

NEW HOLLAND CONSTRUCTION RANGE FOR AGRICULTURE

Rock solid performance and efficient specialist solutions in:



ORCHARDS, VINEYARDS
AND SPECIALIZED FARMING



CASH CROP FARMING



LIVESTOCK
AND MIXED FARMING



ENERGY GROWING
& BIOMASS BUSINESS



PROVEN SOLUTIONS DESIGNED AROUND YOUR NEEDS.



Sustainable Efficient Technology

New Holland has now broadened its product offering to cater for the more specialised applications found within the wide scope of modern agriculture.

Building on a long tradition of listening to and understanding our customer's needs, New Holland brings to you a selection of its construction equipment range, chosen for their ability to perform specialized operations in agricultural environments. Whether the application is bulk material handling on large scale commercial farms and contracting businesses, drainage or row maintenance on speciality fruit farms, or the diverse range of daily tasks performed on livestock units, having the right tool is the key to efficiency, productivity and profitability. Available through the New Holland Agriculture dealer network, this range of Skid Steer Loaders, Mini Crawler Excavators, Compact Wheel Loaders, Backhoe Loaders and Wheel Loaders will deliver proven, rock solid performance all year round.

New Holland. Your farming partner.





CONTENTS

- 2 / 3 Introduction
- 4 / 5 Applications
- 6 / 7 Skid Steer Loaders
- 8 / 9 Mini Crawler Excavators
- 10 / 11 Compact Wheel Loaders
- 12 / 13 Backhoe Loaders
- 14 / 15 Wheel Loaders
- 16 / 21 Specifications
- 22 / 23 Support and Services

THE RIGHT TOOL FOR THE JOB.

The New Holland Construction range can utilize a variety of specialist, purpose-made attachments to use in a wide range of agricultural applications. New Holland dealers can also offer further accessories to match more specific demands and have the knowledge and expertise to help ensure you make the right choices. What always stays the same is New Holland's commitment to operator comfort and safety, strict adherence to best environmental practice, optimized performance and reduced whole life operating costs.

ORCHARDS, VINEYARDS AND SPECIALIZED FARMING



KEY APPLICATIONS	SKID STEER LOADERS	MINI CRAWLER EXCAVATORS
Row maintenance		•
Mowing	•	
Tree shaking	•	
Post hole boring	•	•
Small scale forestry establishment	•	•
Box filling	•	
Market gardening	•	•
Loading	•	•
Materials handling	•	
Land drainage / drain cleaning		•
Yard & road sweeping	•	
Shallow trenching	•	•
Winter duties		
Snowplough, snow blower, gritter	•	

CASH CROP FARMING



KEY APPLICATIONS	SKID STEER LOADERS	COMPACT WHEEL LOADERS	BACKHOE LOADERS	WHEEL LOADERS
Grain handling		•		•
Bale handling	•	•		•
Bulk truck loading		•		•
Land drainage / drain cleaning			•	
Yard & road sweeping	•	•		
Box filling	•	•		
General materials handling	•	•	•	•
Winter duties				
Snowplough, snow blower, gritter	•	•		•

MANAGE YOUR MACHINE FROM THE COMFORT OF YOUR OFFICE.

PLM[®] Connect enables you to connect to your machines from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and even send and receive real-time information that saves time and enhances productivity. PLM[®] Connect is available for the range of Skid Steer Loaders, Compact Wheel Loaders, Backhoe Loaders and Wheel Loaders.



LIVESTOCK AND MIXED FARMING



KEY APPLICATIONS	SKID STEER LOADERS	MINI CRAWLER EXCAVATORS	COMPACT WHEEL LOADERS	BACKHOE LOADERS	WHEEL LOADERS
Grain handling			•		•
Bale handling	•		•		•
Yard & road sweeping	•		•		
Land drainage / drain cleaning		•		•	
General material handling	•		•	•	•
Track maintenance	•	•	•	•	
Winter feeding	•		•		•
Forage ensiling			•		•
Manure handling	•		•	•	•
Post hole boring		•			
Yard scraping	•		•		
Fence construction / maintenance	•	•		•	
Winter duties Snowplough, snow blower, gritter	•		•		•

ENERGY GROWING & BIOMASS BUSINESS



KEY APPLICATIONS	SKID STEER LOADERS	COMPACT WHEEL LOADERS	BACKHOE LOADERS	WHEEL LOADERS
Grain & biomass loading		•		•
Bale handling	•	•		•
Biomass ensiling		•		•
Land drainage / drain cleaning			•	
Yard & road sweeping	•	•		
Digester filling		•		•
Bulk materials re-handling		•		•
Winter duties Snowplough, snow blower, gritter	•	•		•



L200 SERIES SKID STEER LOADERS. POWERFULLY COMPACT.

New Holland L200 Series skid steer loaders deliver huge performance in a compact package. The five model range has operating loads ranging from 590kg to 1360kg, and lift heights from 2.85m to 3.3m. You will race through your tasks in the tightest spaces thanks to their compact size, exceptional all round visibility and maneuverability, and without compromising comfort or safety. The compact dimensions of under 2m height and just over 1.5m width on the smallest model, ensure access through the narrowest gates and passageways. On Super Boom models the superior lift height and forward reach allows for efficient and easy filling and loading, allowing the load to be dropped into the center of the trailer or feed wagon. Your productivity will soar with the fast cycle times resulting from the perfect balance, excellent stability and powerful hydraulic system. Offering class leading space, comfort and ergonomics, the Comfort Deluxe Cab also affords excellent all round visibility and reduced blind spots.



