

# LOADER BACKHOES/TRACTOR LOADER

**B95C**

**B95CTC**

**B95CLR**

**B110C**

**U80C**



- New Flip Forward Hood for Easier Daily Maintenance
- Narrow Backhoe Boom Design for Optimal Visibility
- Outstanding Loader Bucket Breakout Forces



BUILT AROUND YOU

# C SERIES LOADER BACKHOES BUILD MORE TIME INTO YOU

New C Series loader backhoes with Tier 4 Interim engines deliver the power and torque needed so you can dig, load, trench or push faster, while reducing the impact on the environment.

## MAINTENANCE-FREE BRAKES

Outboard wet disc brakes with separate Spring Applied Hydraulically Released (SAHR) parking brake provide enhanced control and significantly increased brake life. The “low effort” braking system allows the operator to apply stopping power with a minimum amount of force.

## POWERSHIFT TRANSMISSION

Operators appreciate the convenience of the powershift transmission that shifts smoothly up or down through the gears automatically locating the correct gear for the conditions.

## OUTSTANDING LOADER BUCKET BREAKOUT

By using a straight arm loader design, C series Loader backhoes deliver unmatched loader lift capacities and the loader bucket location on top of the loader frame produces exceptional bucket breakout forces.



## FAST, COMPLETE SERVICE ACCESS

The new tilt-forward hood and checkpoints that are grouped together reduce maintenance time so you can maximize uptime and profits.

## INDUSTRY-LEADING COMFORT AND VISIBILITY

Comfortable operators are more productive operators, and the C Series cab is designed for maximum productivity with:

- Comfortable seating
- Greater visibility
- Ergonomic controls layout
- Available pilot controls for improved productivity and comfort
- NEW Auto Glide Ride™ option with an industry-exclusive speed setting. Previously reserved for wheel loaders, this feature makes operation easier by helping to reduce spillage even when operating at increased speeds, and allows you to set the engagement speed.



# A MODEL TO MATCH YOUR NEEDS

The C Series loader backhoe line-up includes the B95C, B95C LR (long reach), B95C TC (tool carrier) and B110C. There's sure to be a model that's the perfect match for your operation.

Model	Gross Horsepower hp (kW)	Base Unit Weight lbs (kg)	Backhoe Bucket Capacity cu ft (m <sup>3</sup> )	Loader SAE Heaped Capacity cu yd (m <sup>3</sup> )
B95C	97 (72)	16,008 (7261)	7.5 (.21)	1.1 (.88)
B95C TC	97 (72)	18,135 (8226)	7.5 (.21)	1.3 (1.0)
B95C LR	97 (72)	16,316 (7380)	8.5 (.24)	1.1 (.88)
B110C	110 (82)	16,316 (7380)	8.5 (.24)	1.3 (1.0)

The B95C continues the New Holland tradition of superior power, performance and easy servicing. It's powered by a Tier 4 Interim, emissions-certified diesel engine delivering 97 gross horsepower, and designed to save a minimum of 4% on fuel compared to previous models.



**B95C**

**LONG REACH MODEL** The B95C LR combines the compact size of the B95C with the longer stick of the B110C to provide excellent dig depth, reach and fuel consumption.



**B95C LR**

## TOOL CARRIER MODEL

The B95C TC combines the B95C's powerful backhoe with an advanced front boom designed to multi-task. The standard quick coupler and self leveling boom make switching from bucket to forks a breeze.

At 110 gross horsepower the B110C delivers fast response and the power you need for loading, lifting, pushing, digging and trenching. The longer dipperstick as well as the highest reaching front boom in the industry, combine with best in class lift capacity to make the B110C the top performer in whatever task you need it perform.



**B95C TC**



**B110C**

# U80C TRACTOR LOADER ALSO OFFERS PROFIT-MAKING



## EASY SELF LEVELING AND LOADING

The U80C features automatic hydraulic self leveling and its curved boom design places the bucket closer to the front of the machine allowing the operator to place loads exactly where you want to. The unique reverse mounted boom cylinders give you maximum bucket breakout force and superior dump speed on the bucket.

