EUROPEAN
PLANT SERVICES

E140CSR

	E140CSR
ENGINE POWER	74 kW - 99 hp
MAX OPERATING WEIGHT	16600 Kg
BUCKET CAPACITY	0.42 m^3 - 0.70 m^3

NEW HOLLAND CONSTRUCTION

BUILT AROUND YOU

AS LONG AS WE KEEP ON BUILDING, THERE W

ILL ALWAYS BE A DREAM TO ACHIEVE

HIGH EFFICIENCY: PRODUCTIVITY A

SHORT RADIUS DESIGN

The E140C SR has been designed to deliver a big performance in terms of stability and productivity together with the ability to work in tight spaces. It packs the performance and features of standard models in a compact package.

WIDE OFFERING

Different versions are available to provide the best solution according to customer needs : Mono boom, triple articulation, offset and logging versions. It can be equipped, on request, with 2490 mm, 2590 mm or 2690 mm wide blade according to the width of shoes mounted on the machine.

TOP PERFORMANCE IN ALL WORKING CONDITIONS

The Hydrotronic combines advanced electronic technology that provides full just-in-time control of all machine functions with a sophisticated high-efficiency hydraulic system. It continuously optimises hydraulic output according to the operator's demands for the job at hand.

ND FUEL ECONOMY

OPTIMIZE EFFICIENCY WITH WORKING MODES

The **Advanced Electronic Processor (A.E.P.)** has been upgraded with the addition of a new **ECO working mode**, which optimises fuel consumption while maintaining top performance.
H Heavy-duty working mode for maximum speed and productivity
S Standard mode for performance and fuel savings
E Eco mode for optimised fuel consumption
The **new multifunction monitor** enables the operator to control the machine's efficiency at all times: they can keep track of hourly consumption with the fuel economy meter, while the ECO Icon tells them when the machine is operating most efficiently.
With the introduction of the ECO mode **the new E140CSR has improved its digging productivity (m^3/l) by 19%**

FLEXIBILITY AND VERSATILITY

The new generation Advanced Electronic Processor (A.E.P.) provides highly responsive controls and delivers extra power when needed. The operator can easily monitor and select the main working parameters, maintenance notifications, self diagnosis and operating data storage. Attachment management is extremely versatile, as the operator can set flow and pressure with 18 attachment pre-settings.

FUEL EFFICIENT ENGINE

The fuel-efficient common-rail engine featuring cooled exhaust gas recirculation (CEGR) engine technology meets Tier 4 interim (EU Stage 3B) emissions standards while delivering top performance and fuel efficiency. The CEGR system is fully integrated into the machine's design, so that all-round visibility remains exceptionally good. The machine comes with two modes of regeneration: automatic and manual. In automatic mode, the machine starts regeneration without interrupting the work process and can regenerate during machine operation. The engine speed sensing control matches engine and hydraulic power to prevent engine speed from dropping and optimises fuel consumption.
The Auto Idling fully automatic switchable auto-deceleration system cuts fuel usage after 5 seconds of operator inactivity.

DESIGNED WITH THE ENVIRONMENT IN MIND

New Holland has a long history of designing products with emissions levels well below regulatory levels.
The E140CSR crawler excavators meet the strict Tier 4 interim emissions standards with Cooled Exhaust Gas Recirculation (CEGR) technology.

LEADER IN SUSTAINABILITY

New Holland's extensive offering of low emissions products, our continued focus on reducing our environmental footprint throughout our products' entire life cycle and our involvement in the community have contributed to our parent company, Fiat Industrial, being recognised as Industry Leader by the Dow Jones Sustainability Index (DJSI) World and DJSI Europe. These prestigious equity indexes only admit companies that are best-in-class in managing their businesses, from an economic as well as social and environmental perspective. Fiat Industrial received a score of 81/100 compared to an average of 49/100 for all companies in its sector, and was awarded first place..

ULTRA QUIET OPERATION

iNDr Integrated Reduction Cooling System

REVOLUTIONARY INDR COOLING SYSTEM

The E140C SR features our revolutionary Integrated Noise and Dust Reduction (iNDr) cooling system, which minimises noise, optimises cooling and maximises particulate filtration.
The integrated **Noise & Dust** reduction cooling system is a revolutionary solution that has solved the issues presented to all cooling systems: noise & dust. The secret is the AIR flow management.
The air goes through a filter first, ensuring that only clean air enters the engine. It then follows a duct passing holes and joints, which dramatically reduces noise, and then exits the engine through specially designed apertures.
This patented system is the result of many years of research and development.