- Mowing
- Tree shaking, Post hole boring
- Small scale forestry establishment
- Box filling, loading and materials handling
- Market gardening, Yard & road sweeping
- Shallow trenching
- Winter duties: snowplough, snow blower, gritter



- Yard & road sweeping
- Box filling, Bale handling
- General materials handling
- Winter duties: snowplough, snow blower, gritter



- Bale handling, Yard & road sweeping
- General materials handling, Track maintenance
- Winter feeding, Manure handling
- Post hole boring, Fence construction / maintenance
- Yard scraping, Winter duties: snowplough, snow blower, gritter



- Bale handling
- Yard & road sweeping
- Winter duties: snowplough, snow blower, gritter



Best-in-class lift height and reach

The vertical lift geometry of the Super Boom system enables operators to load material far beyond the reach and height of most other skid steer loader designs. The exceptional forward reach afforded by this design makes loading bales and reaching over feed barriers an effortless task.



Unparalleled pushing power

L213 and L216 models, offered exclusively with the radial-lift boom, are ideal for digging and pushing. Productivity in applications such as manure handling, soil moving and yard scraping is boosted by their outstanding breakout force and the geometry of the arm.



Comfort Deluxe Cab

The Comfort Deluxe Cab design offers best-in-class comfort, with plenty of head and leg room, in addition, the low noise levels will be appreciated by people or livestock within the working range of the machine. A choice of control layouts are available, either mechanical or electro hydraulic joystick control can be specified.



Tier 4 technology boosts productivity

New Holland upgraded Tier 4 machines deliver power and performance in an environmentally friendly way. New technological solutions, such as electronic engine control, the High Pressure Common Rail (HPCR) or the DOC-only after-treatment systems, deliver more power, more precision and optimize fuel usage.



Easy maintenance

Maintenance and servicing on L200 Series skid steer loaders couldn't be easier, access for engine and hydraulic oil changes is via a removable cover on the left rear quarter. The ground level daily service points are grouped together at the rear for convenience.

MODELS		L213	L216	L218	L220	L230
Max. power	[kW/hp(CV)]	36.5/50	44.7/61	44.7/68	50/68	67.1/91
Max. lift height (bucket hinge pin)	(mm)	2845	2845	3048	3073	3330
Boom design		Radial Lift	Radial Lift	Super Boom	Super Boom	Super Boom
Rated Operating Capacity (ROC)	(kg)	590	725	818	905	1360
Rated Operating Capacity (ROC) with counterweights	(kg)	635	770	863	950	1450
Tipping load	(kg)	1179	1455	1633	1814	2722
Width	(mm)	1518	1518	1678	1755	1930
Height	(mm)	1919	1919	1974	1998	2042
Operating weight	(kg)	2300	2505	2832	2980	3765

MINI CRAWLER EXCAVATORS. BIG ON PERFORMANCE, SMALL ON SIZE.

With New Holland's mini excavators ranging from 1580kg to 5300kg, you know you will be able to deliver big performance in the tightest spaces thanks to their short radius design and fast, smooth simultaneous movements. Whether you are digging drains, preparing sites for poly-tunnels, establishing tree plantations or improving the farms tracks, you will appreciate the power and versatility of B Series mini excavators. And what's more, you know you can count on their exceptional reliability, so you will hardly know what down time is.



- Row maintenance
- Post hole boring
- Small scale forestry establishment
- Market gardening, loading



- Land drainage / drain cleaning
- Track maintenance
- Post hole boring
- Fence construction / maintenance



Supreme digging performance with SHS

The Smart Hydraulic System (SHS) relies on three integrated pumps to deliver accurate dozer operation and total simultaneous movements. The third pump powers the blade and swing circuits independently from travel. When digging, the flow from this pump is redirected to the arm to deliver added power and ensure smooth operation under heavy loads.



Unique features for productive performance

New Holland's unique concave dozer blade design allows the earth to fall forward as it is being pushed. The boom offset function allows for parallel digging without moving the undercarriage. The dedicated pump to power the tracks guarantees travel performance is maintained if other functions are being performed.



Short radius design

The Short Radius concept, denoted by SR in the model number, means that the machines counterweight always stays within the track width. This feature allows the ability to work in confined environments and reduced damage risk to the machine, and everything around it.



Comfortable surroundings

The cab on B Series SR mini excavators features a unique curved sliding door for ease of access and reduced risk of impact damage. A comfortable suspended seat, sliding side window and air conditioning on the larger models, ensure long working days are spent in spacious contentment.



Clean and efficient power units

Our clean and efficient engines comply with all European regulations and provide superior digging performance with low fuel consumption and noise levels.

MODELS		E16B	E18B	E26BSR	E29BSR	E35BSR	E39BSR	E50BSR	E55B
Power	[kW/hp(CV)]	11/15	11/15	17/23	17/23	22/30	22/30	32/43	32/43
Operating weight									
Cab	(t)	1.70	1.78	2.70	2.84	3.50	3.90	4.95	5.30
Canopy	(t)	1.58	1.68	2.38	2.70	-	-	-	-
Blade width	(mm)	990	990 - 1330	1400 - 1960	1500	1550	1700	1960	1960
Variable width undercarriage		-	●	-	-	-	-	-	-
Max. digging depth	(mm)	2400	2400	2600	2800	3100	3300	3900	3900
Max. dump height (Cab/Canopy)	(mm)	2600	2600	2900	3400	3500	3800	3800	3900
Hydraulic flow delivery	(lpm)	2x15.5	2x15.5	2x26.4	2x26.4	2x38.4	2x38.4	2x57.1	2x57.1
Travel speed (High)	(kph)	3.5	3.5	4.1	4.1	4.5	4.5	4.6	4.6

● Standard - Not available

COMPACT WHEEL LOADERS. LOADS BETTER.

