

# INTRODUCING New Holland CX8000 Series Super Conventional Combines



Models:	CX8070	CX8080	CX8090
Horsepower:	322	350	400
Capacity:	295 bu.	330 bu.	330 bu.



**New Holland CX8000 Combines are backed by 100 years of factory production knowledge and more than 40 years of conventional combine experience.**

- **CX8000 Super Conventional** combines offer a whole new level of performance, convenience, comfort and overall productivity.
- **The ultra-quiet CX Harvest Suite™** cab offers more room, fingertip controls and excellent header and stubble visibility.
- **Large diameter threshing cylinder**, beater and the exclusive rotary separator along with increased concave wrap promotes ultra-fast threshing and separation for unmatched capacity with less grain damage.
- **Best in class feeder/header reverser system.** Operate the system in either forward or reverse independent of the threshing unit. Enables the operator to work slugs into the cylinder in a controlled manner.
- **Standard SLS Self-leveling cleaning system** uses an active grain pan with no dividers to allow grain to self level for maximum cleaning system efficiency on flat ground as well as slopes up to 17%.
- **Fully integrated Precision Land Management (PLM)** system is optional.
- **21' or 24' unloading auger** for unloading with large header with a **fast 3.2 bu./sec.** unloading rate on all models adds to overall productivity.
- **Easy service** with no daily lubrication required.
- **Quick and easy header attachment system.**
- **IntelliView™ II and IntelliView™ Plus II** color performance monitors.

