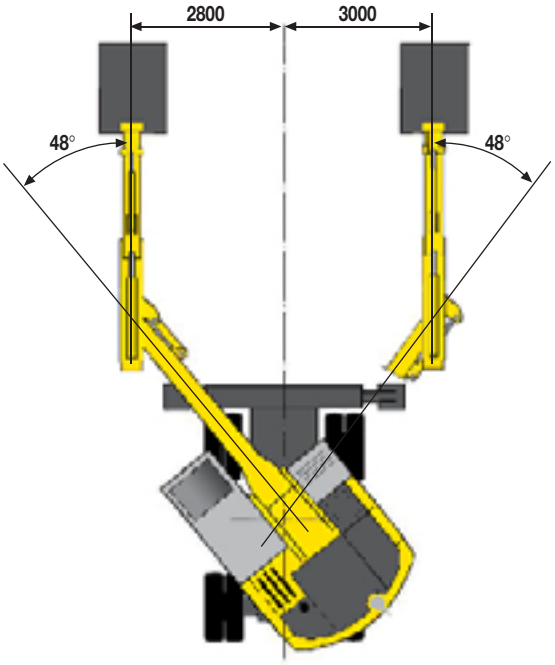
ARM		TRIPLE ARTICULATION			MONOBOOM			OFFSET MONOBOOM		
		2300	2600	2900	2300	2600	2900	2300	2600	2900
A - Max Digging Height	mm	9910	10140	10375	8960	9140	9320	8995	9170	9350
B - Max Dumping Height	mm	7170	7405	7640	6275	6455	6635	6310	6490	6665
C - Max Digging Depth	mm	5400	5690	5995	5415	5715	6015	5325	5625	5925
D - Digging Depth at Wall	mm	4140	4420	4700	3930	4210	4490	3820	4100	4380
E - Digging Depth at Flat Bottom	mm	5290	5595	5895	5170	5495	5815	5080	5405	5725
F - Max Reach	mm	9125	9410	9700	8720	9000	9280	8690	8965	9245
G - Max Reach at Ground	mm	8935	9230	9520	8520	8805	9095	8490	8770	9060
H - Minimum Swing Radius	mm	2860	2945	3030	2815	2840	2865	2705	2725	2750
Max Digging Depth with Offset	mm	-	-	-	-	-	-	1880	2180	2480
Max Reach at Ground with Offset	mm	-	-	-	-	-	-	7210	7435	7660



BREAKOUT FORCE (SAE)*

Arm	mm	2300	2600	2900
Bucket	kN	106.4	106.4	106.4
Dipperstick	kN	70.7	65.4	60.7

* For all boom versions / with power boost



LIFTING CAPACITY

TRIPLE ARTICULATION

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m			4.6*	4.2	4.0	2.6			2.4*	2.1	6.8
+4.5 m			5.5*	4.1	4.0	2.7	2.8*	1.7	2.3*	1.7	7.6
+3.0 m	9.3*	7.0	6.0	4.0	4.0	2.7	2.7	1.7	2.4*	1.5	8.0
+1.5 m	10.2*	6.8	5.9	3.9	4.0	2.6	2.7	1.7	2.3	1.4	8.1
0.0 m	11.3	6.7	5.9	3.8	3.8	2.5	2.6	1.6	2.4	1.5	7.9
-1.5 m	11.4	6.4	5.9	3.6	3.7	2.3			2.7	1.6	7.3
-3.0 m	11.4	6.4	5.6	3.4	3.6	2.2					

REAR BLADE DOWN

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
+6.0 m			4.6*	4.6*	4.3*	3.0			2.4*	2.3	6.8
+4.5 m			5.5*	4.6	4.7*	3.1*	2.8*	2.0	2.3*	1.9	7.6
+3.0 m	9.3*	8.1*	6.9*	4.5	5.3*	3.0	4.3*	2.0	2.4*	1.7	8.0
+1.5 m	10.2*	7.9	8.2*	4.4	6.0*	3.0	4.4	1.9	2.5*	1.7	8.1
0.0 m	12.1*	7.9	8.8*	4.4	6.1	2.8	4.3	1.9	2.8*	1.7	7.9
-1.5 m	14.4*	7.6	8.9*	4.2	6.2	2.6			3.3*	1.9	7.3
-3.0 m	15.2*	7.6	9.1*	3.9	5.5*	2.6					

FRONT BLADE & REAR STAB. DOWN

+6.0 m			4.6*	4.6*	4.3*	4.3*			2.4*	2.4*	6.8
+4.5 m			5.5*	5.5*	4.7*	4.4*	2.8*	2.8*	2.3*	2.3*	7.6
+3.0 m	9.3*	9.3*	6.9*	6.6	5.3*	4.3	4.3*	3.0	2.4*	2.4*	8.0
+1.5 m	10.2*	10.2*	8.2*	6.5	6.0*	4.3	4.8*	3.0	2.5*	2.5*	8.1
0.0 m	12.1*	12.1*	8.8*	6.5	6.3*	4.2	4.9*	2.9	2.8*	2.7	7.9
-1.5 m	14.4*	13.1	8.9*	6.6	6.4*	4.1			3.3*	3.0	7.3
-3.0 m	15.2*	13.4	9.1*	6.3	5.5*	4.0					