CUSTOMER BENEFITS:

- **Ultra-low-noise operation: 95 dB(A)**
- **Easy maintenance: just clean the filter to keep the whole cooling system working perfectly**
- **No risk of clogging of the cooling system**

WELCOME ON BOARD

NEW EVO CAB

The ROPS/FOPS compliant EVO cab provides the ultimate comfortable and safe work environment with exceptional all-round visibility.

EVOLUTION IN COMFORT

The spacious EVO cab is designed to maximize the operator's comfort and performance. All switches and controls are ergonomically positioned on the right side, easy to find and to reach; opening and closing the front window is easy with the one-touch lock release; and the extra wide door provides easy access.

OUTSTANDING VISIBILITY

The EVO cab provides excellent all-round visibility, with a full size right window and standard rear-view camera.
The new standard skylight with sunshade provides a clear view to overhead obstacles.

EASY TO OPERATE

The new multifunctional monitor is easy to read with a full-color screen dedicated to the rear wide-angle camera. The operator can set service interval reminders for engine oil, hydraulic oil, fuel and filters. The auxiliary hydraulics can be adjusted from the control monitor to match pressure and flow to the attachment. Self-diagnostics with fault code memory make it easy to check and adjust system pressures, engine speed, travel speed, hydraulic pressure and other operating functions. Work and attachment modes are easy to select and are clearly displayed on the monitor.

ULTRA QUIET CAB
65 dB(A)


NEW HOLLAND
NEW HOLLAND

BUILT TO LAST

RELIABILITY AND DURABILITY

The E140C SR is built to last, with its reinforced boom and easy serviceability. All main service points, including iNDr components, are accessible at ground level.

MAINTENANCE

The E140C SR layout has been designed to make inspections, maintenance and servicing easy and less time consuming. The engine oil filter, the fuel filter and the water separator are remote mounted and easy to reach from ground level. Both the fuel filter and the water separator, which removes contaminants and water, have an important function for engine performance and durability.
Cooling components (radiator, hydraulic oil cooler and intercooler) are now mounted in parallel, which means increased cooling efficiency for higher component reliabilty whilst being easier to check and clean.
The air goes directly from the intake duct through the iNDr stainless-steel filters which capture dust. The intake air going through the cooling components is clean, reducing the risk of clogging and reducing the cleaning intervals of maintenance routine. If the start up inspection reveals dirty cooling components,, they are easy to remove for cleaning without tools and from ground level.

TELEMATICS INSIDE

HOW IT WORKS

1

GPS POSITIONING

Your machine receives its GPS positioning from the satellite.

2

INFORMATION GATHERING

Your machine collects its working condition, engine and Can-Bus information, and sends it to the New Holland Fleetforce Web Portal through the mobile networks.

FLEETFORCE

LOWER MAINTENANCE AND OPERATING COSTS

You can access the maintenance information of every unit in your fleet from your desk and receive alerts when a machine is due for service. The maintenance plans can be synchronised automatically with your dealer, so that they run smoothly and the good health of the entire fleet is maintained at all times.

HEALTH CHECK AND BREAKDOWN PREVENTION

New Holland's telematics system will provide you with detailed performance information, such as engine load, fuel consumption and Can-Bus based reports, so that you will be able to detect immediately if any of your units is not operating as it should. You and your dealer will also be able to monitor up to 12 key health parameters for each unit, such as engine, coolant and hydraulic oil temperatures, and other Can-Bus based data. This will enable you to detect any anomalies before they become a problem and prevent equipment failures.

EFFECTIVE FLEET MANAGEMENT

New Holland's telematics system puts you in direct contact with each machine in your fleet, collects the performance and maintenance information from the units and their location data from GPS satellites and transmits it all through the mobile networks to the New Holland Telematics Web Portal: you can manage your fleet efficiently without leaving your desk.

MAXIMISE YOUR FLEET'S PRODUCTIVITY

You can map the location of every unit and monitor when it is working, idle or travelling between jobsites. By identifying under- or over-used machines, you will be able to optimise the utilisation of the equipment through effective job assignment and preventing machines being left idling when not working.

SECURITY AND CONTROL

You can also geo-fence your machines so that an e-mail alert is sent if one is taken out of the jobsite. You can also prevent the unauthorised use of the units setting up a working curfew and motion detection service to alert you if a machine is moved out of hours. By improving your fleet's security, you will also benefit from lower insurance premiums.

3

INFORMATION STORAGE AND PROCESSING

The New Holland Fleetforce Web Portal stores all your machine's information throughout its life cycle and makes it accessible to you in a user-friendly format.

4

MANAGING YOUR FLEET

You can access your machine's reports on your computer, through the New Holland Fleetforce Web Portal, and manage your fleet without leaving your desk.

