

# New Holland Discbine<sup>®</sup> Disc Mower-Conditioner Specifications



H7220 H7320 H7230 H7330

MODEL	H7220	H7320	H7230	H7330
<b>MOWMAX™ CUTTERBAR WITH SHOCKPRO™ HUBS</b>				
Number of discs	7	7	8	8
Number of knives	14 (2 per disc)	14 (2 per disc)	16 (2 per disc)	16 (2 per disc)
Speed, rpm	3000	3000	3000	3000
Cutting width, ft. in. (mm)	9' 2" (2800)	9' 2" (2800)	10' 4" (3160)	10' 4" (3160)
Cutting angle	.....2 to 10 degrees, mechanical or hydraulic control.....		.....2 to 10 degrees hydraulic control .....	
Cutting height, in. (mm)	.....0.95 to 3.2 (24 to 81) with standard skid shoes.....			
Ground clearance with header fully raised, in. (mm)	17 (432)	17 (432)	18 (457)	17 (432)
Flotation	.....Vertical and lateral, adjustable springs .....			
<b>MATERIAL DISCHARGE</b>				
Swath, ft. (mm)	6 (1829)	6 (1829)	7 (2134)	7 (2134)
Windrow, ft. (mm)	.....Adjustable from 3 to 6 (914 to 1829).....		.....Adjustable from 3 to 7 (914 to 2134) .....	
<b>HYDRAULICS</b>				
Hydraulic swing	.....Standard (double-acting cylinder).....			
Hydraulic lift	.....Standard (operated by two single-acting cylinders; master/slave).....			
Hydraulic tilt	.....Optional (operated by single-acting cylinder and ..... incorporated into the lift system)		.....Standard (operated by single-acting cylinder and ..... incorporated into the lift system)	
<b>CONDITIONER</b>				
Type	Chevron-design intermeshing molded rubber rolls	Flail rotor with 90 tapered flails and optional textured hood liner	Chevron-design intermeshing molded rubber rolls	Flail system with 102 tapered flails and optional textured hood liner
Length, in. (mm)	90 (2286)	90 (2286)	102 (2591)	102 (2591)
Diameter, in. (mm)	10.4 (264)	22 (560)	10.4 (264)	22 (560)
Drive	4 HB V-belt and enclosed gears	4 HB V-belt	4 HB V-belt and enclosed gears	4 HB V-belt
Speed, rpm	647	1016 std. or optional 730	635	1000 std. or optional 718
Conditioner adjustment	Single crank adjustable roll pressure and two stop bolts to adjust roll gap	Adjustable rotor hood with replaceable smooth liner	Single crank adjustable roll pressure and two stop bolts to adjust roll gap	Adjustable rotor hood with replaceable smooth liner
<b>SPEEDS</b>				
Operating, mph (kph)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)
Transport, mph (kph)	20 (32)	20 (32)	20 (32)	20 (32)
<b>TUBELESS AG RIB IMPLEMENT TIRES</b>				
Size	9.5L x 14 6PR	9.5L x 14 6PR	11L x 15 6PR	9.5L x 14 6PR

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MODEL	H7220	H7320	H7230	H7330
<b>DIMENSIONS</b>				
Height, transport, ft. in. (m)	5' 8" (1.7)	5' 8" (1.7)	5' 8" (1.7)	5' 8" (1.7)
Height, operating, ft. in. (m)	4' 5" (1.3)	4' 5" (1.3)	4' 5" (1.3)	4' 5" (1.3)
Width, transport, ft. in. (m)	.....9' 11" (3.0) with standard drawbar hitch .....		.....11' 3" (3.4) with standard drawbar hitch .....	
Width, operating, ft. in. (m)	.....14' 10" (4.52) with standard drawbar hitch .....		.....16' 0" (4.6) with standard drawbar hitch .....	
Length, transport, ft. in. (m)	.....17' 7" (5.3) with standard drawbar hitch .....		.....17' 7" (5.3) with standard drawbar hitch .....	
Length, operating, ft. in. (m)	17' 2" (5.2) with standard drawbar hitch	17' 2" (5.2) with standard drawbar hitch	17' 2" (5.2) with standard drawbar hitch	17' 8" (5.4) with standard drawbar hitch
Weight, operating lbs. (kg)	3,690 (1674)	3,740 (1696)	4,165 (1889)	4,065 (1844)

NOTE: Rear curtain up for transport position on flail units. Windrow shields out for field and transport positions on flail and roll units.

**DRIVE** .....540 rpm PTO, enclosed gears and four HB belt..... .....540 or 1000 rpm PTO, enclosed gears and four HB belt.....

**DRIVE PROTECTION** .....Slip clutch and over-running clutch.....

**TRACTOR REQUIREMENT**  
 .....65 PTO hp (48 kW) or greater with standard ..... 80 PTO hp (60 kW) or greater with standard .....  
 ASAE Category II and III drawbar. ASAE Category II and III drawbar.  
 .....All models require two remote hydraulic valves capable of 1500 psi (10343 kPa), 7-pin SAE J560 connector for transport lights .....