FRONT & REAR STAB. DOWN

+6.0 m			4.6*	4.6*	4.3*	4.3*			2.4*	2.4*	6.8
+4.5 m			5.5*	5.5*	4.7*	4.7*	2.8*	2.8*	2.3*	2.3*	7.6
+3.0 m	9.3*	9.3*	6.9*	6.9*	5.3*	5.2	4.3*	3.7	2.4*	2.4*	8.0
+1.5 m	10.2*	10.2*	8.2*	7.9	6.0*	5.2*	4.8*	3.7	2.5*	2.5*	8.1
0.0 m	12.1*	12.1*	8.8*	8.0*	6.3*	5.2	4.9*	3.6	2.8*	2.8*	7.9
-1.5 m	14.4*	14.4*	8.9*	8.2	6.4*	5.1			3.3*	3.3*	7.3
-3.0 m	15.2*	15.2*	9.1*	8.0	5.5*	5.0					

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					3.9*	2.7			2.1*	1.9	7.2
+4.5 m			4.7*	4.1	4.0	2.7	2.8	1.8	2.0*	1.6	7.9
+3.0 m	9.4*	7.1	6.0*	4.0	3.9	2.7	2.8	1.8	2.1*	1.4	8.3
+1.5 m	9.8*	6.8	5.9	3.9	4.0*	2.7	2.7	1.7	2.2*	1.4	8.4
0.0 m	11.1	6.8	5.8	3.8	3.9	2.5	2.6	1.6	2.3	1.4	8.2
-1.5 m	11.4	6.4	5.9	3.6	3.7	2.3	2.6	1.6	2.5	1.5	7.6
-3.0 m	11.4	6.4	5.6	3.4	3.6	2.2			3.0	1.8	6.7

REAR BLADE DOWN

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
+6.0 m					3.9*	3.1			2.1*	2.1*	7.2
+4.5 m			4.7*	4.7*	4.5*	3.0	3.3*	2.0	2.0*	1.8	7.9
+3.0 m	9.4*	8.2*	6.6*	4.5	5.1*	3.0*	4.2*	2.0	2.1*	1.6	8.3
+1.5 m	9.8*	7.8	8.0*	4.4	5.8*	3.0	4.4	2.0	2.2*	1.6	8.4
0.0 m	11.6*	7.8	8.7*	4.4	6.1	2.9	4.3	1.9	2.4*	1.6	8.2
-1.5 m	13.9*	7.6	8.8*	4.2	6.2*	2.6	4.0*	1.8	2.8*	1.8	7.6
-3.0 m	14.9*	7.5	9.2*	4.0	5.9*	2.5			3.7*	2.1	6.7

FRONT BLADE & REAR STAB. DOWN

+6.0 m					3.9*	3.9*			2.1*	2.1*	7.2
+4.5 m			4.7*	4.7*	4.5*	4.4	3.3*	3.0	2.0*	2.0*	7.9
+3.0 m	9.4*	9.4*	6.6*	6.6*	5.1*	4.4*	4.2*	3.0	2.1*	2.1*	8.3
+1.5 m	9.8*	9.8*	8.0*	6.5*	5.8*	4.3	4.6*	3.0	2.2*	2.2*	8.4
0.0 m	11.6*	11.6*	8.7*	6.5	6.2*	4.3*	4.8*	2.9	2.4*	2.4*	8.2
-1.5 m	13.9*	13.0	8.8*	6.5	6.3*	4.1	4.0*	2.8	2.8*	2.8	7.6
-3.0 m	14.9*	13.3	9.2*	6.3	5.9*	4.0			3.7*	3.3	6.7

FRONT & REAR STAB. DOWN

+6.0 m					3.9*	3.9*			2.1*	2.1*	7.2
+4.5 m			4.7*	4.7*	4.5*	4.5*	3.3*	3.3*	2.0*	2.0*	7.9
+3.0 m	9.4*	9.4*	6.6*	6.6*	5.1*	5.1*	4.2*	3.7	2.1*	2.1*	8.3
+1.5 m	9.8*	9.8*	8.0*	7.9	5.8*	5.2	4.6*	3.7	2.2*	2.2*	8.4
0.0 m	11.6*	11.6*	8.7*	7.9	6.2*	5.2	4.8*	3.6	2.4*	2.4*	8.2
-1.5 m	13.9*	13.9*	8.8*	8.1	6.3*	5.1	4.0*	3.5	2.8*	2.8*	7.6
-3.0 m	14.9*	14.9*	9.2*	8.1	5.9*	5.0			3.7*	3.7*	6.7