E140CSR

SPECIFICATIONS

ENGINE TIER 4 INTERIM

Make and model ..... MITSUBISHI D04EG-TAA
Engine Power (ISO 14396) ..... 74 kW (99 hp)
Maximum torque ..... 372 Nm (1600 rpm)
Type ..... Water-cooled, direct injection type diesel engine with intercooler turbo-charger electric common-rail
Displacement ..... 3.3 l
N. of cylinders 4
Bore x stroke ..... 94 x 120 mm
iNDr Integrated Noise&Dust Reduction Cooling System
Electronic engine rpm control, dial type
Auto-Idling selector returns engine to minimum rpm when all controls are in neutral position
The engine complies with 97/68/EC standards stage 3B (Tier4 interim)

ELECTRICAL SYSTEM

Voltage / Alternator ..... 24 V / 50 A
Starter motor ..... 2.4 kW
Maintenance-free batteries ..... 2 x 12 V / 160 Ah

TRANSMISSION

Type ..... hydrostatic, two-speed, Automatic DownShift
Travel motors ..... axial piston type, double displacement
Brakes ..... automatic discs type
Final drive ..... oil bath, planetary reduction
Gradeability ..... 70% (35°)
Travel speeds
LC version ..... low 0 - 3.4 km/h / high 0 - 5.6 km/h
Logging version ..... low 0 - 3 km/h / high 0 - 5.3 km/h
Drawbar pull
LC version ..... 138 kN
Logging version ..... 156 kN

UNDERCARRIAGE

X-frame undercarriage design
Reinforced track chain with sealed bushing

	LC	LOGGING
Track rollers (each side)	7	7
Carrier rollers (each side)	2	2
Length of track on ground (mm)	3040	2990
Gauge (mm)	1990	2040
Shoes (mm)	500-600 700	800-900

Shoe type ..... Tractor type triple grouser shoe
No. for each side 46
Height of grouser shoe ..... 25 mm

HYDRAULIC SYSTEM

High capacity double pumps with electronic delivery adjustment.
Variable displacement pistons pumps revert in neutral automatically to zero. Main Control Valve with Fail Safe Function and Anti drift valve.
H.A.O.A. (Hydrotronic Active Operation Aid)
E.S.S.C. (Engine Speed Sensing Control)
D.O.C. (Dipperstick Optimized Control)
Power Boost device
New generation A.E.P. (Advanced Electronic Processor)
3 working Modes
H Mode - Heavy duty excavation work
S Mode - Standard digging and loading work
E Mode - Fuel Economy
Attachments Modes
Breaker (One-way hydraulic flow)
Nibbler (Two-way hydraulic flow)
Attachments flow and pressure setting from cab, 20 presets storage
Hydraulic pump
Max flow at rated engine speed ..... 2 x 130 l/min
Piloting circuit gear type pump ..... max 20 l/min
Directional control valves
Type ..... 8-spool valve
System Pressures
Boom, Arm&Bucket ..... 34.3 MPa
with Power Boost ..... 37.8 MPa
Travel ..... 34.3 MPa
Swing ..... 28 MPa
Pilot control Circuit ..... 5 MPa

CAPACITIES

Engine oil ..... 11.5 l
Fuel tank ..... 200 l
Hydraulic system (incl. 85.2 l tank) ..... 125.7 l
Cooling system ..... 13 l

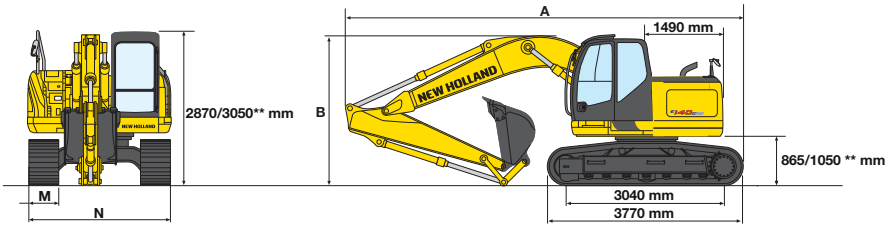
SWING

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

CAB AND CONTROLS

Operator's cab
Structure ..... Fully enclosed steel structure
EVO operator cab ..... evolution in comfort and safety compliant to ROPS (ISO 12117-2) and FOPS (ISO 10262 level II)standards
Rear camera ..... standard
Monitor ..... integrated multi-function control monitor with integrated rear view camera display
Operator's seat
Operator's seat ..... Adjustable and reclining device
Operation
Travel ..... Two hand levers or two foot pedals for forward and backward operations of each track independently
Excavating and swing ..... Two hand levers for four operations
Sound Level
External guaranteed sound level
(EU Directive 2000/14/EC) ..... LwA 95 dB(A)
Operator cab sound pressure level (ISO 6396) ..... LpA 65 dB(A)