Versatile and compact, New Holland's C Series range of compact wheeled loaders are totally new in design, and offer a fresh alternative to the traditional farm materials handling solutions. The four model articulated steer range, with power outputs of 58hp(CV) - 75hp(CV), and operating capacities of 1.9t - 2.5t to a height of 3.1m - 3.4m respectively, offer high performance in a very agile package. The impressive performance figures are backed up by useful design features such as the low cab height of just 2.46m and max width of 1.76m on the smallest W50C model, which make it ideal for access to low farm buildings and narrow feed passageways. Added to these compact dimensions is the articulated steering system, which makes it more maneuverable and user friendly than its all-wheel-steer competitors. The new cab design affords the operator a spacious working environment, it is wide, bright and airy. The electro hydraulic joystick is truly multi-functional, making daily feeding or loading routines a swift and efficient affair.



- Grain handling
- Bale handling
- Bulk truck loading
- Yard & road sweeping
- Box filling, General materials handling
- Winter duties: snowplough, snow blower



- Grain handling
- Bale handling
- Yard & road sweeping
- General materials handling
- Track maintenance
- Winter feeding
- Forage ensiling
- Manure handling
- Yard scraping
- Winter duties: snowplough, snow blower



- Grain & biomass loading
- Bale handling
- Biomass ensiling
- Yard & road sweeping
- Digester filling
- Bulk materials re-handling
- Winter duties: snowplough, snow blower



Maximum versatility

Only on the W50C and W60C models two choices of linkage are available, either the Z-BAR linkage or the TC linkage. Z-BAR offers more breakout force thanks to the two lifting cylinders and a higher dump height. TC (Tool Carrier) is the best linkage choice for regular pallet or box handling. Visibility on the pallet forks is superior and the payload is marginally higher.



Transmission

All models in the range are equipped with hydrostatic transmissions, you just press the accelerator and go, smoothly and without fuss. Maximum road speed is 33kph when the optional High Travel Speed is specified, more than fast enough to get from A to B around the farm. The creep speed and the auto ride control are also useful functions to set the machine power and travel performances to your applications requirements.



Powerful hydraulics

Powering the business end of the compact loader range is a gear pump with a choice of flow outputs. On the two smallest models there is a 67lpm pump running at 2500rpm. On the larger two models there is a choice of the standard 85lpm pump or the High Flow pump producing 130lpm.



Bird's eye view

Almost unobstructed 360 degree vision is offered by the newly designed cab. The elevated driving position and an abundance of curved glass within four narrow pillars ensure the best view of any materials handler on the market. Access via the wide opening glass door is easy and straight forward, operators will appreciate the bright airy space and fully opening side window, and low noise levels of 72dB(A). All instruments and controls are positioned on the operators right side and include an electro hydraulic multi-function joystick, with forward and reverse controls.

MODELS	W50C		W60C		W70C	W80C
	Z-BAR	TC	Z-BAR	TC	Z-BAR	Z-BAR
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	43/58		48/64		55/75	55/75
Transmission	4WD Hydrostatic					
Tipping load* (t)	2.8	3.0	3.0	3.2	3.1	3.6
Tipping load at full turn (40°)* (t)	2.4	2.6	2.6	2.8	2.7	3.0
Payload at 80%* (t)	1.9	2.1	2.1	2.2	2.2	2.5
Max. lift height* (m)	2.90	2.96	2.95	2.97	3.08	3.19
Overall width (m)	1.74		1.74		1.80	1.86
Min. cab height (m)	2.46		2.46		2.63	2.68
Turning radius (m)	3.72		3.72		3.99	3.99
Operating weight (Z-BAR / TC)* (t)	5.02	4.91	5.16	4.94	5.56	5.91

* With pallet forks

BACKHOE LOADERS. VERSATILE ALL-ROUNDER.

Versatile and productive, New Holland's backhoe loader is an excavator and a wheel loader rolled into one. The boom is designed like the arm of an excavator with the performance to match. Offering the ability to do a multitude of different tasks, no other machine on the farm says "multi-purpose" like the C Series. Boasting three models in the range, from 98hp(CV) to 111hp(CV), with the range topping equal wheel, four-wheel-steer configuration featured on the B115C. Particularly useful on busy livestock units, the C Series' extremely powerful front loader can lift over 3.5 tons, and has a useful lift height of 3.5m. Materials handling and drainage can be performed fast, easily and without fuss or adaptation. This versatility and performance comes with big savings in the cost of ownership with exceptionally low fuel consumption and easy serviceability.



- Bulk truck loading
- Land drainage / drain cleaning
- Yard & road sweeping
- General materials handling
- Winter duties: snowplough



- Land drainage / drain cleaning
- General materials handling
- Track maintenance
- Post hole boring
- Fence construction / maintenance
- Winter duties: snowplough



- Land drainage / drain cleaning
- Winter duties: snowplough



14% Fuel saving

The engine is the heart of a backhoe loader: that's why we design and produce it ourselves. This allows us to calibrate it in order to give you the best performance and the lowest fuel consumption for your own application.