2900 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					3.6*	2.7			1.8*	1.7	7.5
+4.5 m			3.9*	3.9*	4.0	2.7	2.8	1.8	1.8*	1.5	8.2
+3.0 m	8.9*	7.1	6.0	4.0	3.9	2.7	2.8	1.8	1.8*	1.3	8.6
+1.5 m	9.9*	6.8	5.8	3.8	3.9*	2.6	2.7	1.7	1.9*	1.3	8.7
0.0 m	11.1	6.7	5.8	3.8	3.9	2.5	2.6	1.6	2.1*	1.3	8.5
-1.5 m	11.3	6.4	5.8	3.6	3.7	2.3	2.5	1.5	2.3	1.4	8.0
-3.0 m	11.3	6.3	5.7	3.5	3.6	2.2			2.7	1.7	7.1

REAR BLADE DOWN

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
+6.0 m					3.6*	3.1			1.8*	1.8*	7.5
+4.5 m			3.9*	3.9*	4.1*	3.0	3.4*	2.1	1.8*	1.7	8.2
+3.0 m	8.9*	8.2	6.2*	4.5	4.9*	3.0*	4.1*	2.0	1.8*	1.5	8.6
+1.5 m	9.9*	7.8	7.7*	4.3	5.6*	3.0	4.4*	2.0	1.9*	1.5	8.7
0.0 m	11.2*	7.8	8.5*	4.3	6.0*	2.9	4.3	1.9	2.1*	1.5	8.5
-1.5 m	13.5*	7.6	8.7*	4.2	6.1*	2.7	4.2	1.8	2.4*	1.6	8.0
-3.0 m	14.7*	7.4	9.0*	4.0	6.1	2.5			3.1*	1.9	7.1

FRONT BLADE & REAR STAB. DOWN

+6.0 m					3.6*	3.6*			1.8*	1.8*	7.5
+4.5 m			3.9*	3.9*	4.1*	4.1*	3.4*	3.1	1.8*	1.8*	8.2
+3.0 m	8.9*	8.9*	6.2*	6.2*	4.9*	4.3	4.1*	3.1	1.8*	1.8*	8.6
+1.5 m	9.9*	9.9*	7.7*	6.4	5.6*	4.2	4.5*	3.0	1.9*	1.9*	8.7
0.0 m	11.2*	11.2*	8.5*	6.5*	6.1*	4.3*	4.8*	2.9	2.1*	2.1*	8.5
-1.5 m	13.5*	12.9*	8.7*	6.5	6.2*	4.1	4.7*	2.8	2.4*	2.4*	8.0
-3.0 m	14.7*	13.2	9.0*	6.4	6.2*	4.0			3.1*	3.0	7.1

FRONT & REAR STAB. DOWN

+6.0 m					3.6*	3.6*			1.8*	1.8*	7.5
+4.5 m			3.9*	3.9*	4.1*	4.1*	3.4*	3.4*	1.8*	1.8*	8.2
+3.0 m	8.9*	8.9*	6.2*	6.2*	4.9*	4.9*	4.1*	3.7	1.8*	1.8*	8.6
+1.5 m	9.9*	9.9*	7.7*	7.7*	5.6*	5.1	4.5*	3.7	1.9*	1.9*	8.7
0.0 m	11.2*	11.2*	8.5*	7.9*	6.1*	5.1	4.8*	3.6	2.1*	2.1*	8.5
-1.5 m	13.5*	13.5*	8.7*	8.0	6.2*	5.1	4.7*	3.5	2.4*	2.4*	8.0
-3.0 m	14.7*	14.7*	9.0*	8.2*	6.2*	5.0			3.1*	3.1*	7.1

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

WE170 COMPACT

LIFTING CAPACITY

MONOBOOM

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					3.3*	2.6			2.4*	2.4*	6.3
+4.5 m			5.1*	4.1	4.0	2.6			2.3*	1.9	7.1
+3.0 m	10.4*	6.8	6.0	3.8	3.9	2.5	2.7*	1.7	2.4*	1.7	7.6
+1.5 m			5.7	3.5	3.7	2.4	2.7	1.7	2.6*	1.6	7.7
0.0 m	5.5*	5.5*	5.4	3.3	3.6	2.2			2.7	1.7	7.4
-1.5 m	8.9*	5.7	5.3	3.2	3.6	2.2			3.0	1.9	6.9
-3.0 m	10.7	5.9	5.4	3.3					3.8	2.3	5.8

REAR BLADE DOWN

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
+6.0 m					3.3*	3.0			2.4*	2.4*	6.3
+4.5 m			5.1*	4.7	4.7*	3.0			2.3*	2.2	7.1
+3.0 m	10.4*	8.0	6.6*	4.4	5.3*	2.8	2.7*	2.0	2.4*	2.0	7.6
+1.5 m			8.1*	4.0	6.0*	2.7	3.5*	1.9	2.6*	1.9	7.7
0.0 m	5.5*	5.5*	8.9*	3.8	6.1	2.6			3.0*	1.9	7.4
-1.5 m	8.9*	6.8	8.8*	3.7	6.1	2.5			3.8*	2.1	6.9
-3.0 m	11.2*	7.0	7.6*	3.8					5.4*	2.7	5.8