DIMENSIONS - MONOBOOM
Boom lenght 4.70 m



** Logging

ARM		LC VERSION 2090	LC VERSION 2380	LC VERSION 2840	LOGGING VERSION 2090	LOGGING VERSION 2380
A - Overall length*	mm	7430	7500	7510	7490	7450
B - Boom height in transport position	mm	2760	2730	3120	2820	2830
Overall height	mm	2870	2870	3120	3050	3050

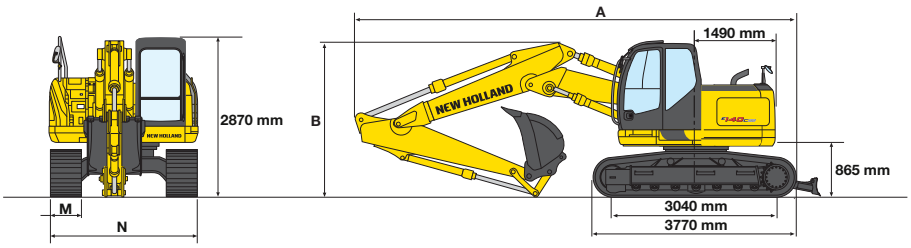
* without blade (optional)

OPERATING WEIGHT - MONOBOOM

		LC VERSION			LOGGING VERSION	
M - Shoe width	mm	500	600	700	800	900
N - Maximum width	mm	2490	2590	2690	2840	2940
Operating weight**	kg	14200	14400	14600	16400	16600
Ground pressure	bar	0.42	0.36	0.31	0.31	0.28
Blade width	mm	2490	2590	2690	-	-
Blade height	mm	580	580	580	-	-
Blade max lift	mm	510	510	510	-	-
Blade max dig	mm	590	590	590	-	-

** 2380 mm arm, without blade (optional) and additional counterweight (optional)

DIMENSIONS - TRIPLE ARTICULATION



LC VERSION

ARM		2090	2380
A - Overall length	mm	8020	7990
B - Boom height in transport position	mm	2830	2780
Overall height	mm	2870	2870

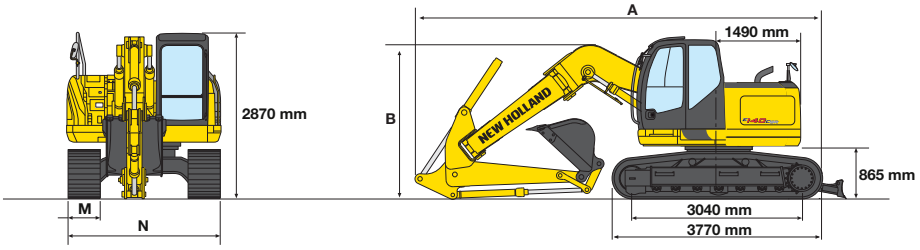
OPERATING WEIGHT - TRIPLE ARTICULATION

LC VERSION

M - Shoe width	mm	500	600	700
N - Maximum width	mm	2490	2590	2690
Operating weight**	kg	15000	15300	15500
Ground pressure	bar	0.45	0.38	0.33
Blade width	mm	2490	2590	2690
Blade height	mm	580	580	580
Blade max lift	mm	510	510	510
Blade max dig	mm	590	590	590