Choice of transmissions

Just as you would expect from New Holland, there is a choice of transmission options available, choose between the standard Powershuttle option or the more advanced PowerShift™ option featuring full auto mode and kick-down function.



Low cost of ownership

If your New Holland machine is used for 800 h/year, we estimate that our hydraulic system, including the Variable Displacement Pump, will result in average savings of up to 727 €/year.



Class-leading operator environment

Climb aboard the cab of the C Series backhoe loaders and you find a comfortable, well-appointed operator environment with low noise levels of just 77dB(A). All the controls for the front loader are positioned on a single, right hand joystick. The fully adjustable deluxe air seat and can be turned through 180 degrees to reposition for use with the backhoe. Two floor mounted electro hydraulic joysticks provide control to the backhoe, while further controls for the jacks and side shift are located on the joystick columns.

MODELS	B100C TC		B110C TC		B115C TC	
	retracted	extended	retracted	extended	standard	extendible
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	72/98		82/111		82/111	
Loader max. lift capacity to max height (kg)	3200		3200		3500	
Loader max. lift height (hinge pin) (mm)	3500		3500		3500	
Backhoe max. digging depth (mm)	4710	5700	4710	5700	4565	5600
Backhoe max. digging reach (ground level) (mm)	5870	5860	5860	6815	5850	6810
Overall width (mm)	2325		2325		2325	
Height (to top of cab) (mm)	2940		2940		2960	
Operating weight (kg)	8500		8500		8870	9100

WHEEL LOADERS. HEAVY DUTY HANDLING.

The bulk handling and loading of grain, farm yard manure and biomass digestate requires a dedicated heavy duty machine to cope with the heavy payloads and repetitive duty cycles. Equally important is the ability to push and climb when ensiling grass or maize forage. The New Holland range of wheel loaders is perfectly suited to these tasks thanks to its massive payload of up to 5440kg on W170C models, up to 197hp(CV) FPT engine and front and rear differentials locks, with 100% lock possible on the front axle. The well-appointed cabin with outstanding visibility, combined with joystick control with programmable return functions ensures the operator is as productive as possible during the busy silage or harvest seasons.



- Grain handling
- Bale handling
- Bulk truck loading
- General materials handling
- Winter duties: snowplough, snow blower



- Grain handling
- Bale handling
- General materials handling
- Winter feeding
- Forage ensiling
- Manure handling
- Winter duties: snowplough, snow blower



- Grain & biomass loading
- Bale handling
- Biomass ensiling
- Digester filling
- Bulk materials re-handling
- Winter duties: snowplough, snow blower



Massive lift capacity

Payloads range from 3.4t on the W110C to 5.4t on the W170C, and a hinge pin height of over 4.4m on Long Reach models, allow a 29 ton truck to be fully loaded in no time.



Transmission

On the W110C and W130C, a 4-speed automatic PowerShift™ transmission comes as standard and is switchable to use in manual mode for total control. On the larger W170C model there is also a 5-speed PowerShift™ with Ecoshift. Ecoshift automatically locks the torque converter at speeds above 8kph, all the way to a max road speed of 40kph.



Long Reach versatility

C Series wheel loaders offer Long Reach or Z-BAR configuration. Long Reach models offer a 0.4m increase in hinge pin height at maximum reach, ideal for loading trucks and high sided hoppers. These models are also up to 400kg heavier, so are well suited to forage ensiling.



Outstanding grip and climbing ability

The front auto locking differential option provides 100% lock when required and the rear open differential ensures all the torque goes to where it's needed. The heavy duty rear axles, and rear axle oscillation of 24 degrees allows the C Series to cope with undulating terrain while maintaining traction and stability.



SCR Technology & Clever Cooling package

Like the New Holland agricultural tractor range, the C Series range of wheel loaders are powered by ECOBlue™ SCR 4.5L and 6.7L engines developed in partnership with FPT Industrial.

New Holland has engineered the C Series wheel loader with the engine mounted far behind the rear axle, optimizing the weight balance with no need to add extra "dead" weight. The engine bay hosts the Smart Box cooling system with a radiator at each side and the reversible fan keeping them always clean and free of debris during busy silage clamping or grain handling operations.

MODELS (Bucket with bolt-on EDGE)		W110C Z-BAR buckets	W110C LONG REACH buckets	W130C Z-BAR buckets	W130C LONG REACH buckets	W170C Z-BAR buckets	W170C LONG REACH buckets
		2.1m ³	1.9m ³	2.4m ³	2.2m ³	2.7m ³	2.4m ³
Max. horsepower	[kW/hp(CV)]	106/144		128/174		145/197	
Transmission		All wheel drive					
Bucket payload	(kg)	3478	2977	4371	3707	5440	4385
Tipping load	(kg)	8150	7011	9964	8488	12435	10129
Tipping load at full turn (40°)	(kg)	6957	5955	8741	7414	10881	8770
Hinge pin height	(m)	3.6	4.0	3.8	4.2	4.0	4.4
Height to top of cab	(m)	3.28	3.28	3.39	3.39	3.38	3.38
Overall length	(m)	6.83	7.11	7.47	7.75	7.65	8.18
Turning radius	(m)	5.5	5.7	5.7	5.9	6.3	6.5
Operating weight	(kg)	10448	10582	12191	12336	14225	15063
Width	(m)	2.49	2.49	2.52	2.52	2.65	2.65

