



New Holland CX8000 Series Super Conventional Combines
TECHNICAL SPECIFICATIONS

	CX8070	CX8080	CX8090
Beater			
Drum-type	8 blades	8 blades	8 blades
Speed	1:1 of threshing cylinder, 305 to 905 rpm	1:1 of threshing cylinder, 305 to 905 rpm	1:1 of threshing cylinder, 305 to 905 rpm
Diameter, in. (mm)	18.75 (475)	18.75 (475)	18.75 (475)
Beater concave area, sq. in. (sq. m)	450 (.29), Concave adjustable to two positions	450 (.29), Concave adjustable to two positions	450 (.29), Concave adjustable to two positions
Cleaning			
Cleaning system	Self-leveling cleaning shoe w/ automatic leveling on slopes up to 17%	Self-leveling cleaning shoe w/ automatic leveling on slopes up to 17%	Self-leveling cleaning shoe w/ automatic leveling on slopes up to 17%
Grain pan with no dividers, length, in. (mm)	68 (1730)	68 (1730)	68 (1730)
Area, sq. in. (sq. m)	4,236 (2.73)	4,236 (2.73)	4,236 (2.73)
Pre-cleaning sieve area, sq. in. (sq. m)	2,207 (1.42)	2,207 (1.42)	2,207 (1.42)
Top sieve area, sq. in. (sq. m)	3,540 (2.28)	3,540 (2.28)	3,540 (2.28)
Lower sieve area, sq. in. (sq. m)	3,540 (2.28)	3,540 (2.28)	3,540 (2.28)
Extensions (rake, fingers, etc.), sq. in. (sq. m)	788 (.51)	788 (.51)	788 (.51)
Total cleaning sieve area under wind control, sq. in. (sq. m)	10,075 (6.5)	10,075 (6.5)	10,075 (6.5)
Cleaning Fan			
Number of blades	6	6	6
Speed range	Variable from 475 to 900 rpm, electrical adjustment from cab	Variable from 475 to 900 rpm, electrical adjustment from cab	Variable from 475 to 900 rpm, electrical adjustment from cab
Concave			
Number of bars	16	16	16
Angle of wrap, degrees	111	111	111
Width, in. (m)	62 (1.58)	62 (1.58)	62 (1.58)
Area, sq. in. (sq. m)	1,829	1,829	1,829
Adjustment from cab	12 electrical settings	12 electrical settings	12 electrical settings
De-awning plates	Two, fitted to concave, individual adjustment	Two, fitted to concave, individual adjustment	Two, fitted to concave, individual adjustment
Dimensions			
Maximum height (w/ 900/60 R32 drive tires/whls), ft. (m)	13 (3.96)	13 (3.96)	13 (3.96)
Maximum width, ft. (m)			
---(w/ 900/60 R32 dished out)	14.42 (4.395)	14.42 (4.395)	14.42 (4.395)
---(w/ 900/60 R32 dished in)	13 (3.96)	13 (3.96)	13 (3.96)



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Maximum length (w/ feeder totally raised), ft. (m)			
---(to end of straw chopper deflectors)	29.7 (9.05)	29.7 (9.05)	29.7 (9.05)
---(to end of unloading tube)	32.7 (9.97)	32.7 (9.97)	32.7 (9.97)
Engine			
Engine	4-stroke, 6 cylinder New Holland turbo diesel	4-stroke, 6 cylinder New Holland turbo diesel	4-stroke, 6 cylinder New Holland turbo diesel
Displacement, cu. in. (L)	549 (9.0)	549 (9.0)	629 (10.3)
SAE horsepower @ 2100 rpm (kW)	322 (240)	350 (261)	400 (298)
Fuel tank capacity, gal. (L)	200 (750)	265 (1000)	265 (1000)
Grain tank capacity, bu. (L)	290 (10,220)	330 (11,630)	330 (11,630)
Feeder House			
Width, in. (m)	62 (1.58)	62 (1.58)	62 (1.58)
Number of chains	4	4	4
Hydraulic feeder/reverser	●	●	●
Harvest Suite™ Cab			
Glass area, sq. ft. (sq. m)	62.3 (5.8)	62.3 (5.8)	62.3 (5.8)
Cab volume, cu. ft. (cu. m)	110 (3.12)	110 (3.12)	110 (3.12)
Rotary Separator			
Width, in. (m)	62 (1.58)	62 (1.58)	62 (1.58)
Diameter, in. (mm)	28 (720)	28 (720)	28 (720)
Number of paddle bars	12	12	12
Speed	323/630 rpm. Quick speed change without tools	323/630 rpm. Quick speed change without tools	323/630 rpm. Quick speed change without tools
Concave area, sq. in. (sq. m)	1,441 (.93), Concave adjustable to two positions	1,441 (.93), Concave adjustable to two positions	1,441 (.93), Concave adjustable to two positions
Straw Flow Beater			
Diameter, in. (mm)	12.5 (315)	12.5 (315)	12.5 (315)
Number of blades	4	4	4
Speed, rpm	1144	1144	1144
Straw Walkers			
Number	6	6	6
Length, in. (m)	144.5 (3.67)	144.5 (3.67)	144.5 (3.67)
Total straw walker area, sq. in. (sq. m)	9,192 (5.93)	9,192 (5.93)	9,192 (5.93)
Shaft speed, rpm	215	215	215
Total separating area, sq. in. (sq. m)	11,082 (7.15)	11,082 (7.15)	11,082 (7.15)
Threshing Cylinder			
Threshing Cylinder	Std. cylinder (pressed steel spiders) or Opt. universal cylinder	Std. cylinder (pressed steel spiders) or Opt. universal cylinder	Std. cylinder (pressed steel spiders) or Opt. universal cylinder



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	(cast spiders)	(cast spiders)	(cast spiders)
Diameter, in. (mm)	29.5 (750)	29.5 (750)	29.5 (750)
Width, in. (m)	62 (1.58)	62 (1.58)	62 (1.58)
Number of bars	10	10	10
Speed range, rpm	305-905	305-905	305-905
Transmissions			
Transmissions	Hydrostatic drive, 4-speed gearbox	Hydrostatic drive, 4-speed gearbox	Hydrostatic drive, 4-speed gearbox
Unloading Auger			
Unloading Auger	Over the top turret style with 105° positioning	Over the top turret style with 105° positioning	Over the top turret style with 105° positioning
Unloading speed, bu/sec (L/sec)	3.2 (112)	3.2 (112)	3.2 (112)
Unloading auger discharge length, ft. (m)	21 (6.4) Std. or 24 (7.3) Opt	21 (6.4) Std. or 24 (7.3) Opt	21 (6.4) Std. or 24 (7.3) Opt
Weight			
Standard version without header, lb. (kg)	33,950 (15,400)**	34,171 (15,500)**	34,832 (15,800)**

See product brochure for full specifications and options.