** 2380 mm arm, without blade (optional) and additional counterweight (optional)

DIMENSIONS - OFF SET BOOM



LC VERSION

ARM		2200	2500
A - Overall length	mm	7100	7130
Overall height	mm	2870	2870

OPERATING WEIGHT - OFF SET BOOM

LC VERSION

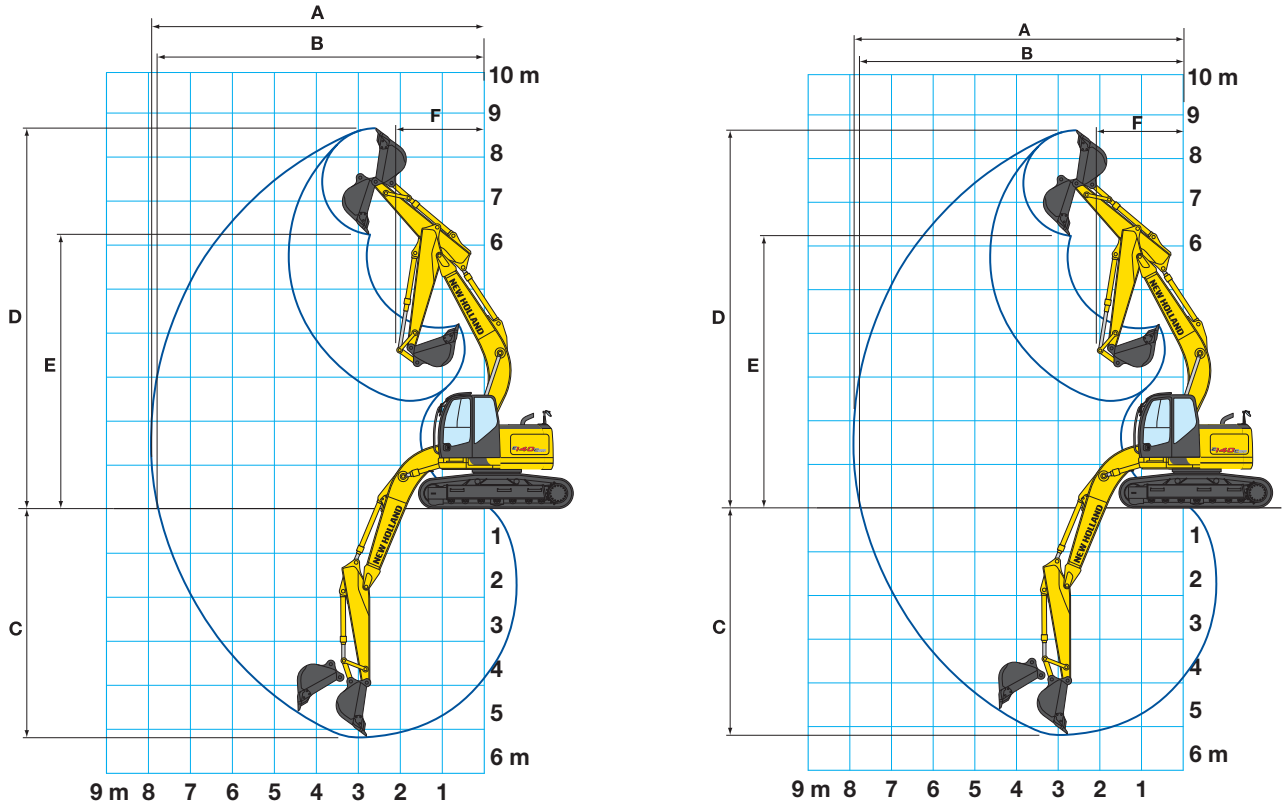
M - Shoe width	mm	500	600	700
N - Maximum width	mm	2490	2590	2690
Operating weight**	kg	14800	15000	15200
Ground pressure	bar	0.44	0.37	0.32
Blade width	mm	2490	2590	2690
Blade height	mm	580	580	580
Blade max lift	mm	510	510	510
Blade max dig	mm	590	590	590

** 2380 mm arm, without blade (optional) and additional counterweight (optional)

NOTE: Rear swing radius with additional (0.58 t) counterweight (optional) is 1600 mm