Skid Steer Loaders L213 – L216 – L218 – L220 - L230

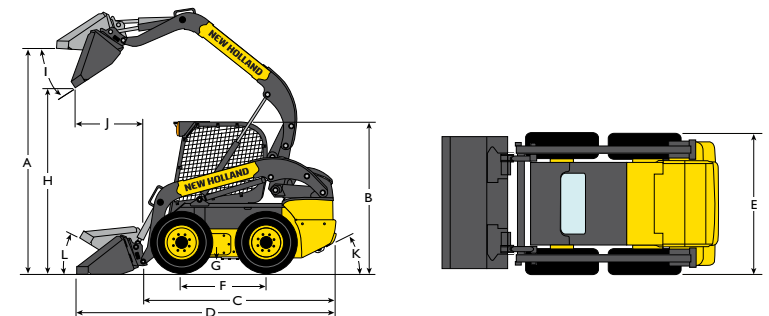


MODELS		L213	L216	L218	L220	L230
Engine		ISM/N844L-D	ISM/N844LT-F	ISM/N844LTA-DI-F	ISM/N844LTA-DI-F	FPT F5H
Max. power	[kW/hp(CV)]	36.5/50	44.7/61	44.7/68	50/68	67.1/91
Capacity	[L]	2.2	2.2	2.2	2.2	3.4
No of cylinders/Aspiration/Emission level Tier-Stage		4/N/4A-3B	4/T/4B-4	4/T/4B-4	4/T/4B-4	4/T/4B-4
Bore and stroke	[mm]	84x100	84x100	84x100	84x100	99x110
Rated engine speed	[rpm]	2800	2800	2800	2800	2500
Max. torque	[Nm]	143	188	183	208	383
Transmission				Hydrostatic single reduction chain drive		
Travel speeds low range/high range (optional)	[kph]	11.9/-	11.9/-	11.9/17.4	12.5/18.3	12.4/18.5
Drive pump control				Direct mechanical or Electro-hydraulic		
Dimensions and weight						
A - Max. lift height (bucket hinge pin)	[mm]	2845	2845	3048	3073	3330
B - Height	[mm]	1919	1919	1974	1998	2042
C - Length without attachment	[mm]	2435	2435	2685	2685	2986
D - Length with bucket*	[mm]	3028	3028	3352	3338	3624
E - Width	[mm]	1518	1518	1678	1755	1930
F - Wheelbase	[mm]	941	941	1128	1128	1322
G - Ground clearance	[mm]	178	178	178	203	243
H - Dump height	[mm]	2246	2246	2377	2402	2655
I - Dump angle	[°]	40	40	52	52	55
J - Dump reach @ max. height	[mm]	469	469	783	758	780
K - Angle of departure	[°]	22	22	23	25	27
L - Rollback angle (bucket on ground)	[°]	26	26	35	34	33
Operating weight	[kg]	2300	2505	2832	2980	3765
Performance specs						
Rated Operating Capacity (ROC)*	[kg]	590	725	818	905	1360
Rated Operating Capacity (ROC) with counterweights*	[kg]	635	770	863	950	1450
Tipping load	[kg]	1179	1455	1633	1814	2722
Lift cylinder breakout force	[kN]	13.0	15.0	12.0	15.3	28.2
Bucket cylinder breakout force	[kN]	19.0	23.4	24.7	32.5	38.3
Boom design		Radial Lift	Radial Lift	Super Boom	Super Boom	Super Boom

- Not available

* Of tipping load

All figures are based on a machine with standard tyres and standard bucket.

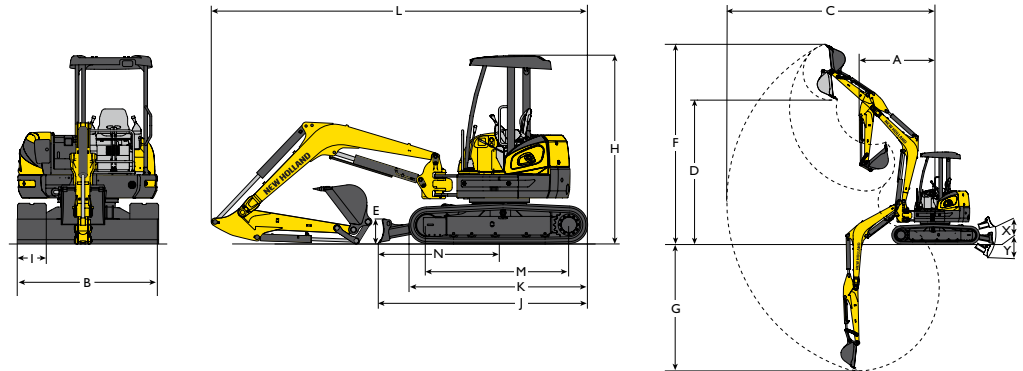


Mini Crawler Excavators E16B - E18B - E26BSR - E29BSR - E35BSR - E39BSR - E50BSR - E55B