FRONT BLADE & REAR STAB. DOWN

+6.0 m					3.3*	3.3*			2.4*	2.4*	6.3
+4.5 m			5.1*	5.1*	4.7*	4.4			2.3*	2.3*	7.1
+3.0 m	10.4*	10.4*	6.6*	6.6*	5.3*	4.3	2.7*	2.7*	2.4*	2.4*	7.6
+1.5 m			8.1*	6.3	6.0*	4.1	3.5*	2.9	2.6*	2.6*	7.7
0.0 m	5.5*	5.5*	8.9*	6.1	6.4*	4.0			3.0*	2.9	7.4
-1.5 m	8.9*	8.9*	8.8*	6.0	6.3*	3.9			3.8*	3.3	6.9
-3.0 m	11.2*	11.2*	7.6*	6.1					5.4*	4.2	5.8

FRONT & REAR STAB. DOWN

+6.0 m					3.3*	3.3*			2.4*	2.4*	6.3
+4.5 m			5.1*	5.1*	4.7*	4.7*			2.3*	2.3*	7.1
+3.0 m	10.4*	10.4*	6.6*	6.6*	5.3*	5.3*	2.7*	2.7*	2.4*	2.4*	7.6
+1.5 m			8.1*	8.1	6.0*	5.1	3.5*	3.5*	2.6*	2.6*	7.7
0.0 m	5.5*	5.5*	8.9*	7.8	6.4*	5.0			3.0*	3.0*	7.4
-1.5 m	8.9*	8.9*	8.8*	7.7	6.3*	4.9			3.8*	3.8*	6.9
-3.0 m	11.2*	11.2*	7.6*	7.6*					5.4*	5.3	5.8

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					3.4*	2.7			2.0*	2.0*	6.6
+4.5 m					4.0	2.6			2.0*	1.8	7.4
+3.0 m	9.3*	7.0	6.1	3.9	3.9	2.5	2.7	1.7	2.1*	1.6	7.8
+1.5 m	5.3*	5.3*	5.7	3.5	3.7	2.3	2.7	1.7	2.2*	1.5	7.9
0.0 m	5.6*	5.6	5.4	3.3	3.6	2.2	2.6	1.6	2.5	1.6	7.7
-1.5 m	8.4*	5.6	5.3	3.2	3.5	2.2			2.8	1.7	7.2
-3.0 m	10.5	5.8	5.3	3.2	3.6	2.2			3.4	2.1	6.2

REAR BLADE DOWN

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
+6.0 m					3.4*	3.0			2.0*	2.0*	6.6
+4.5 m					4.4*	3.0			2.0*	2.0*	7.4
+3.0 m	9.3*	8.2	6.2*	4.4	5.0*	2.9	3.3*	2.0	2.1*	1.8	7.8
+1.5 m	5.3*	5.3*	7.8*	4.0	5.8*	2.7	4.1*	1.9	2.2*	1.8	7.9
0.0 m	5.6*	5.6*	8.8*	3.8	6.1	2.6	3.9*	1.9	2.5*	1.8	7.7
-1.5 m	8.4*	6.7	8.8*	3.7	6.0	2.5			3.2*	2.0	7.2
-3.0 m	11.8*	6.8	7.9*	3.7	5.5*	2.5			4.6*	2.4	6.2

FRONT BLADE & REAR STAB. DOWN

+6.0 m					3.4*	3.4*			2.0*	2.0*	6.6
+4.5 m					4.4*	4.4*			2.0*	2.0*	7.4
+3.0 m	9.3*	9.3*	6.2*	6.2*	5.0*	4.3	3.3*	3.0	2.1*	2.1*	7.8
+1.5 m	5.3*	5.3*	7.8*	6.4	5.8*	4.1	4.1*	2.9	2.2*	2.2*	7.9
0.0 m	5.6*	5.6*	8.8*	6.1	6.3*	4.0	3.9*	2.9	2.5*	2.5*	7.7
-1.5 m	8.4*	8.4*	8.8*	6.0	6.3*	3.9			3.2*	3.1	7.2
-3.0 m	11.8*	11.8*	7.9*	6.0	5.5*	3.9			4.6*	3.8	6.2

FRONT & REAR STAB. DOWN

+6.0 m					3.4*	3.4*			2.0*	2.0*	6.6
+4.5 m					4.4*	4.4*			2.0*	2.0*	7.4
+3.0 m	9.3*	9.3*	6.2*	6.2*	5.0*	5.0*	3.3*	3.3*	2.1*	2.1*	7.8
+1.5 m	5.3*	5.3*	7.8*	7.8*	5.8*	5.1	4.1*	3.6	2.2*	2.2*	7.9
0.0 m	5.6*	5.6*	8.8*	7.8	6.3*	5.0	3.9*	3.6	2.5*	2.5*	7.7
-1.5 m	8.4*	8.4*	8.8*	7.7	6.3*	4.9			3.2*	3.2*	7.2
-3.0 m	11.8*	11.8*	7.9*	7.7	5.5*	5.0			4.6*	4.6*	6.2