DIGGING PERFORMANCE

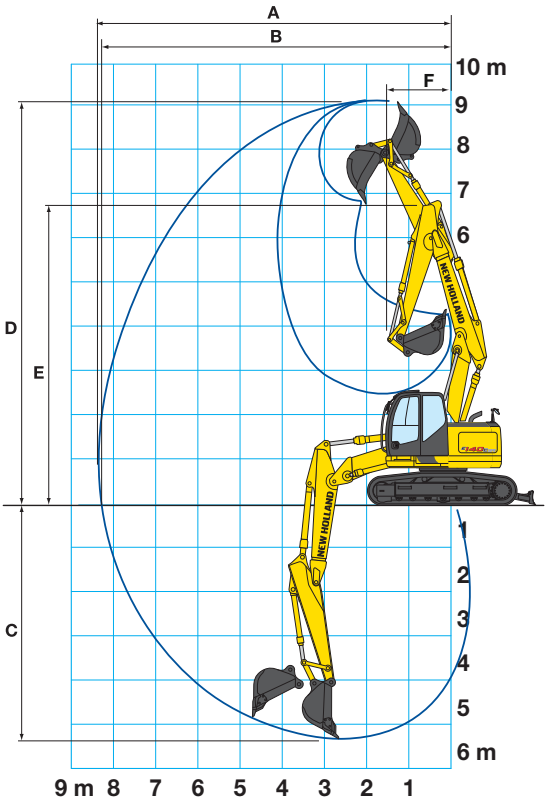
MONOBOOM LOGGING



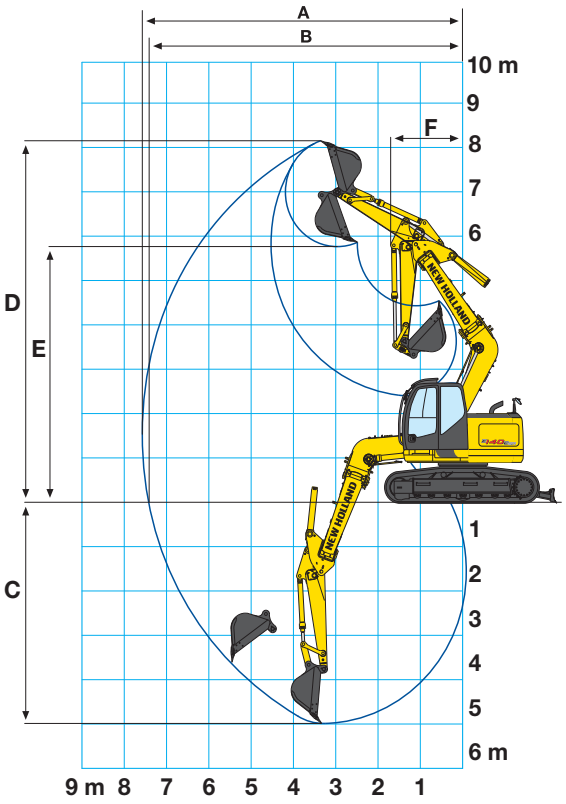
ARM		LC VERSION 2090	LC VERSION 2380	LC VERSION 2840	LOGGING VER. 2090	LOGGING VER. 2380
A - Max. digging reach	mm	8040	8340	8780	8040	8340
B - Max. digging reach at ground level	mm	7890	8190	8640	7850	8160
C - Max. digging depth	mm	5230	5520	5980	5040	5330
D - Max. digging height	mm	8910	9190	9550	9100	9370
E - Max. dumping clearance	mm	6470	6470	7110	6660	6930
F - Min. swing radius	mm	2070	2000	2400	2070	2000

DIGGING PERFORMANCE

TRIPLE ARTICULATION



OFF SET BOOM



ARM		TRIPLE ART. 2090	TRIPLE ART. 2380	OFF SET BOOM 2200	OFF SET BOOM 2500
A - Max. digging reach	mm	8510	8800	7570	7830
B - Max. digging reach at ground level	mm	8360	8660	7410	7680
C - Max. digging depth	mm	5410	5710	4990	5290
D - Max. digging height	mm	9280	9550	8150	8320
E - Max. dumping clearance	mm	6840	7100	5770	5930
F - Min. swing radius	mm	2140	2040	1700	1760

BREAKOUT FORCE

ARM		MONOBOOM 2090	MONOBOOM 2380	MONOBOOM 2840	LOGGING 2090	LOGGING 2380	TRIPLE ART. 2090	TRIPLE ART. 2380	OFF SET BOOM 2200	OFF SET BOOM 2500
Bucket	daN	9010	9010	9010	9010	9010	9010	9010	8750	8750
Dipperstick	daN	7190	6440	5840	6980	6440	7190	6400	6210	5740

E140CSR

LIFTING CAPACITY - MONOBOOM

DIPPERSTICK 2090 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+7.5 m			3.47*	3.47*							3.29*	3.29*	3.05
+6.0 m					3.74*	3.50					2.49*	2.49*	5.08
+4.5 m			4.79*	4.79*	3.94*	3.42	2.97*	2.11			2.30*	2.03	6.12
+3.0 m			7.04*	5.90	4.64*	3.19	3.29	2.05			2.30*	1.72	6.65
+1.5 m					4.95	2.94	3.18	1.94			2.45*	1.60	6.81
0 m			5.72*	5.07	4.78	2.79	3.10	1.87			2.69	1.63	6.62
-1.5 m	5.66*	5.66*	7.62*	5.11	4.74	2.75	3.10	1.87			3.06	1.85	6.05
-3.0 m			5.81*	5.26	4.04*	2.84					3.40*	2.49	4.97