## RUGGED 3 POINT HITCH

You get best-in-class scraping and leveling performance due to the rugged Category II 3-point hitch with adjustable sway control, controllable down pressure and optional dual tilt cylinders.

## POWER SHUTTLE TRANSMISSION

The smooth synchromesh with power shuttle lets you make smooth direction changes between the four forward and four reverse gears.



# POWER ON THE FRONT AND BACK



## SINGLE LEVER CONTROL

Fully integrated loader control lever allows the operator to control all loader and front auxiliary functions comfortably in one location.

## OPTIONAL GLIDE RIDE™

With the flip of a switch Glide Ride charges the boom cylinders, turning them into the equivalent of giant shock absorbers and stabilizing the load while traveling.

## OPTIONAL PTO

For added versatility, a 540rpm hydraulic Power Take Off (PTO) can be added to run PTO driven attachments.

Model	Gross Horsepower hp (kW)	Base Unit Weight lbs (kg)	3-Point Hitch Max Lift Force lbs. (N)	Loader SAE Heaped Capacity cu yd (m <sup>3</sup> )
U80C	85 (63)	9906	3,501 (15,574)	1.03 (0.79) Long Lip Bucket 1.04 (0.80) 4 in I® Bucket

# POWER AT THE LOADER BUCKET

C Series loader backhoes feature a straight-arm loader linkage designed to incorporate a light weight straight arm loader to transfer loader bucket forces straight back to the main tractor frame. The straight arm loader gives New Holland unmatched lift capacity, bucket rotation and breakout force.



The B95C Tool Carrier's curved boom delivers true mechanical self-leveling to the loader, both up and down. This makes it ideal for material handling and use with pallet forks. Combined with the standard mechanical or optional hydraulic quick coupler, this is the most versatile machine on the job site.



The curved-arm loader linkage provided on the U80C tractor loader provides hydraulic bucket leveling for less spillback, as well as excellent truck loading. The unique reverse mounted boom cylinders give you maximum bucket breakout force and superior dump speed on the bucket.



# SUPERIOR BACKHOE PRECISION, FORCE AND REACH



## GET THE PERFORMANCE OF AN EXCAVATOR

Using the curved boom design of big excavators, this backhoe gives you big digging performance. With in-line cylinders, effort is reduced, visibility is better and the general digging performances greater. Dual swing cylinders provide smooth movement for faster positioning of the arm over the trench and increases the stability of the machine. Choose from standard dipper or the “LR” (Long Reach) dipper for extended reach, depending on your needs.

## SMOOTH INTERNAL HED HYDRAULIC SYSTEM

While digging, the load sensing hydraulic system, combined with flow sharing valves, provides smooth and accurate control and faster load cycles. The HED system also gives you the fine control needed for delicate operations when necessary. New Holland’s Extendable Internal Stick vs. the Extendable Outer Stick of most manufacturers, puts less weight on the extension and affords easier maintenance.



## LONG REACH ARM: BECAUSE YOU HAVE NO TIME TO LOSE

No need to constantly reposition the machine since this arm is 1.6 feet longer than the arms on other backhoe loaders.

# BEST-IN-CLASS PRODUCTIVITY



## EASY LOADING:

- All loading functions on a single joystick
- Maximize bucket filling with Powershift transmission and its kick-down function at your fingertips
- Superior loader breakout force makes the job faster
- Lifts from 7,022 to 7,996 pounds at over 11-foot hinge pin height
- Auto-Glide Ride automatically deactivates when you are loading. You can keep one hand on the steering wheel and the other on the loader joystick.