MODELS		E16B	E18B	E26BSR	E29BSR	E35BSR	E39BSR	E50BSR	E55B
Engine		Mitsubishi L3E	Mitsubishi L3E	Yanmar 3TNV82A	Yanmar 3TNV82A	Yanmar 3TNV88	Yanmar 3TNV88	Yanmar 3TNV88	Yanmar 3TNV88
Power	[kW/hp(CV)]	11/15	11/15	17/23	17/23	22/30	22/30	32/43	32/43
Capacity	(L)	0.95	0.95	1.3	1.3	1.6	1.6	2.2	2.2
Torque	(Nm)	53.5	53.5	80.1	80.1	98.4	98.4	139.3	139.4
Hydraulics system		Smart Hydraulic System (SHS) 2 Variable displacement pumps & one gear pump							
Max. operating pressure	(bar)	206	216	230	230	230	230	230	230
Short radius design		-	-	●	●	●	●	●	-
Hydraulic flow delivery	(lpm)	2x15.5	2x15.5	2x26.4	2x26.4	2x38.4	2x38.4	2x57.1	2x57.1
Travel speed (High)	(kph)	3.5	3.5	4.1	4.1	4.5	4.5	4.6	4.6
Variable width undercarriage		-	●	-	-	-	-	-	-
Rear end swing radius	(mm)	1055	1055	700 / 740*	750	775	850	980	1080
I - Track belt width	(mm)	230	230	250	250	300	300	400	400
J - Undercarriage length	(mm)	2210	2210	2260	2410	2550	2680	2910	2910
K - Track length on ground	(mm)	1565	1565	1870	1980	2000	2150	2480	2480
M - Center distance of tumblers	(mm)	1215	1215	1490	1590	1540	1700	1970	1970
N - Blade radius on ground	(mm)	1155	1155	1350	1440	1550	1600	1690	1690
X - Blade max. lifting	(mm)	210	210	425	445	560	540	495	495
Y - Blade max. lowering	(mm)	310	310	290	335	410	440	375	375
B - Blade width	(mm)	990	990 - 1330	1400 - 1960	1500	1550	1700	1960	1960
E - Blade height	(mm)	245	245	300	300	345	345	345	345
Digging performance									
Dipperstick	(mm)	1220	1220	1330	1370	1470	1590	1870	1870
Bucket thickness	(mm)	400	400	450	600	500	600	700	700
G - Max. digging depth	(mm)	2400	2400	2600	2800	3100	3300	3900	3900
Bucket breakout force	(kN)	13.3	14.0	19.3	22.0	27.4	27.4	35.3	35.3
Dipperstick breakout force	(kN)	7.4	7.8	12.0	13.0	15.0	17.0	23.6	23.6
A - Min. front slew radius (Cab/Canopy)	(mm)	1555	1555	2070/1900	2080/1880	2280/-	2340/-	2580	2580
C - Max. reach	(mm)	3990	3990	4520	4890	5200	5500	6190	6190
D - Max. dump height (Cab)	(mm)	2600	2600	2900	3400	3500	3800	3800	3900
F - Max. digging height (Cab/Canopy)	(mm)	3675	3675	3850/4190	4470/4690	4580/4960	4800/5160	5380	5380
Dimensions									
B - Max. width	(mm)	990	1330	1400	1500	1550	1960	1960	1960
L - Max. length	(mm)	3620	3620	3820	4130	4390	4710	5370	5370
H - Max. height	(mm)	2350	2350*	2460	2500	2570	2600	2600	2600
Operating weight									
Operating weight (Cab/Canopy)	(t)	1.70/1.58	1.78/1.68	2.70/2.38	2.84/2.70	3.50/-	3.90/-	4.95/-	5.30/-

● Standard - Not available
* With cab



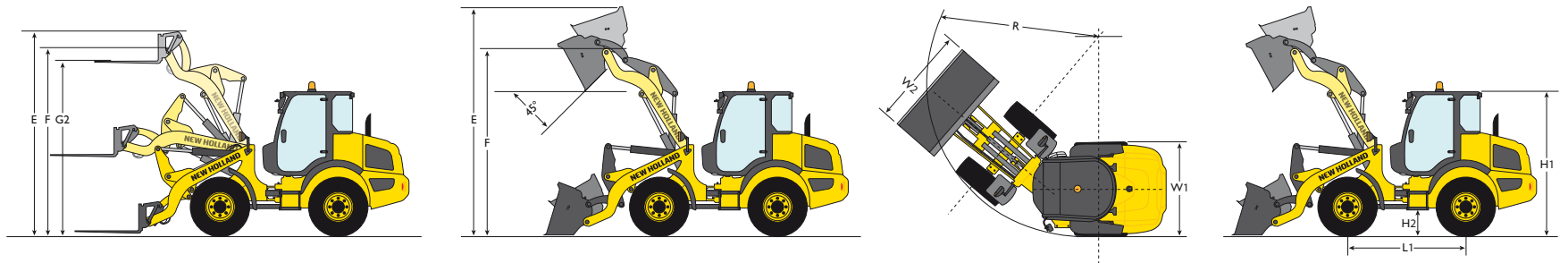
Compact Wheel Loaders W50C - W60C - W70C - W80C