2900 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					3.3*	2.7			1.8*	1.8*	7.0
+4.5 m					4.0*	2.7	2.4*	1.8	1.7*	1.7	7.7
+3.0 m	8.2*	7.2	5.7*	3.9	3.9	2.5	2.7	1.7	1.8*	1.5	8.1
+1.5 m	6.8*	6.1	5.7	3.5	3.7	2.3	2.7	1.7	1.9*	1.4	8.2
0.0 m	5.8*	5.6	5.4	3.2	3.6	2.2	2.6	1.6	2.2*	1.5	8.0
-1.5 m	7.9*	5.6	5.3	3.1	3.5	2.1			2.6	1.6	7.5
-3.0 m	10.4	5.7	5.3	3.1	3.5	2.1			3.1	1.9	6.6

REAR BLADE DOWN

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
+6.0 m					3.3*	3.1			1.8*	1.8*	7.0
+4.5 m					4.0*	3.0	2.4*	2.0	1.7*	1.7*	7.7
+3.0 m	8.2*	8.2*	5.7*	4.5	4.8*	2.9	3.5*	2.0	1.8*	1.7	8.1
+1.5 m	6.8*	6.8*	7.5*	4.1	5.6*	2.7	4.3*	1.9	1.9*	1.7	8.2
0.0 m	5.8*	5.8*	8.6*	3.8	6.1	2.5	4.3	1.9	2.2*	1.7	8.0
-1.5 m	7.9*	6.6	8.8*	3.7	6.0	2.5			2.7*	1.8	7.5 c
-3.0 m	11.7*	6.7	8.1*	3.7	5.7*	2.5			3.8*	2.2	6.6

FRONT BLADE & REAR STAB. DOWN

+6.0 m					3.3*	3.3*			1.8*	1.8*	7.0
+4.5 m					4.0*	4.0*	2.4*	2.4*	1.7*	1.7*	7.7
+3.0 m	8.2*	8.2*	5.7*	5.7*	4.8*	4.3	3.5*	3.0	1.8*	1.8*	8.1
+1.5 m	6.8*	6.8*	7.5*	6.4	5.6*	4.1	4.3*	2.9	1.9*	1.9*	8.2
0.0 m	5.8*	5.8*	8.6*	6.1	6.2*	4.0	4.5*	2.9	2.2*	2.2*	8.0
-1.5 m	7.9*	7.9*	8.8*	5.9	6.3*	3.9			2.7*	2.7*	7.5
-3.0 m	11.7*	11.7*	8.1*	6.0	5.7*	3.9			3.8*	3.5	6.6

FRONT & REAR STAB. DOWN

+6.0 m					3.3*	3.3*			1.8*	1.8*	7.0
+4.5 m					4.0*	4.0*	2.4*	2.4*	1.7*	1.7*	7.7
+3.0 m	8.2*	8.2*	5.7*	5.7*	4.8*	4.8*	3.5*	3.5*	1.8*	1.8*	8.1
+1.5 m	6.8*	6.8*	7.5*	7.5*	5.6*	5.1	4.3*	3.6	1.9*	1.9*	8.2
0.0 m	5.8*	5.8*	8.6*	7.8	6.2*	5.0	4.5*	3.6	2.2*	2.2*	8.0
-1.5 m	7.9*	7.9*	8.8*	7.7	6.3*	4.9			2.7*	2.7*	7.5
-3.0 m	11.7*	11.7*	8.1*	7.7	5.7*	4.9			3.8*	3.8*	6.6

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

LIFTING CAPACITY

OFFSET MONOBOOM

VALUES ARE EXPRESSED IN TONNES

WITHOUT BUCKET

2300 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					2.1*	2.1*			1.9*	1.9*	6.1
+4.5 m			5.0*	4.1	3.9	2.5			1.8*	1.8*	7.0
+3.0 m	9.9*	6.6	5.9	3.6	3.7	2.3			1.9*	1.6	7.4
+1.5 m	6.7*	5.2	5.4	3.2	3.5	2.1			2.2*	1.5	7.5
0.0 m	7.4*	4.9	5.0	2.8	3.3	2.0			2.6	1.5	7.3
-1.5 m	9.6	4.9	4.9	2.8	3.3	1.9			2.8	1.6	6.7
-3.0 m	9.9	5.1	5.0	2.8					3.7	2.1	5.6

REAR BLADE DOWN

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
+6.0 m					2.1*	2.1*			1.9*	1.9*	6.1
+4.5 m			5.0*	4.6	4.2*	2.9			1.8*	1.8*	7.0
+3.0 m	9.9*	7.7	6.3*	4.2	5.1*	2.7			1.9*	1.9	7.4
+1.5 m	6.7*	6.3	7.7*	3.7	5.6*	2.5			2.2*	1.8	7.5
0.0 m	7.4*	6.0	8.4*	3.4	5.9	2.3			2.6*	1.8	7.3
-1.5 m	10.2*	6.0	8.2*	3.3	5.8	2.2			3.5*	1.9	6.7
-3.0 m	10.2*	6.2	7.0*	3.3					5.3*	2.5	5.6

