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New Holland Launches New Compact Wheel Loader: a Fresh Solution for Farm Materials Handling

- *Designed for productivity: outstanding stability and manoeuvrability*
- *Designed to save time: supreme agility*
- *Superior comfort and safety*
- *Low emissions, high power, low maintenance engine technology*



PRESS RELEASE

New Holland presented the new “C Generation” compact wheel loaders at the SIMA 2015 agricultural equipment exhibition in Paris. The new series sets new standards of productivity, versatility, comfort, all with low cost of operation. The four model line-up, ranging from the 4.9 ton W50C to the 6.5 ton W80C, delivers consistently high levels of performance in every task with the powerful, highly efficient new hydraulic system. The low cab and articulated steering means the new compact wheel loaders can move with great agility around the farmyard and into low farm buildings. Operators will enjoy the superior comfort of the cab, maximizing their productivity with minimum fatigue, and they will waste no time in daily maintenance tasks, as all service points are easily accessible from the ground.

“New Holland’s new range of compact wheel loaders offers a fresh alternative to the traditional farm materials handling solutions,” stated Massimiliano Tripodi, Construction Equipment Compact Line Manager. It is a versatile, powerful and fuel efficient machine that can take care of a wide variety of jobs on cash crop, livestock and mixed farming operations as well as energy growing and biomass businesses. It will make a great addition to farm fleets across Europe.”

The New Holland compact wheel loaders, as well as other New Holland Construction products such as backhoe loaders, skid steer loaders, mini excavators and wheel loaders, will be distributed through the New Holland Agriculture dealer network. The decision to expand the product offering of the brand’s agricultural network with these ranges was taken to meet the growing demand for construction equipment machines that are very well suited for agricultural applications on European farms.

Designed for productivity: outstanding stability and manoeuvrability

The new “C Generation” is designed to maximize productivity and minimize the time needed for servicing and attachment changeover.

The optimal weight distribution enables the new compact wheel loader to handle heavy loads with efficiency and speed, always with the operator’s safety in mind. For example, at the low end of the range, the W50C TC is designed to lift up to 2,000 kg on forks on uneven surfaces.

The TC parallel linkage enables the operator to load pallets or full buckets of grain all the way to the opposite side of the truck, significantly speeding up loading operations.



The articulated joint and oscillating rear axle result in excellent stability. When the front tires are on uneven surface or hit an obstacle, there is no bucket roll motion so the full load stays in the bucket and the cab remains vertical: more productivity and greater operating comfort.

Designed to save time: supreme agility

The low cab height enables the compact wheel loader to around the farmyard with agility and makes it easy to transport. With the low cab profile under 2.5 meters and maximum width of 1.76 m, the W50C is ideal for accessing low farm buildings and narrow feed passageways. The compact dimensions and the narrow turning radius of the articulated steering system make it supremely agile and manoeuvrable.

When switching tasks, no time is wasted as changing attachments only takes a few seconds with the Connect-under-pressure system. The connectors are automatically depressurized and no hand tools are needed.

Maintenance is also very quick and easy, with all service points accessible at ground level.

Powerful versatility and control

The new hydraulic system delivers all the power needed to operate even the most power-hungry front attachment, while the Electrical Socket offers even more opportunities for applications. The High Flow option, available on the W70C and W80C, increases flow from 67 to 130 litres per minute and enables the use of powered attachments such as snow blowers or fast brooms or brush, contributing to getting the job done faster.

The new compact wheel loaders feature a 4-wheel drive hydrostatic transmission that offers a 33 km/h High Speed option on the W70C and W80C models with 2-gear mechanical gearbox. Turtle and rabbit speed can be engaged under load for maximum efficiency.

The new Inch & Brake pedal progressively disengages the transmission in the decelerating phase while progressively engaging the brakes, giving the operator millimetric control of the machine at low speeds.

The High Flow option comes with the new Creep Speed, which provides maximum hydraulic flow at constant speed in the 0 to 5.5 km/h range, ideal for tasks such as snow blowing, yard and road sweeping or track maintenance.

Superior comfort and safety

The cab of the new “C Generation” compact wheel loaders provides a comfortable and safe work environment with features such as the 10 air vents, ergonomic layout, standard tilting adjustment of the steering wheel and the Case all-in-one joystick with adjustable wrist rest.



The all-in-one joystick with proportional auxiliary control, flow memory button, float function and F-N-R switch puts all the machine's controls in the operator's hand.

The cab also comes with ROPS and FOPS Level 2 protection as standard, so that the operator can work safely with confidence.

Low emissions, high power, low maintenance engine technology

The new compact wheel loaders run a 3.4 litre, 4-cylinder turbocharged multiple injection high pressure common rail FPT Industrial engine with Waste Gate. This feature reduces drops in turbo pressure, resulting in fast engine response under load and superior turbocharger reliability.

The "C Generation" meets Tier 4 Final emissions standards with a unique maintenance free solution developed by FPT Industrial that relies on the Diesel Oxidation Catalyst (DOC) technology. The quantity of PM is reduced in the DOC through a chemical reaction, and the residual PM is trapped in the PM catalyst. When it reaches a certain quantity in the catalyst, a light passive regeneration begins automatically.



PRESS RELEASE

	W50C	W60C	W70C	W80C
Straight tipping load with Bucket	TC: 3.8 tons Z-bar: 3.9 tons	TC: 4.1 tons Z-bar: 4.1 tons	4.2 tons	4.6 tons
Fork Payload (80% FTTL)	TC: 2.1 tons Z-bar: 1.9 tons	TC: 2.2 tons Z-bar: 2.1 tons	2.2 tons	2.5 tons
Bucket size	0.7 – 1.0 m ³	0.9 – 1.1 m ³	1.0 – 1.2 m ³	1.1 – 2 m ³
Power	58 hp 43 kW	64 hp 48 kW	74 hp 55 kW	74 hp 55 kW
Max Op. Weight	5.4 ton	5.7 ton	6.0 ton	6.5 ton
Aux. Circuit	230 bar / 67 lpm @ 2500 rpm		Std flow: 230 bar / 85 lpm @2500 rpm High Flow: 230 bar / 130 lpm @2500 rpm	
Cab Height	2.46 m		2.63 m	2.68 m

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