MODELS	W50C		W60C		W70C		W80C	
Engine	FPT Industrial F5H							
No. of cylinders/Aspiration/Valves/Emission level Tier-Stage	4/T/2/4B-4							
Capacity (cm ³)	3400							
Bore and stroke (mm)	99x110							
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CVI)]	43/58		48/64		55/75		55/75	
Rated engine speed (rpm)	2500							
Max. torque (Nm @ rpm)	245 @ 1400		261 @ 1400		316 @ 1400		316 @ 1400	
Diesel capacity (L)	87							
Hydraulics	Multi-functional Proportional Joystick control							
Control	Multi-functional Proportional Joystick control							
Gear pump (Standard flow / High flow option) (lpm)	67 / -		67 / -		85 / 130		85 / 130	
Transmission	4WD Hydrostatic							
Speed	2x2		2x2		2x2 / 3x2 High speed		2x2 / 3x2 High speed	
Creeper	-		○		○		○	
Travel speed (operating speed / travel speed / high speed) (kph)	0-5 / 0-20 / -		0-5 / 0-20 / -		0-5 / 0-20 / 33		0-5 / 0-20 / 33	
Inch & Brake pedal	●		●		●		●	
F-N-R integrated on joystick	●		●		●		●	
Differential lock								
Limited slip diff front & rear	○		○		○		○	
Open diff front & rear	○		-		-		-	
Open diff with 100% lock on front & rear	-		-		○		○	
Cab								
Noise level [dB(A)]	71		71		72		72	
Turning radius (m)	3.72		3.72		3.99		3.99	
Operating weight (Z-BAR / TC)* (t)	5.02	4.91	5.16	4.94	5.56	5.56	5.91	5.91
General dimensions								
H1 - Min. cab height (m)	2.46		2.46		2.63		2.68	
H2 (mm)	450		450		440		490	
W1 - Overall width (m)	1.74		1.74		1.80		1.86	
W2 (m)	1.90		2.05		2.05		2.10	
L1 (m)	2.08		2.08		2.22		2.23	
R - Turning radius (m)	3.72		3.72		3.99		3.99	
Specifications with forks	Z-BAR		TC		Z-BAR		Z-BAR	
Tipping load* (t)	2.8		3.0		3.0		3.1	
Tipping load at full turn (40°)* (t)	2.4		2.6		2.8		2.7	
Payload at 80%* (t)	1.9		2.1		2.2		2.2	
E - Max. overall height (m)	3.48		3.63		3.65		3.63	
F - Hinge pin height (m)	3.14		3.11		3.18		3.13	
G2 - Max. lift height* (m)	2.90		2.96		2.97		3.08	

● Standard ○ Option - Not available

* With pallet forks

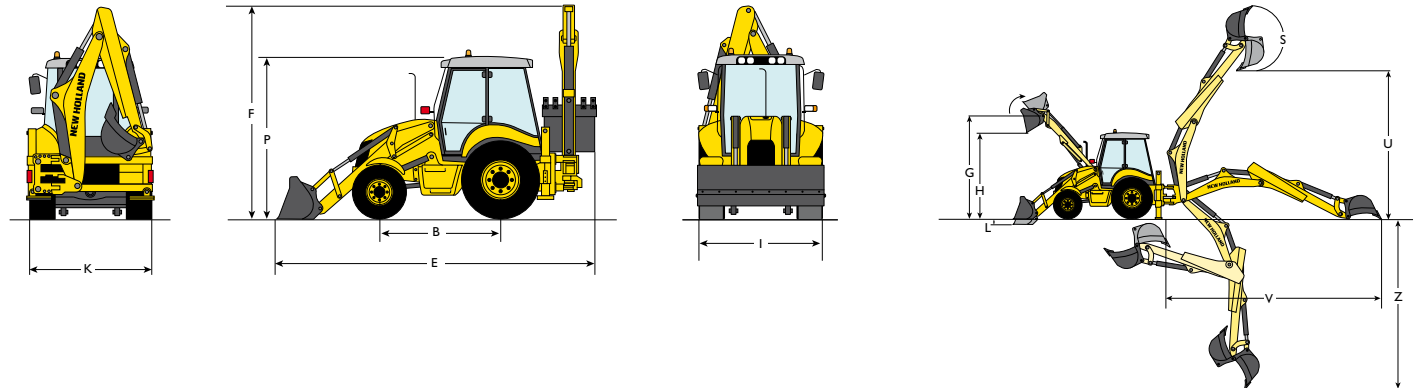


Backhoe Loaders B100C - B110C - B115C



MODELS	B100C TC		B110C TC		B115C TC	
	retracted	extended	retracted	extended	standard	extendible
Engine	FPT Industrial F5H					
No. of cylinders/Aspiration/Valves/Emission level Tier-Stage	4/T/2/4A-3B					
Capacity (cm ³)	3400					
Bore and stroke (mm)	99x110					
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	72/98		82/111		82/111	
Diesel capacity (L)	132					
Hydraulics						
Variable displacement pump	●		●		●	
Max pump capacity @ 205bar (lpm)	165		165		165	
Transmission						
Powershuttle	○		○		-	
PowerShift™	○		○		●	
Cab						
Noise level [dB(A)]	77					
Operating weight (with standard extendible backhoe + 6 in 1 bucket) (kg)	8500		8500		8870 9100	
Overall dimensions						
B - Wheelbase (mm)	2175		2175		2200	
E - Overall length (mm)	5825		5825		5945	
F - Height to top of boom (mm)	3825		3825		3930	
P - Height (to top of cab) (mm)	2940		2940		2960	
I - Loader bucket width (mm)	2250		2250/2400		2400	
K - Overall width (mm)	2325		2325		2325	
Loader specifications						
Maximum loader breakout force (daN)	6900		6650		7400	
Loader max. lift capacity to max height (kg)	3200		3200		3500	
L - Digging depth (mm)	75		125		155	
G - Loader max lift height (hinge pin) (mm)	3500		3500		3500	
H - Maximum dump height under bucket at 45° (mm)	2780		2693		2650	
Backhoe specifications						
Bucket Breakout force (daN)	6400		6400		6400	
S - Bucket rotation (°)	204		204		204	
U - Dumping height (mm)	3930 4585		3930 4585		4090 4750	
V - Digging reach at ground level (mm)	5860 6815		5860 6815		5850 6810	
Z - Digging depth (mm)	4710 5700		4710 5700		4565 5600	