## MORE PRODUCTIVE ROADING:

Optimize bucket retention on the B95C and BI 10C with Auto-Glide Ride that helps prevent loader arm bounce when traveling. You set the ground speed when Auto-Glide-Ride will automatically activate – an industry-exclusive feature.

- Great comfort thanks to the suspension seat or optional air ride seat
- Excellent visibility due to wide glass area

## GREATER PRODUCTIVITY ON SOFT SOILS AND TOUGH TERRAINS:

- Excellent traction in the worst conditions thanks to an electronically lockable differential with fingertip activation, on the B95C and BI 10C
- The front axle oscillates 22° from side to side – ideal for remaining stable in residential construction areas where the ground is neither smooth nor flat
- B95C is also available with 20" tires that provides a fantastic float-ability

## EASY DUMPING / SIMPLE LEVELING:

- Mechanical self-leveling of the bucket maximizes bucket retention with less concentration needed by the operator (on TC models)
- Curved loader arms allow for easier dumping into a truck (on TC models)
- After dumping, the bucket automatically returns to dig by pushing the joystick forward and to the left
- Simply push the joystick forward to activate leveling



## RELIABLE, SMOOTH CONTROL UNDER LOAD WITH POWER SHUTTLE OR POWERSHIFT

- Two transmissions available to match your operating needs – our robust Power Shuttle and our advanced Powershift
- Choose the powershift transmission for maximum operator comfort
- In “full automatic mode the Powershift transmission auto-shifts either up or down the gears, depending on speed and load, improving cycle times and simplifying road travel
- Our reliable PowerShuttle transmission is easy to operate, with a right-hand gear shift lever and convenient FNR shuttle lever.

## WORK AT ANY HOUR:



Excellent lighting for night working



4 front working lights and 4 rear working lights (on all models equipped with variable flow pump)

# WELCOME ON BOARD

## ROOMY CAB WITH EASY ACCESS

- Fully integrated loader control lever
- All loader and bucket controls are located on the joystick
- Ample storage room and a wider glove box
- Adjustable comfortable armrest
- Standard suspension or optional air ride seats
- Unbeatable comfort on rough terrain and on the road
- Excellent ventilation with partial or full opening of both front and rear side windows
- Easy cleaning due to removable floor covering and flat cab floor
- Standard heater with optional air conditioning





## TOTAL CONTROL AT YOUR FINGERTIPS

- Industry leading fully adjustable joystick control position (Pilot controls)
- Quiet working environment: cab interior 77 dB / exterior 103 dB
- Automatic “up” stabilizers
- One touch deceleration
- Easy to read gauges
- Ultra narrow boom for enhanced visibility
- All side windows open for excellent ventilation and easy communication

# LOW COST OF OWNERSHIP



## 14% FUEL SAVINGS AND ADDITIONAL COST SAVINGS

If your New Holland machine is used for 800h/year, we estimate that our new hydraulic system, including the Variable Displacement Pump, will result in average savings of up to \$1000/year. The total fuel saving with the new engine and the variable displacement pump can reach 14% versus the previous Tier 3 gear pump models.