DIPPERSTICK 2380 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+7.5 m											2.29*	2.29*	3.69
+6.0 m					3.50*	3.50*					1.79*	1.79*	5.48
+4.5 m			4.37*	4.37*	3.75*	3.49	3.24*	2.17			1.65*	1.65*	6.45
+3.0 m			6.57*	6.11	4.49*	3.27	3.35	2.10			1.65*	1.64	6.69
+1.5 m			5.58*	5.37	5.03	3.01	3.23	1.99			1.74*	1.53	7.11
0 m			6.07*	5.15	4.84	2.84	3.14	1.91			1.95*	1.56	6.93
-1.5 m	5.20*	5.20*	8.04*	5.15	4.78	2.79	3.11	1.88			2.39*	1.74	6.39
-3.0 m	8.96*	8.96*	6.40*	5.27	4.44*	2.85					3.34*	2.25	5.37

DIPPERSTICK 2840 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+7.5 m					2.04*	2.04*					2.01*	2.01*	4.50
+6.0 m					2.99*	2.99*	1.84*	1.84*			1.65*	1.65*	6.05
+4.5 m					3.28*	3.28*	3.08*	2.14			1.53*	1.53*	6.94
+3.0 m			5.60*	5.60*	4.03*	3.25	3.30	2.04			1.52*	1.40	7.41
+1.5 m			7.97*	5.39	4.92*	2.96	3.16	1.92	1.89*	1.33	1.60*	1.31	7.55
0 m			6.27*	5.00	4.74	2.74	3.04	1.81			1.77*	1.32	7.38
-1.5 m	4.42*	4.42*	8.27*	4.93	4.64	2.65	2.99	1.76			2.12*	1.46	6.88
-3.0 m	7.50*	7.50*	6.93*	5.02	4.66	2.68					2.92*	1.83	5.95
-4.5 m			4.20*	4.20*							2.60*	2.60*	4.32

DIPPERSTICK 2840 mm + COUNTERWEIGHT 585 kg

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+7.5 m					2.04*	2.04*					2.01*	2.01*	4.50
+6.0 m					2.99*	2.99*	1.84*	1.84*			1.65*	1.65*	6.05
+4.5 m					3.28*	3.28*	3.08*	2.37			1.53*	1.53*	6.94
+3.0 m			5.60*	5.60*	4.03*	3.59	3.37*	2.28			1.52*	1.52*	7.41
+1.5 m			7.97*	5.99	4.92*	3.29	3.46	2.15	1.89*	1.51	1.60*	1.49	7.55
0 m			6.27*	5.59	5.20	3.08	3.35	2.04			1.77*	1.51	7.38
-1.5 m	4.42*	4.42*	8.27*	5.53	5.09	2.99	3.29	1.99			2.12*	1.66	6.88
-3.0 m	7.50*	7.50*	6.93*	5.62	4.72*	3.01					2.92*	2.06	5.95
-4.5 m			4.20*	4.20*							2.60*	2.60*	4.32

LIFTING CAPACITY - TRIPLE ARTICULATION

DIPPERSTICK 2380 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+7.5 m					2.17*	2.17*					1.36*	1.36*	4.98
+6.0 m					3.18*	3.18*	2.07*	2.00			1.19*	1.19*	6.41
+4.5 m					3.76*	3.33	3.69*	1.94			1.15*	1.15*	7.25
+3.0 m	13.60*	13.60*	6.88*	5.71	4.40*	2.96	2.70*	1.79	1.91*	1.12	1.20*	1.05	7.70
+1.5 m	6.01*	6.01*	4.15*	4.15*	3.60*	2.55	2.88	1.61	1.95	1.05	1.32*	0.95	7.84
0 m	6.39*	6.39*	4.64*	4.21	4.29	2.28	2.71	1.46	1.88	0.98	1.55*	0.94	7.68
-1.5 m	8.12*	8.12*	6.47*	4.20	4.17	2.17	2.63	1.38			1.97*	1.03	7.19
-3.0 m	8.89*	8.89*	4.82*	4.31	3.63*	2.19	2.48*	1.40			2.20*	1.30	6.32
-4.5 m	9.33*	9.33*	4.55*	4.55*	1.99*	1.99*					1.41*	1.41*	4.82

DIPPERSTICK 2500 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+6.0 m					2.39*	2.39*					1.83*	1.83*	4.81
+4.5 m					2.91*	2.91*					1.79*	1.79*	5.89
+3.0 m	9.47*	9.47*	4.75*	4.75*	3.54*	3.05	3.01*	1.78			1.93*	1.53	6.45
+1.5 m			6.99*	5.00*	4.35*	2.64	2.87	1.61*			2.24*	1.34	6.61
0 m	3.47*	3.47*	7.99*	4.34	4.33	2.33	2.71	1.47			2.42	1.31	6.42
-1.5 m	5.40*	5.40*	7.74*	4.20	4.17	2.19					2.76	1.47	5.83
-3.0 m	8.04*	8.04*	6.47*	4.32	4.22	2.23					3.95	2.10	4.69