# CX8000 Series Super Conventional Combine Specifications Preliminary

MODEL	CX8070	CX8080	CX8090
<b>Engine</b>	4-stroke, 6 cylinder New Holland turbo diesel		
Displacement	9.0 L	9.0 L	10.3 L
SAE hp at 2100 rpm	322 hp	350 hp	400 hp
Fuel tank capacity	200 gal. (750L)	265 gal. (1000L)	265 gal. (1000L)
Grain tank capacity	290 bu. (10,220 L)	330 bu. (11,630 L)	330 bu. (11,630 L)
<b>Transmissions</b>	Hydrostatic drive, 4-speed gearbox		
<b>Harvest Suite™ cab</b>			
Glass area	62.3 sq. ft. (5.8 sq. m)	62.3 sq. ft. (5.8 sq. m)	62.3 sq. ft. (5.8 sq. m)
Cab volume	110 cu. ft. (3.12 cu. m)	110 cu. ft. (3.12 cu. m)	110 cu. ft. (3.12 cu. m)
<b>Feeder house</b>			
Width	62" (1.58 m)	62" (1.58 m)	62" (1.58 m)
Number of chains	4	4	4
Hydraulic feeder/reverser	Standard	Standard	Standard
<b>Threshing cylinder</b>	Std. Cylinder (Pressed Steel Spiders) or Opt. Universal Cylinder (Cast Spiders)		
Diameter	29.5" (750 mm)	29.5" (750 mm)	29.5" (750 mm)
Width	62" (1.58 m)	62" (1.58 m)	62" (1.58 m)
Number of bars	10	10	10
Speed range	305-905 rpm	305-905 rpm	305-905 rpm
<b>Concave</b>			
Number of bars	16	16	16
Angle of wrap	111°	111°	111°
Width	62" (1.58 m)	62" (1.58 m)	62" (1.58 m)
Area	1,829 sq. in. (1.18 sq. m)	1,829 sq. in. (1.18 sq. m)	1,829 sq. in. (1.18 sq. m)
Adjustment from cab	12 electrical settings	12 electrical settings	12 electrical settings
De-awning plates	Two, fitted to concave, individual adjustment		
<b>Beater</b>			
Drum-type	8 blades	8 blades	8 blades
Speed	1:1 of threshing cylinder, 305 to 905 rpm		
Diameter	18.75" (475 mm)	18.75" (475 mm)	18.75" (475 mm)
Beater concave area	450 sq. in. (.29 sq. m). Concave adjustable to two positions		
<b>Rotary separator</b>			
Width	62" (1.58 m)	62" (1.58 m)	62" (1.58 m)
Diameter	28" (720 mm)	28" (720 mm)	28" (720 mm)
Number of paddle bars	12 paddle bars	12 paddle bars	12 paddle bars
Speed	323/630 rpm. Quick speed change without tools		
Concave area	1,441 sq. in. (.93 sq. m). Concave adjustable to two positions		
<b>Straw flow beater</b>			
Diameter	12.5" (315 mm)	12.5" (315 mm)	12.5" (315 mm)
Number of blades	4	4	4
Speed	1144 rpm	1144 rpm	1144 rpm
<b>Straw walkers</b>			
Number	6	6	6
Length	144.5" (3.67 m)	144.5" (3.67 m)	144.5" (3.67 m)
Total straw walker area	9,192 sq. in. (5.93 sq. m)	9,192 sq. in. (5.93 sq. m)	9,192 sq. in. (5.93 sq. m)
Shaft speed	215 rpm	215 rpm	215 rpm
Total separating area	11,082 sq. in. (7.15 sq. m)	11,082 sq. in. (7.15 sq. m)	11,082 sq. in. (7.15 sq. m)
<b>Cleaning system</b>	Self-leveling cleaning shoe w/ automatic leveling on slopes up to 17%		
Grain pan with no dividers, length	68" (1730 mm)	68" (1730 mm)	68" (1730 mm)
Area	4,236 sq. in. (2.73 sq. m)	4,236 sq. in. (2.73 sq. m)	4,236 sq. in. (2.73 sq. m)
Pre-cleaning sieve area	2,207 sq. in. (1.42 sq. m)	2,207 sq. in. (1.42 sq. m)	2,207 sq. in. (1.42 sq. m)
Top sieve area	3,540 sq. in. (2.28 sq. m)	3,540 sq. in. (2.28 sq. m)	3,540 sq. in. (2.28 sq. m)
Lower sieve area	3,540 sq. in. (2.28 sq. m)	3,540 sq. in. (2.28 sq. m)	3,540 sq. in. (2.28 sq. m)
Extensions (Rake, Fingers, etc.)	788 sq. in. (.51 sq. m)	788 sq. in. (.51 sq. m)	788 sq. in. (.51 sq. m)
Total cleaning sieve area under wind control	10,075 sq. in. (6.5 sq. m)	10,075 sq. in. (6.5 sq. m)	10,075 sq. in. (6.5 sq. m)
<b>Cleaning fan</b>			
Number of blades	6	6	6
Speed range	Variable from 475 to 900 rpm, electrical adjustment from cab		
<b>Unloading auger</b>	Over the top turret style with 105° positioning		
Unloading speed	3.2 bu/sec (112 L/sec)	3.2 bu/sec (112 L/sec)	3.2 bu/sec (112 L/sec)
Unloading auger discharge length	21ft. (6.4 m) Std. or 24ft. (7.3 m) Opt.		
<b>Dimensions</b>			
Maximum height			
(w/ 900/60 R32 drive tires/whls)	13' (3.96 m)	13' (3.96 m)	13' (3.96 m)
Maximum width (w/ 900/60 R32 dished out)	14.42' (4.395 m)	14.42' (4.395 m)	14.42' (4.395 m)
(w/ 900/60 R32 dished in)	13' (3.96 m)	13' (3.96 m)	13' (3.96 m)
Maximum length (w/ feeder totally raised)			
(to end of straw chopper deflectors)	29.7' (9.05 m)	29.7' (9.05 m)	29.7' (9.05 m)
(to end of unloading tube)	32.7' (9.97 m)	32.7' (9.97 m)	32.7' (9.97 m)
<b>Weight</b>			
Standard version without header	33,950 lb.* (15400 kg)	34,171 lb.* (15500 kg)	34,832 lb.* (15800 kg)

\* varies significantly with machine configurations

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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.