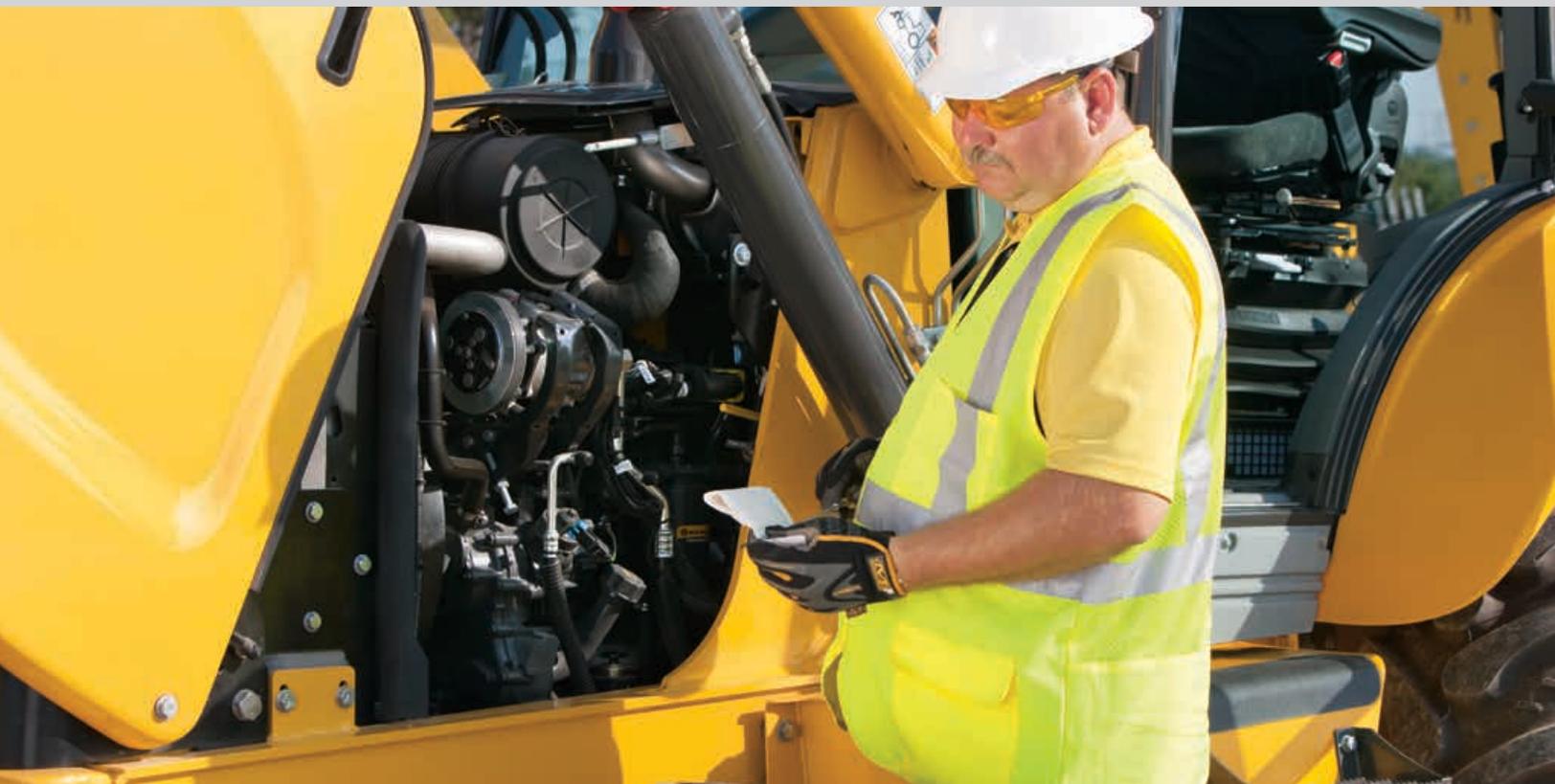
## PROTECT YOUR INVESTMENT ON SITE

- Secure hydraulic oil cap-breather
- Battery box and all compartments over vital areas are locked with one key
- Engine hood is lockable
- An anti-theft device is available as an option

## SMART DESIGN

- Rear work lights are fully adjustable straight back and to the right or left sides
- Easy to lock into transport position
- One touch auto-up stabilizers
- Best in class ground clearance





## BEST-IN-CLASS ACCESSIBILITY

- Tilting engine hood provides excellent ground-level access to the engine and service points
- The one-piece hood remains attached, unlike some competitive models with panels that are easy to lose
- Daily check and fill points are accessible from ground level and grouped together for time and cost reduction. On the machine's left side, just above the fuel tank, you can easily reach:
  - the hydraulic pressure check points
  - steering circuit
  - pilot control



## ON-BOARD DIAGNOSIS

Rapid engine diagnosis is possible with the New Holland Electronic Service Tool.