LIFTING CAPACITY - OFFSET BOOM

DIPPERSTICK 2200 mm

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+6.0 m											1.97*	1.97*	4.43
+4.5 m					3.13*	3.13*					1.94*	1.94*	5.59
+3.0 m			5.24*	5.24*	3.75*	2.97	3.85*	1.73			2.11*	1.63	6.17
+1.5 m			7.37*	4.84	4.52*	2.59	2.83	1.58			2.50*	1.42	6.34
0 m	3.86*	3.86*	8.06*	4.32	4.31	2.31	2.70	1.46			2.59	1.40	6.14
-1.5 m	5.90*	5.90*	7.57*	4.24	4.19	2.21					3.02	1.61	5.52
-3.0 m	8.91*	8.91*	6.06*	4.42							4.20*	2.46	6.29

DIPPERSTICK 2500 mm + COUNTERWEIGHT 585 kg

HEIGHT	RADIUS OF LOAD												
	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		AT MAX REACH		REACH m
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
+6.0 m					2.39*	2.39*					1.83*	1.83*	4.81
+4.5 m					2.91*	2.91*					1.79*	1.79*	5.89
+3.0 m	9.47*	9.47*	4.75*	4.75*	3.54*	3.38	3.01*	2.01			1.93*	1.74	6.45
+1.5 m			6.99*	5.60	4.35*	2.98	3.17	1.84*			2.24*	1.54	6.61
0 m	3.47*	3.47*	7.99*	4.94	4.79	2.67	3.01	1.70			2.70	1.52	6.42
-1.5 m	5.40*	5.40*	7.74*	4.79	4.63	2.53					3.07	1.71	5.83
-3.0 m	8.04*	8.04*	6.47*	4.92	4.23*	2.57					4.01*	2.42	4.69

All the lift capacity values are in tonnes and without bucket

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

STANDARD EQUIPMENT

- Tier 4 interim Engine 4 cylinders
- H.A. O.A. (Hydrotronic active operation aid)
- C.P.B. (Continuous Power Boost)
- I.N.D.R (Integrated Noise & Dust Reduction Cooling System)
- S.H.S (Smart Hydraulic System)
- Auto-Idling device
- 1 track guide for each side
- Two travel speed with Automatic Down Shift device
- Automatic fuel electrical pump
- Tool box
- Tool kit
- Foot pedal or lever travel control
- Grease bath swing ring
- Standard -25° C engine cold start aid
- Rear mirror
- Two spot lights on lifting boom
- Cab with structures compliant per ISO 12177-2 (ROPS) and ISO10262 (FOPS)
- Transparent cab roof and opening front window
- Mechanical seat suspension
- Adjustable armrests
- Radio with Speakers Set
- New generation A.E.P. (Advanced Electronic Processor)
- Multi-function control monitor with integrated rearview camera, mode and attachments selection, gauges for coolant temperature, fuel tank and fuel economy. Menu functions for fuel consumption graphing, maintenance schedules, system status. Auto-Idling mode selector.
- Automatic air conditioner
- Rear view camera
- Pressure drain switch
- Horn

OPTIONS

- Centralized boom lubrication
- Antitheft device
- Dozer Bladen (not for Logging)
- Dozer Blade preparation only
- Lower Frame Guard
- Rotating beacon
- Cab additional lights and rain protection
- Cab front guard
- Hydraulic quick coupler provision
- Customer color
- Object Handling Kit
- Heated air suspension seat
- Hammer and crusher circuit with foot control
- Hammer and crusher circuit HPC (Hydraulic Proportional Control)
- Hammer, crusher and extra circuit (Hydraulic Proportional Control)
- Hammer and crusher circuit (foot control) + extra circuit HPC (Hydraulic Proportional Control)
- One piece boom, triple articulation (2 piece boom)
- Dipperstick: Arm 2.09 m / Arm 2.38 m / Arm 2.84 m (Only Mono)
- Shoes:

500, 600, 700 mm Steel Track Shoes
500 mm Steel Track Shoes + Bolt on Rubber Pad Shoes
500 mm Geo Grip Shoes

- Additional Bolt on Counterweight (+ 580kg) (not for Logging)
- Biological Hydraulic Oil

OFFSET (Only)

- Hammer circuit with foot control
- Extra circuit (Hydraulic Proportional Control)
- Dipperstick: Arm 2.2 m / Arm 2.5 m

LOGGING (Only)

- Dipperstick: Arm 2.38 m
- Shoes:

700 mm Track Shoes
800 - 900 mm Steel Shoes

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

PARTS AND SERVICE

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