

NEW HOLLAND TC5040



NEW HOLLAND TC5040 COMBINES STEP UP IN PERFORMANCE AND VERSATILITY

Since their introduction in 1992, thousands of customers and operators have found the TC combine range to far exceed their expectations. A next-generation compact combine with a strong heritage of innovation, the TC5040 four strawwalker model delivers best-in-class productivity, big capacity and the ability to perform in all crop conditions. Easy to operate and featuring attractive styling, a comfortable cab, low operating costs and advanced engine technology, providing solutions to strict emission regulations and fuel efficiency requirements, the TC5040 combine appeals to the demanding farmers and contractors of tomorrow.



CASCADED CLEANING SHOE

TC5040 combine has a single cascade fixed cleaning shoe with a generous 3m² of sieve area under wind control. A quality sample can be achieved with no compromise in productivity. A key design feature is the ease of adjusting the cleaning system to suit different operating conditions.



INTEGRATED STRAW CHOPPER

When you don't need straw, opt for the integrated straw chopper with reversible, serrated knives and adjustable deflectors.



THE FINEST HARVESTING QUALITY AND BIG CAPACITY

The TC5040 model delivers high productivity and best-in-class grain and straw quality. The 1.04m wide and 0.60m diameter drum coupled with the 0.62m² concave area ensures efficient and powerful threshing and separation, minimizing straw damage. The four strawwalkers are fitted with raisers and provide a five-step separation area of 4.41m² for improved separation and a smooth crop flow. The single cascade fixed cleaning shoe delivers efficient cleaning and maximum performance for all crops.



BIG TANK. FAST UNLOADING.

Fitted with an integral cover and contents level indicator, the 4000 litre grain tank has the capacity to allow extended periods of uninterrupted harvesting. The unloading auger discharges at 60 litres per second.



CONFIDENCE IN YOUR HEADER

If your header gets blocked, a cab-actuated powerful electric motor can reverse both the header and elevator.

HIGH CAPACITY GRAIN HEADERS

Choose between 3.66m and 4.57m High Capacity headers. Specifications include a quick coupler and electric reverser motor for both the header and elevator.



FIXED FIVE-ROW MAIZE HEADERS

New Holland has developed a five row maize header, purpose designed for TC5040 combines. The upgraded maize header perfectly satisfies the demands of modern maize harvesting to boost productivity and harvesting efficiency. The short points perfectly follow ground contours to prevent 'run-down' of valuable crops. Modern maize headers for modern farmers.

HARVESTING COMFORTABLY

Quiet, comfortable and offering an excellent 191 degrees of visibility, the cab on TC5040 combines is built around the demands of the operator. A multi-function lever incorporates all the header functions and excellent ergonomics make it easier and less tiring to operate the combine over extended periods. Standard features include air conditioning and turntable steps, to provide easy cab access.





MULTI-FUNCTION LEVER

Control both forward speed and your header functions with just one lever for an even quicker response to changing harvesting conditions.



HIGH OPERATOR CONFIDENCE

Information about the combine functions and the knowledge that when required an immediate reaction is easy and safe, increases the operator confidence and ensures a sustained performance. The right hand side console contains the displays, indicators and switches needed for proper operation, including the optional performance monitor which adds to the harvesting efficiency.



ERGONOMICS FOR TOP EFFICIENCY

The adjustable steering column offers up to six position settings and the steering wheel can be tilted through 30 degrees to ensure operator comfort. Hydrostatic steering provides effortless fingertip control.



QUICK RESULT CHECK

A conveniently located access door provides fast, easy sampling of harvested crop in the grain tank.

PERFORMANCE AND PRODUCTIVITY

A modern New Holland engine is the result of continuous development efforts, aiming at improved performance: more power, less weight, more compact, less noise. Lower running costs, in terms of fuel and lubricant consumption, form part of these rigorous objectives. The legendary NEF engine, the power source for the TC5040 combine models, was specified following rigorous tests and is particularly suitable for demanding combine applications.



Sustainable Efficient Technology

ECONOMIC POWER

Purpose developed for agricultural applications, the 6.8 litre six-cylinder NEF engine develops 170hp at 2100rpm, climbing to 175hp at 2000rpm. With power in reserve, this power unit is recognised as setting class leading levels of fuel economy, the 300 litre fuel tank offering ample capacity for long harvest days.

RELY ON A SUSTAINED POWER SUPPLY

The in-line cooling system fan is located between the rotary dust screen and the radiator. The self-cleaning screen eliminates chaff and large particles before the powerful 7-blade fan blows air through the radiator. The system helps eliminate radiator plugging, keeps the engine compartment clean and provides optimum cooling in all conditions.

EFFICIENT MECHANICAL ENGINE

The NEF engine on the TC5040 combine is 100% biodiesel compliant. Efficient running and environmentally friendly technology.



STRONG DRIVELINES, VERSATILE TRANSMISSIONS

TC5040 model has the proven drivelines for operation in the toughest conditions. The large drum generates high inertia and stores energy to effectively smooth-out peak loads. To eliminate torque loads, the gearbox is mounted to a heavy traction beam and drives the final reduction gearboxes through two high-speed shafts.



REDUCED MAINTENANCE COSTS

Thanks to the easy access of all major components, routine maintenance and servicing is made fast and easy. Examples are the easy access to the engine area, the hinged rotary dust screen and the highly accessible greasing points, all reducing the daily maintenance intervention time.



EVERYTHING IN ITS RIGHT PLACE

As an option, a practical toolbox can be specified, conveniently situated under the shielding, it is large enough to accommodate all the tools required for daily maintenance.

SPECIFICATIONS

MODEL	TC5040
Grain header	
Cutting width: High-Capacity grain header	(m) 3.66-4.57
Knife speed	(cuts/min.) 1150
Fast coupler	●
Maize headers	
Number of rows: Rigid maize headers	5
Hydro-pneumatic header control system	
●	
Straw elevator	
Header and elevator reverser	electrical
Cab	
Mechanically suspended seat	●
Air-conditioning / Heating	● / ○
Turnable stairs	●
Optimum cab noise level - 77/311EEC	[dB(A)] 82
Threshing drum	
Width	(m) 1.04
Diameter	(m) 0.607
Drum concave	
Area	(m ²) 0.62
Number of bars	14
Angle of wrap	(degrees) 111
Concave adjustment	manual
Strawwalkers	
Number	4
Separation area	(m ²) 4.41
Cleaning	
Total sieve area under wind control	(m ²) 3
Grain tank capacity	
	(l) 4000
Engine* FPT Industrial NEF 6.8L	
Compliance with emission level	Tier 3
Approved Biodiesel blend	B100
Injection system	mechanical
Gross power ECE R120 (2100rpm)	[kW/hp(CV)] 125/170
Maximum power ECE R120 (at 2000rpm)	[kW/hp(CV)] 129/175
Fuel tank capacity	(l) 300
Transmission	
Type	mechanical
Residue management	
Integrated straw chopper	○
Dimensions and Weight	
Minimum width (depending on the tyre size)	(mm) 2971/3315
Maximum length without header, with chopper	(mm) 8135
Weight - full option version	(kg) 8100

● Standard ○ Optional – Not available *Speed with Standard tyres

New Holland prefers **AMBRA** lubricants



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