## NO SEPARATE BRAKE FLUID

Hydraulic oil is used as the brake fluid, so no need to use separate tank and no risk of using the wrong fluid.



## PROTECTED BATTERY EASY TO REACH

The battery is located in the tool box on the right side, underneath the cab. By simply opening the door it is simple to access both the battery and the master switch.

# LOWER EMISSIONS, LESS FUEL

## CLEAN ENERGY

C Series loader backhoes comply with the extremely strict Tier 4 interim regulations, dramatically cutting emissions levels, with over 90% less particulate matter (PM), or soot, and 50% less nitrogen oxide (NOx) than the previous generation.

## FUEL SAVINGS

The new Tier 4I engines provide the same power and torque as previous engines, without increasing RPM, providing fuel savings of at least 4%. In addition, when you don't use the full power of the machine, the variable flow hydraulic pump only uses the power required leading to significant extra-fuel savings and as well as reduced operating noise.

## TIER 4 INTERIM EMISSIONS SOLUTION

Tier 4 interim standards are in place now, with Tier 4 Final standards beginning in 2014. New Holland not only meets these requirements to do what's right for you and the environment, but also achieves them in a way that meets your needs for productivity, fuel efficiency and uptime. Tier 4 standards require the reduction of the main pollutants in emissions: carbon monoxide, hydrocarbons, nitrogen oxides, and particulate matter. Emissions limits are particularly focused on curbing airborne NOx and PM.



Diesel particulate filter

## HOW CEGR WITH A DIESEL PARTICULATE FILTER WORKS

Similar to Tier 3 technologies, New Holland's Tier 4I solution uses cooled exhaust gas recirculation (CEGR). When exhaust gases are recirculated, NOx levels go down due to the lower engine operating temperatures, but PM levels increase. The diesel particulate filter manages those increased PM levels by first collecting them in the filter, then burning them off during filter regeneration that occurs periodically during normal operation or when initiated by the operator. These regenerations do not limit engine performance. PM is burned off by introducing diesel fuel through an oxidation catalyst that creates heat.



# ATTACHMENT VERSATILITY

New Holland offers a complete line of attachments including augers, rakes, grapples, pallet forks, brooms, dozer blades, hammers and more to take on the toughest jobs. For more details contact your New Holland dealer.