● Standard ○ Option - Not available

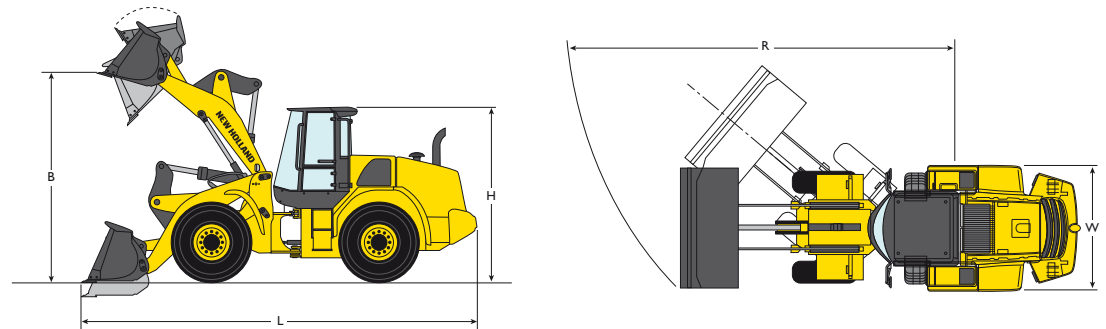


Wheel Loaders W110C - W130C - W170C



MODELS	W110C	W110C	W130C	W130C	W170C	W170C
	Z-BAR buckets	LONG REACH buckets	Z-BAR buckets	LONG REACH buckets	Z-BAR buckets	LONG REACH buckets
Bucket with bolt-on EDGE	2.1m ³	1.9m ³ bucket	2.4m ³	2.2m ³ bucket	2.7m ³	2.4m ³ bucket
Engine	FPT Industrial Nef					
No. of cylinders/Aspiration/Valves/Emission level Tier-Stage	4/T/4/4A-3B					
SCR system (Selective Catalytic Reduction)	●					
Capacity (cm ³)	4485			6728		6728
Bore and stroke (mm)				104 x132		
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	106/144		128/174		145/197	
Rated engine speed (rpm)				1800		
Max. torque ISO TR14396 (Nm @ rpm)	608 @ 1600		730 @ 1600		950 @ 1300	
Diesel capacity (L)	189		248		246	
Hydraulics	Proportional Joystick control					
Control	Proportional Joystick control					
Pump type	Variable displacement pump		Tandem variable displacement pump		Tandem variable displacement pump	
Pump output (lpm)	134		171		206	
Transmission	All wheel drive					
4 speed PowerShift™	●		●		-	
5 speed Ecoshift with auto lock above 8kph	-		-		●	
Maximum speed (kph)	36		40		40	
Differential lock						
Open rear diff with 100% auto lock on front	●		●		●	
Cab						
Noise level [dB(A)]	72		71		72	
Bucket payload (kg)	3478	2977	4371	3707	5440	4385
Bucket outside width (m)	2.49	2.49	2.49	2.49	2.73	2.47
Tipping load (kg)	8150	7011	9964	8488	12435	10129
Tipping load at full turn (40°) (kg)	6957	5955	8741	7414	10881	8770
Breakout force (kg)	7591	8094	9819	11233	14236	12040
Lift capacity from ground (kg)	8889	8830	9857	11411	13607	11072
B - Hinge pin height (m)	3.6	4.0	3.8	4.2	4.0	4.4
L - Overall length (m)	6.83	7.11	7.47	7.75	7.65	8.18
R - Turning radius (m)	5.5	5.7	5.7	5.9	6.3	6.5
Operating weight (kg)	10448	10582	12191	12336	14225	15063
W - Width (m)	2.49	2.49	2.52	2.52	2.65	2.65
H - Height to top of cab (m)	3.28	3.28	3.39	3.39	3.38	3.38

● Standard ○ Option - Not available



Attachments



A wide variety of high performance attachments are available to help you get the most out of your investment. Please contact your local dealer for further information.



SATISFACTION. GUARANTEED.

Buying a New Holland machine is just the beginning of a partnership. A vast wealth of local and regional knowledge means that you can rely on a partner who can offer you ultimate peace of mind. Accompanying you every step of the way are a highly trained and skilled team of professionals, who are dedicated to offering you just what you need to grow your business. In the dealership, 24 hours a day, 365 days a year, New Holland people are always willing to go the extra mile to guarantee you complete satisfaction.



SUPPORTING YOUR BUSINESS, EVERY DAY, WITH YOU.

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

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



CNH INDUSTRIAL PARTS & SERVICE

All New Holland official dealers stock a full range of parts for rapid delivery and reduced downtime. Approved accessories are also available to optimise your machines' performance in all conditions.

CNH INDUSTRIAL CAPITAL

CNH Industrial Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and tailored finance packages are available to meet your specific needs. CNH Industrial Capital offers you the peace of mind that comes from dealing with a specialist in agricultural financing.

NEW HOLLAND TOP SERVICE

For ultimate peace of mind, Top Service offers you around the clock assistance. No matter when, no matter where, simply call the toll free numbers for assistance, enjoy express parts delivery with a 100% total satisfaction guarantee.





www.newholland.com/uk - www.newholland.com/ie



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in Italy - 05/15 - TP01 - (Turin) - **154000/INB**

New Holland with