FRONT BLADE & REAR STAB. DOWN

+6.0 m					2.1*	2.1*			1.9*	1.9*	6.1
+4.5 m			5.0*	5.0*	4.2*	4.2*			1.8*	1.8*	7.0
+3.0 m	9.9*	9.9*	6.3*	6.3*	5.1*	4.6			1.9*	1.9*	7.4
+1.5 m	6.7*	6.7*	7.7*	6.7	5.6*	4.3			2.2*	2.2*	7.5
0.0 m	7.4*	7.4*	8.4*	6.3	6.0*	4.1			2.6*	2.6*	7.3
-1.5 m	10.2*	10.2*	8.2*	6.2	5.9*	4.1			3.5*	3.5	6.7
-3.0 m	10.2*	10.2*	7.0*	6.3					5.3*	4.6	5.6

2600 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					2.6*	2.6*			1.6*	1.6*	6.4
+4.5 m					4.0*	2.5			1.6*	1.6*	7.3
+3.0 m	8.9*	6.8	6.0*	3.7	3.8	2.4	2.3*	1.6	1.7*	1.5	7.7
+1.5 m	8.1*	5.4	5.4	3.2	3.5	2.1	2.5	1.5	1.8*	1.4	7.8
0.0 m	7.4*	4.9	5.0	2.8	3.3	1.9	2.4	1.4	2.2*	1.4	7.6
-1.5 m	9.5	4.9	4.9	2.7	3.2	1.8			2.6	1.5	7.0
-3.0 m	9.7	5.0	4.9	2.7					3.3	1.9	6.0

REAR BLADE DOWN

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
+6.0 m					2.6*	2.6*			1.6*	1.6*	6.4
+4.5 m					4.0*	2.9			1.6*	1.6*	7.3
+3.0 m	8.9*	8.0	6.0*	4.3	4.8*	2.7	2.3*	1.9	1.7*	1.7*	7.7
+1.5 m	8.1*	6.5	7.4*	3.7	5.5*	2.5	3.0*	1.7	1.8*	1.6	7.8
0.0 m	7.4*	6.0	8.2*	3.4	5.9	2.3	2.5*	1.7	2.2*	1.6	7.6
-1.5 m	9.6*	5.9	8.2*	3.2	5.8	2.2			2.9*	1.8	7.0
-3.0 m	10.8*	6.1	7.3*	3.3					4.7*	2.2	6.0

FRONT BLADE & REAR STAB. DOWN

+6.0 m					2.6*	2.6*			1.6*	1.6*	6.4
+4.5 m					4.0*	4.0*			1.6*	1.6*	7.3
+3.0 m	8.9*	8.9*	6.0*	6.0*	4.8*	4.6	2.3*	2.3*	1.7*	1.7*	7.7
+1.5 m	8.1*	8.1*	7.4*	6.8	5.5*	4.3	3.0*	3.0*	1.8*	1.8*	7.8
0.0 m	7.4*	7.4*	8.2*	6.3	5.9*	4.1	2.5*	2.5*	2.2*	2.2*	7.6
-1.5 m	9.6*	9.6*	8.2*	6.2	5.9*	4.0			2.9*	2.9*	7.0
-3.0 m	10.8*	10.8*	7.3*	6.2					4.7*	4.1	6.0

2900 DIPPERSTICK

REAR BLADE UP

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
+6.0 m					2.7*	2.7			1.4*	1.4*	6.8
+4.5 m					3.7*	2.6	1.6*	1.6*	1.4*	1.4*	7.6
+3.0 m	7.9*	7.1	5.6*	3.8	3.8	2.4	2.6	1.6	1.4*	1.4*	8.0
+1.5 m	10.1*	5.6	5.5	3.2	3.5	2.1	2.5	1.5	1.6*	1.3	8.1
0.0 m	7.5*	4.9	5.0	2.9	3.3	1.9	2.4	1.4	1.8*	1.3	7.9
-1.5 m	9.2*	4.8	4.8	2.7	3.2	1.8			2.4*	1.4	7.3
-3.0 m	9.6	4.9	4.8	2.7	3.2	1.8			3.0	1.7	6.4

REAR BLADE DOWN

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
+6.0 m					2.7*	2.7*			1.4*	1.4*	6.8
+4.5 m					3.7*	3.0	1.6*	1.6*	1.4*	1.4*	7.6
+3.0 m	7.9*	7.9*	5.6*	4.3	4.6*	2.7	2.7*	1.9	1.4*	1.4*	8.0
+1.5 m	10.1*	6.7	7.1*	3.8	5.3*	2.5	3.4*	1.7	1.6*	1.6*	8.1
0.0 m	7.5*	6.0	8.1*	3.4	5.8*	2.3	3.4*	1.6	1.8*	1.5	7.9
-1.5 m	9.2*	5.8	8.2*	3.2	5.7	2.2			2.4*	1.7	7.3
-3.0 m	11.3*	6.0	7.5*	3.2	5.3*	2.2			3.6*	2.0	6.4

