

# CX5090 ELEVATION



# CX5090 Elevation. All crops, all farms.

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The styling of the New Holland CX5000 Elevation combine bear a strong resemblance to the New Holland flagship combine range with which they share high output levels and outstanding performance. Professional users enjoy operating a harvester that is built for the years to come, thanks to the advanced technology and a high degree of automation.

## **Excellent capacity**

New Holland CX5090 Elevation combine delivers outstanding field performance. The advanced threshing design and cleaning mechanism provides a superior throughput allowing impressive forward speeds and daily output. Overall cleaning capacity has been greatly enhanced thanks to the innovative Triple-Clean™ cascaded system, which can provide a 15% increase in performance across the cleaning shoe.

## **Great harvest quality**

A clean, un-damaged grain sample and straw quality in line with customer requirements are guaranteed by effortlessly fine tuning the combine's many settings.

## **Best-in-class versatility**

Crop-to-crop flexibility has never been better thanks to New Holland's advanced concave design furthermore, an easy to use choice of crop-specific settings fine tune a CX Elevation combine for optimum performance in any crop or crop condition. A wide choice of grain headers and row crop attachments ensure maximum combine versatility.

## **Ease of operation**

Simple automation of all basic combine functions adds to the operator's peace of mind. The overall comfort of the Discovery™ III cab enhances operator alertness while reducing the need for excessive concentration during the longest working days.



## SPECIFICATIONS

Model		CX5090 Elevation
<b>Grain header</b>		
Cutting width: High-Capacity grain header	(m)	4.57 - 7.32****
Extra-Capacity grain header	(m)	4.88 - 7.62****
Varifeed™ grain header (500mm of knife travel)	(m)	5.18 - 7.32
High-Capacity Hillside grain header	(m)	4.57 - 6.10
Knife speed	(cuts/min.)	1150
Spare knife and spare bolted knife sections		●
Feeding auger with full-width retractable fingers		●
Reel diameter	(m)	1.07
Electro-hydraulic reel position adjustment		●
Automatic reel speed synchronisation to forward speed		●
Hydraulic quick coupler (single location)		●
<b>Maize headers</b>		
Flip-up maize headers	(number of rows)	6**** - 8*****
Rigid maize headers	(number of rows)	5*** - 6 - 8*****
Remotely adjusted deck-plates		●
Integrated stalk choppers		○
Rotary dividers		○
Automatic row guidance		○
<b>Automatic header control systems</b>		
Stubble height control		automatic
Compensation		●
Autofloat™ II system		●
<b>Straw elevator</b>		
Number of chains		3
Header and elevator reverser		hydraulic****
Lateral flotation		●
<b>Discovery™ III cab</b>		
Air-suspension seat		○
Instructor's seat with removable coolbox (12V/220V)		●
IntelliView™ IV monitor		●
CommandGrip™ handle		●
Up to 3 viewing camera's		○
Automatic crop settings		●
Air-conditioning		●
Automatic climate control		○
Heating		○
Optimum cab noise level - 77/311EEC	(dB(A))	76
<b>New Holland Precision Land Management systems</b>		
<b>Guidance systems</b>		
SmartSteer™ automatic guidance system factory fitted		○
EZ-Guide 250 or FM750 with EZ-Pilot guidance system		○
Cruise control mode		●
Automatic row guidance system for maize headers		○
<b>Precision farming</b>		
Moisture measuring		○
Yield measuring and moisture measuring		○
Full Precision farming package including: yield measuring and moisture measuring, DGPS yield mapping, desktop software and software support service		○
<b>Threshing drum</b>		
Width	(m)	1.3
Diameter	(m)	0.6
Standard type / Universal type		● / ○
Number of bars		8
Speed range	(rpm)	400 - 1140
Optional drum speed reductor	(rpm)	240 - 685
<b>Drum concave</b>		
Quick-change sectional concave		●
Area	(m²)	0.86
Number of bars		14
Angle of wrap Opti-Thresh™ system open	(°)	85
Angle of wrap Opti-Thresh™ system closed	(°)	121

