

New Holland CX8000 Series Super Conventional Combine Specifications



CX8070 CX8080 CX8090

MODEL	CX8070	CX8080	CX8090
ENGINE4-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)
TRANSMISSIONSHydrostatic drive, 4-speed gearbox.....			
HARVEST SUITE™ CAB			
Glass area, sq. ft. (sq. m)		62.3 (5.8)	
Cab volume, cu. ft. (cu. m)		110 (3.12)	
FEEDER HOUSE			
Width, in. (m)		62 (1.58)	
Number of chains		4	
Hydraulic feeder/reverser		Standard	
THRESHING CYLINDERStd. cylinder (pressed steel spiders) or Opt. universal cylinder (cast spiders).....			
Diameter, in. (mm)		29.5 (750)	
Width, in. (m)		62 (1.58)	
Number of bars		10	
Speed range, rpm		305-905	
CONCAVE			
Number of bars		16	
Angle of wrap, degrees		111	
Width, in. (m)		62 (1.58)	
Area, sq. in. (sq. m)		1,829	
Adjustment from cab		12 electrical settings	
De-awning plates		Two, fitted to concave, individual adjustment	
BEATER			
Drum-type		8 blades	
Speed		1:1 of threshing cylinder, 305 to 905 rpm	
Diameter, in. (mm)		18.75 (475)	
Beater concave area, sq. in. (sq. m)		450 (.29)..Concave adjustable to two positions	
ROTARY SEPARATOR			
Width, in. (m)		62 (1.58)	
Diameter, in. (mm)		28 (720)	
Number of paddle bars		12	
Speed		323/630 rpm. Quick speed change without tools	
Concave area, sq. in. (sq. m)		1,441 (.93)..Concave adjustable to two positions	
STRAW FLOW BEATER			
Diameter, in. (mm)		12.5 (315)	
Number of blades		4	
Speed, rpm		1144	
STRAW WALKERS			
Number		6	
Length, in. (m)		144.5 (3.67)	
Total straw walker area, sq. in. (sq. m)		9,192 (5.93)	
Shaft speed, rpm		215	
Total separating area, sq. in. (sq. m)		11,082 (7.15)	

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Cleaning system	Self-leveling cleaning shoe w/ automatic leveling on slopes up to 17%		
Grain pan with no dividers, length, in. (mm)	68 (1730)		
Area, sq. in. (sq. m)	4,236 (2.73)		
Pre-cleaning sieve area, sq. in. (sq. m)	2,207 (1.42)		
Top sieve area, sq. in. (sq. m)	3,540 (2.28)		
Lower sieve area, sq. in. (sq. m)	3,540 (2.28)		
Extensions (rake, fingers, etc.), sq. in. (sq. m)	788 (.51)		
Total cleaning sieve area under wind control, sq. in. (sq. m)	10,075 (6.5)		

CLEANING FAN

Number of blades	6		
Speed range	Variable from 475 to 900 rpm, electrical adjustment from cab		

UNLOADING AUGER

	Over the top turret style with 105° positioning		
Unloading speed, bu/sec (L/sec)	3.2 (112)		
Unloading auger discharge length, ft. (m)	21 (6.4) Std. or 24 (7.3) Opt.		

DIMENSIONS

Maximum height (w/ 900/60 R32 drive tires/whls), ft. (m)	13 (3.96)		
Maximum width, ft. (m)			
(w/ 900/60 R32 dished out)	14.42 (4.395)		
(w/ 900/60 R32 dished in)	13 (3.96)		
Maximum length (w/ feeder totally raised), ft. (m)			
(to end of straw chopper deflectors)	29.7 (9.05)		
(to end of unloading tube)	32.7 (9.97)		

WEIGHT

Standard version without header, lb. (kg)	33,950* (15,400)	34,171* (15,500)	34,832* (15,800)
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* varies significantly with machine configurations

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Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



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.