# New Holland Discbine<sup>®</sup> Disc Mower-Conditioner Specifications



H7450 H7550 H7460 H7560

MODEL	H7450	H7550	H7460	H7560
<b>MOWMAX™ CUTTERBAR WITH SHOCKPRO™ HUBS</b>				
Number of discs	10	10	12	12
Number of knives	20 (2 per disc)	20 (2 per disc)	24 (2 per disc)	24 (2 per disc)
Speed, rpm	3000	3000	3000	3000
Cutting width, ft. in. (mm)	13 (3960)	13 (3960)	15' 7" (4795)	15' 7" (4795)
Cutting angle	2 to 10 degrees, hydraulic control			
Cutting height, in. (mm)	0.95 to 3.2 (24 to 81) with standard skid shoes			
Ground clearance with header fully raised, in. (mm)	18 (457)	18 (457)	18 (457)	18 (457)
Flotation	Vertical and lateral, adjustable springs			
<b>MATERIAL DISCHARGE</b>				
Swath, ft. (mm)	8 (2438)	8 (2438)	8 (2438)	8 (2438)
Windrow, ft. (mm)	Adjustable from 3 to 8 (914 to 2438)			
<b>HYDRAULICS</b>				
Hydraulic swing	Standard (double-acting cylinder)			
Hydraulic lift	Standard (operated by two single-acting cylinders; master/slave)			
Hydraulic tilt	Standard (operated by single-acting cylinder and incorporated into the lift system)			
<b>CONDITIONER</b>				
Type	Chevron-design intermeshing molded rubber rolls hood liner	Flail system with 102 tapered flails and optional textured	Chevron-design intermeshing molded rubber rolls	Flail system with 102 tapered flails and optional textured hood liner
Length, in. (mm)	102 (2591)	102 (2591)	102 (2591)	102 (2591)
Diameter, in. (mm)	10.4 (264)	22 (560)	10.4 (264)	22 (560)
Diameter, in. (mm)	4 HB V-belt and enclosed gears	4 HB V-belt	4 HB V-belt and enclosed gears	4 HB V-belt
Speed, rpm	740	1011 std. or optional 726	740	1000 std. or optional 726
Conditioner adjustment	Single crank adjustable roll pressure and two stop bolts to adjust roll gap	Adjustable rotor hood with replaceable smooth liner	Single crank adjustable roll pressure and two stop bolts to adjust roll gap	Adjustable rotor hood with replaceable smooth liner
<b>SPEEDS</b>				
Operating, mph (kph)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)	0 to 9 (0 to 14.5)
Transport, mph (kph)	20 (32)	20 (32)	20 (32)	20 (32)
<b>TUBELESS AG RIB IMPLEMENT TIRES</b>				
Size	31 x 13.5-15	31 x 13.5-15	31 x 13.5-15	31 x 13.5-15

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MODEL	H7450	H7550	H7460	H7560
<b>DIMENSIONS</b>				
Height, transport, ft. in. (m)	6' 8" (2.6)	6' 8" (2.6)	6' 8" (2.6)	6' 8" (2.6)
Height, operating, ft. in. (m)	5' 8" (1.7)	5' 8" (1.7)	5' 8" (1.7)	5' 8" (1.7)
Width, transport, ft. in. (m)	.....13' 2" (4.0) with standard drawbar hitch, 2-pt ..... swivel hitch or drawbar swivel hitch		....15' 9" (4.8) with 2-pt swivel hitch or drawbar swivel hitch.....	
Width, operating, ft. in. (m)	.....19' 5" (5.9) with standard drawbar hitch ..... .....21' 3" (6.5) with 2-pt swivel hitch..... .....19' 7" (5.9) with drawbar swivel hitch .....		.....24' 11" (7.6) with 2-pt swivel hitch ..... .....23' 3" (7.1) with drawbar swivel hitch .....	
Length, transport, ft. in. (m)	.....24' 7" (7.2) with standard drawbar hitch ..... .....26' 5" (8.1) with 2-pt swivel hitch..... .....25' 5" (7.4) with drawbar swivel hitch .....		.....30' 5" (9.3) with 2-pt swivel hitch ..... .....29' 5 in. (8.7) with drawbar swivel hitch ..... .....25' 2" (7.7) with 2-pt swivel hitch .....	
	20' 2" (5.8) w/std drawbar hitch	20' 8" (6.3) w/std drawbar hitch		
	22' 1" (6.7) w/2-pt swivel hitch	22' 7" (6.9) w/2-pt swivel hitch		
	21' 1" (6.1) w/drawbar swivel hitch	21' 7" (6.6) w/drawbar swivel hitch		
Weight, operating lbs. (kg)	5,800 (2631)	5,680 (2576)	6,500 (2948)	6,380 (2894)

NOTE: Rear curtain up for transport position on flail units. Windrow shields out for field and transport positions on flail and roll units.

**DRIVE**.....1000 rpm PTO, enclosed gears and four HB belt.....

**DRIVE PROTECTION**.....Slip clutch and over-running clutch.....

**TRACTOR REQUIREMENT**  
 .....90 PTO hp (67 kW) or greater with standard Category II .....  
 and III drawbar or Category III 3-point hitch.  
 .....100 PTO hp (74.5 kW) or greater with Category III.....  
 drawbar or Category III 3-point hitch.  
 .....All models require two remote hydraulic valves capable of 1500 psi (10343 kPa), 7-pin SAE J560 connector for transport lights .....

Visit our Web site at [www.newholland.com/na](http://www.newholland.com/na). Or, call toll-free **866-NEW-HLND (866-639-4563)**.

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