FRONT BLADE & REAR STAB. DOWN

+6.0 m					2.7*	2.7*			1.4*	1.4*	6.8
+4.5 m					3.7*	3.7*	1.6*	1.6*	1.4*	1.4*	7.6
+3.0 m	7.9*	7.9*	5.6*	5.6*	4.6*	4.6*	2.7*	2.7*	1.4*	1.4*	8.0
+1.5 m	10.1*	10.1*	7.1*	6.8	5.3*	4.4	3.4*	3.1	1.6*	1.6*	8.1
0.0 m	7.5*	7.5*	8.1*	6.3	5.8*	4.1	3.4*	3.0	1.8*	1.8*	7.9
-1.5 m	9.2*	9.2*	8.2*	6.1	5.9*	4.0			2.4*	2.4*	7.3
-3.0 m	11.3*	11.3*	7.5*	6.1	5.3*	4.0			3.6*	3.6*	6.4

Lift capacity ratings are based on ISO 10567. The indicated load is no more than 87% of hydraulic system capacity or 75% of static tipping load. Values marked with an asterisk are limited by the hydraulic system.

WE150 WE170

To exploit the polyvalence of WE models, NewHolland and CNH Original Parts offer a really wide selection of working tools to support you in any particular application providing always the best matching with the machine performances.

BUCKETS

Tested and approved, the selection of buckets assures high efficiency and productivity being the perfect completion of your WE excavator. Heavy duty version and skeleton types are also available for extreme excavation applications.

WE150 Compact

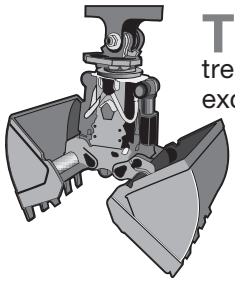
Width (mm)	Capacity (ISO 7451) (litres)	Weight (Kg)	TRIPLE ARTICULATION 2000	2300	2600	2000	2300	2600	2000	2300	2600	MONOBOOM 2000	2300	2600	2000	2300	2600	2000	2300	2600	OFFSET MONOBOOM 2000	2300	2600	2000	2300	2600	2000	2300	2600
General Purpose																												
500	280	315																										
750	425	415																										
850	500	430																										
900	535	450																										
1000	610	480																										
1100	685	510																										
1200	760	540																										
Ditch Cleaning																												
1600	465	360																										
1800	525	430																										
2000	590	480																										
Tilt Ditch Cleaning																												
1600	465	560																										
1800	525	605																										
2000	590	650																										
V-Type																												
400/1900	450	330																										
400/2400	500	540																										

WE170 Compact

Width (mm)	Capacity (ISO 7451) (litres)	Weight (Kg)	TRIPLE ARTICULATION 2300	2600	2900	2300	2600	2900	2300	2600	2900	MONOBOOM 2300	2600	2900	2300	2600	2900	2300	2600	2900	OFFSET MONOBOOM 2300	2600	2900	2300	2600	2900	2300	2600	2900
General Purpose																												
500	250	375																										
780	455	470																										
880	540	510																										
1030	670	560																										
1230	840	610																										
1330	930	664																										
Ditch Cleaning																												
1800	650	480																										
2000	730	520																										
2200	810	575																										
Tilt Ditch Cleaning																												
1800	650	950																										
2000	730	1000																										
2200	810	1050																										
V-Type																												
500/2300	680	500																										
500/2900	750	650																										

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)
Not recommended

CLAMSHELL BUCKET WITH EXCHANGEABLE SHELLS



The C18VE clamshell bucket is ideal for different applications: excavation operations, landscaping, trench digging, handling of logs, thanks to the excellent closing forces up to 42 kN and the quick exchangeable shells technology, by which bucket carrier and bearings are integrated into the main body.

The continuous rotator with standard overload protection, with 1500Nm of torque, and the vertical cylinders maximize the reliability, while the long life of cutting edges is ensured by the use of 500 HB steel.

WE150 Compact

Width (mm)	Capacity (ISO 7451) (litres)	Weight (Kg)	TRIPLE ARTICULATION									MONOBOOM									OFFSET MONOBOOM								
			2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600	2000	2300	2600
335	125	590																										
400	160	605																										
500	200	630																										
600	245	655																										
800	330	705																										
1000	415	755																										

WE170 Compact

Width (mm)	Capacity (ISO 7451) (litres)	Weight (Kg)	TRIPLE ARTICULATION									MONOBOOM									OFFSET MONOBOOM								
			2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900
335	125	590																										
400	160	605																										
500	200	630																										
600	245	655																										
800	330	705																										
1000	415	755																										

ORANGE PEEL GRABS

The P20V orange peel grab is ideal for handling of bulky scrap in every application thanks to the choice of tine profiles: fully closing F, half closing H, wide style pointedW, pointed T.