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<b>Beater</b>		
Four paddle / pins beater drum		● / ○
Diameter	(m)	0.395
Beater concave area	(m <sup>2</sup> )	0.286
Synchronisation with drum speed		●
<b>Rotary Separator</b>		
Diameter	(m)	0.59
Speed	(rpm)	400 / 760
Quick speed change without tools		●
Concave area (including rake)	(m <sup>2</sup> )	0.84
Multi-Threshold™ system		●
Total powered separation area	(m <sup>2</sup> )	1.988
Straw Flow™ beater		○
<b>Strawwalkers</b>		
Number		5
Separation area	(m <sup>2</sup> )	5.38
<b>Cleaning</b>		
Triple-Clean™ cascade system		●
Smart Sieve™ self levelling; cleaning system automatic kernel size adaptation		○****
Side slope correction on Pre- and Top sieve	(%)	25
Grainpan removable from front on fix cleaning shoe		○
Grainpan removable from front on Smart Sieve™ cleaning shoe		●
Pre-cleaning system		●
Total area under wind control FS	(m <sup>2</sup> )	4.321
Remote control sieve setting		○
<b>Levelling system</b>		
Optional Laterale Slope Levelling system (Side-Hill)	(%)	18
Wide Hillside Levelling system (Side-Hill, Up-Hill, Down-Hill) - overall width = 4.0m	(%)	38 / 30 / 10
Narrow Hillside Levelling system (Side-Hill, Up-Hill, Down-Hill) - overall width = 3.5m	(%)	33 / 30 / 10
<b>Cleaning fan</b>		
Opti-Fan™ system		●
Number of blades		6
Variable speed range - Optional low	(rpm)	165 - 420
- Standard high	(rpm)	400 - 1000
Electrical speed adjustment from the cab		●
<b>Return system</b>		
High capacity grain elevator back to drum		●
Returns indication on IntelliView™ III monitor		●
<b>Grain elevator</b>		
High capacity grain elevator with heavy duty chain & flaps		●
<b>Grain tank</b>		
Capacity	(l)	8300
Central filling, folding bubble-up extension		●
<b>Unloading auger</b>		
Overtop unloading tube (4.75m)		●
Overtop unloading tube (5.50m)		○
Unloading speed / Hillside version	(l/s)	100 / 90
Grain sample inspection door		●
Grain tank fill warning device		●
Unloading auger swivel reach	(°)	105
<b>Engine* compliant with Tier 4A/ Stage 3B emission regulations</b>		
ECObLue™ SCR system (Selective Catalytic Reduction)		●
Injection system		common rail
Gross engine power @ 2100rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	200/272
Maximum engine power @ 2000rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	220/300
Approved biodiesel blend**		B20
Governor type		electronic
Fuel consumption measuring and read-out on IntelliView™ III monitor		●
Air compressor and air gun		○
Rotary dust screen blow off system		○
<b>Fuel tanks</b>		
Diesel capacity / AdBlue capacity	(l)	670 / 110
<b>Transmission</b>		
Gearbox		hydrostatic
Hydrostatic hytron pump control		3-speed
In-line gearshifting		electronic
Cruise control mode		●
Differential lock		○***
Powered rear wheels		○
Maximum speed	(kph)	30
<b>Residue management</b>		
Dual-Chop™ straw chopper		○
Remote adjustable deflectors		○
Adjustable chaff spreader		○
<b>Dimensions</b>		
With traction wheels (*****)		710/75-R34
Maximum height in transport position	(m)	3990****
Maximum width - transport	(m)	3265****/*****
Maximum length with extended unloading tube without header	(m)	8760
<b>Weight</b>		
Standard version less header and less straw chopper	(kg)	12400
Hillside version less header and less straw chopper	(kg)	14000
Laterale version less header and less straw chopper	(kg)	13900

● Standard ○ Optional - Not available \*Developed by FPT Industrial \*\*Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines \*\*\*Not available on Laterale versions \*\*\*\*Not available on Hillside version \*\*\*\*\*Traction wheels other than those mentioned are also available, depending on the market (620/75-R30; 320/75-R34; 710/75-R34; 800/65-R32; 900/60-R32; 30.5x32; 1050/50-R32) \*\*\*\*\*Only in combination with specific tyre size and on flat field conditions



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