# A TRADITION OF SOLID PERFORMANCE



**1800**, 1957-1959



**2000 LCG**, 1960-1964



**2030**, 1960-1964



**4000 LCG**, 1960-1964



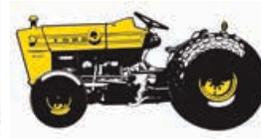
**4400**, 1965-1968



**3500/4500**, 1965-1968



**5500**, 1966-1970



**2110/4110**, 1968-1975



**3550**, 1972-1975



**6500/7500**, 1973-1975



**231/531**, 1975-1981



**335**, 1975-1978



**550**, 1975-1978



**650**, 1975-1977



**750**, 1975-1979



**555**, 1978-1984



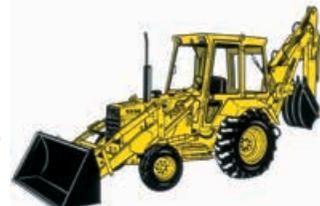
**340A/540A**, 1981-1984



**555A/555AXL**, 1984-1985



**755A**, 1984-1986



**555B**, 1985-1988



**455**, 1987-1988



**345C/445C/545C**, 1989-1992



**455C/555C/655C**, 1989-1992



**250C/260C**, 1990-1994



**LB75.B/LB90.B/LB110.B/LB115.B**, 2003-2005



**B95/B95TC/B95LR/B110/B115**, 2006-2012



**B95C/B95C TC/B95C LR/B110C**, 2012-



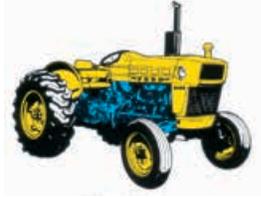
**4030, 1960-1964**



**4040, 1960-1964**



**2110/4110, 1965-1968**



**3400, 1965-1968**



**3400, 1968-1975**



**4400, 1968-1975**



**3500, 1968-1972**



**4500, 1968-1975**



**5500, 1970-1973**



**420, 1975-1978**



**515, 1975-1978**



**532, 1975-1978**



**535, 1975-1977**



**755, 1979-1984**



**340/540, 1979-1981**



**445/545, 1979-1983**



**230A/530A, 1981-1982**



**655A, 1985-1988**



**340B/540B, 1984-1988**



**445A/545A, 1984-1988**



**755B, 1987-1992**



**345D/445D/545D, 1992-2000**



**455D/555D/655D, 1992-1995**



**555E/575E/655E/675E, 1996-2000**



**LB75/LB90/LB110/LB115, 2001-2002**



**U80C, 2012-**

## C SERIES LOADER BACKHOES AND TRACTOR LOADERS

### B95C

Gross horsepower  
97 hp (72 kW)

Base unit weight  
16,008 lbs (7261 kg)

Backhoe bucket capacity  
7.5 cu ft (.21 m<sup>3</sup>)

Loader SAE heaped capacity  
1.1 cu yd (.88 m<sup>3</sup>)

### B95C TC

Gross horsepower  
97 hp (72 kW)

Base unit weight  
18,135 lbs (8226 kg)

Backhoe bucket capacity  
7.5 cu ft (.21 m<sup>3</sup>)

Loader SAE heaped capacity  
1.3 cu yd (1.0 m<sup>3</sup>)

### B95C LR

Gross horsepower  
97 hp (72 kW)

Base unit weight  
16,316 lbs (7380 kg)

Backhoe bucket capacity  
8.5 cu ft (.24 m<sup>3</sup>)

Loader SAE heaped capacity  
1.1 cu yd (.88 m<sup>3</sup>)

### B110C

Gross horsepower  
110 hp (82 kW)

Base unit weight  
16,316 lbs (7380 kg)

Backhoe bucket capacity  
8.5 cu ft (.24 m<sup>3</sup>)

Loader SAE heaped capacity  
1.3 cu yd (1.0 m<sup>3</sup>)

### U80C

Gross horsepower  
85 hp (63 kW)

Base unit weight  
9906 lbs (4493 kg)

Loader SAE heaped capacity  
1.03 cu yd (1.13 m<sup>3</sup>) Long Life Bucket  
1.04 cu yd (0.80 m<sup>3</sup>) 4 in 1 Bucket

## World Class Products Demand World Class Dealers

The purchase of a New Holland machine is just the beginning of our relationship together. Consider your experienced New Holland Construction equipment dealer as your local partner in productivity. Assistance in selecting the right model for your operation and developing an affordable leasing or financing plan through New Holland's financing division, CNH Capital, are just a few advantages your local dealer can provide.

Your New Holland dealer's full service capabilities bring you responsive support with genuine New Holland parts and all makes coverage. More importantly, we are there wherever and whenever you need us with our fully equipped service vehicles. From customized maintenance programs to professional operator and technical training, our factory-trained service and parts experts are there to assist you with any of your equipment support needs.

Your business deserves nothing less than world class product, supported by a world class business partner. That's your New Holland Construction Equipment dealer — your partner in productivity.



New Holland Construction  
700 State Street  
Racine, WI 53402  
866-726-3396 Toll Free  
262-636-6011

New Holland Construction Equipment is backed with a Limited Warranty for 1-Year/Unlimited Hours. See the Warranty and Limitation of Liability for warranty details and terms.

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place. This is a one-person machine. Never allow riders in the cab, outside the machine, or in/on any bucket or attachment.

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