Reliability is maximized thanks to: the continuous rotator with standard overload protection, the hydraulic cylinders with replaceable piston rod protection and cushioned end stroke system, the hydraulic hoses protected in the centre section.
The long life of tines is ensured by the high quality steel (400HB) and tips (500HB), which are replaceable.

Main features are:

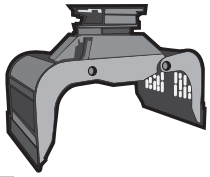
closed width	opened width	capacity	torque
1370 mm	1910 mm	450 litres	1500 Nm

Weight (kg)	Tyne profile			
Type	F	H	W	T
P20V-450-4	1060	920	830	810
P20V-450-5	1145	1035	970	930

HAMMER

The New Holland Hammers are highly performing and reliable.
Silencing reduces noise and vibration and increases durability of the hammer and comfort for the operator.

Type	Tool Diameter	Weight	Sound Level
CB150S	95 mm	820 kg	126 dBA



DEMOLITION AND SORTING GRAB

The D20H Demolition and Sorting grab and the Multi Purpose Grab -available also in the heavy duty (HD) version with reinforced box frame- and the Multi Purpose Grab A15H are available to maximize the versatility of WE models.

Type	Width (mm)	Capacity (litres)	Weight (Kg)
D15H	800	300	590
D15H-HD	750	340	800
A15H	600	300	690

STANDARD EQUIPMENT

ENGINE
- New Holland Stage IIIA engine, in compliance with EU directive
- Latest generation low-consumption and low-exhaust
- Auto-idling system
- Cold starting equipment (-25°C)

ELECTRIC / ELECTRONIC CONTROL SYSTEM
- 24V electrical system, with 12V socket in cab
- Automatic battery main switch (coupled to ignition key)
- LCD monitor with integrated diagnosis function
- Electronic immobiliser

UNDERCARRIAGE AND TRANSMISSION
- Robust, modular chassis in box section design
- 4 speed transmission (creep1, creep2, fiield, travel)
- 20 km/h travel speed
- PowerShift gear box with automatic gear shifting
- Automatic drive mode
- Automatic axle lock system
- Play free multi disc service brakes for joilt-free work
- Mechanical lock/unlock brake pedal
- Hydrostatic travel braking
- Forward/reserve / neutral shifting on right joystick
- Centralised control of blade and stabilisers on right joystick
- Spacious toolbox (right hand side)

DIGGING EQUIPMENT
- Monoboom, 2-piece boom, Monoboom Offset
- Safety valves on boom cylinders
- Centralised boom lubrication
- Swing bearing with long-life lubrification
- Swing brake adjustable in 3 modes
- Cylinders with end stroke damping system

CAB AND INTERIOR
- FOPS and ROPS cab, in compliance with Machine Directive
- Cab mounted on viscous mounts and noise-insulated, with transparent roof, rain protection, sunblind and parallelogram type windshield wiper
- Tinted safety glass all around, insertable windscreen
- Ergonomic design of arm rest and foot pedals
- Consoles adjustable for height and length, tiltable left console
- Incline adjustable steering column
- Pneumatic cushioned and heated seat
- Radio installation (radio, tape, loudspeaker, aerial), ashtray
- Single key locking for all lockable compartments
- Front working lights on cab

HYDRAULIC SYSTEM
- Electronic Pump Control System mark IV with two hydraulic pumps for attachment and travel, and one dedicated to swing operation
- Power limit control for management of engine and pump
- Automatic powerboost system
- 7 selectable power levels
- Electrohydraulic servo control

OPTIONAL

ENGINE
- Electric refuel pump with automatic stop function

UNDERCARRIAGE
- Equipment types:
  - Rear dozer blade
  - Rear stabilisers
  - Front blade and rear stabilisers
  - Front and rear stabilisers (only for WE170 Compact)
- 30 km/h travel speed
- Additional toolbox (left hand side)
- Clamshell bucket support for transportation
- Guard for dozer blade cylinders
- Single or twin tyres

DIGGING EQUIPMENT
- Object handling kit - CE certified (overload acoustic warning, safety valves on arm cylinders , 5 ton load hook)
- Arms, L = 2000-2300-2600 mm for WE150 Compact
- Arms, L = 2300-2600-2900 mm for WE170 Compact
- Attachments (buckets, clamshell buckets, breaker etc.)
- Automatic lubrication system

CAB AND ITERIOR
- Air-conditioning
- Additional rear working lights
- Cooling box (food and beverage)
- Front Guard protection for cab (FOG in compliance with Machine Directive)

HYDRAULIC SYSTEM
- Auxiliary low flow system 22 l/min with on / off joystick control
- Auxiliary medium flow system 80 l/min with proportional joystick control
- Clamshell bucket piping
- Hammer and shear piping
- Hydraulic quick coupler provision
- Biodegradable hydraulic oil

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

AT YOUR OWN DEALERSHIP

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