

# DISC MOWERS

DuraDisc™ Heavy-duty 107M | 108M | 109M | 210M  
HM Series Economy HM234 | HM235 | HM236



# Dependable, clean cutting with time-saving convenience.

Forage quality directly influences livestock weight gain and milk production. Maximize the return of your hay field with improved forage quality and tonnage by choosing the clean, uniform cut that begins at the MowMax™ cutterbar of New Holland DuraDisc™ Series heavy-duty disc mowers.

By cutting closely and cleanly, DuraDisc mowers leave less crop behind to increase tonnage with every cutting to boost weight gain, milk production, and ultimately the profitability and success of your operation. Disc mowers are a critical piece of equipment in many haymaking operations, both small and large-scale producers alike. DuraDisc heavy-duty disc mowers combine fast cutting with trouble-free operation and easy servicing. Durability is standard across all models in the DuraDisc lineup to assure you of the dependable performance you need season after season.



Model	Number of Discs	Cutting Width	Attachment Style
DuraDisc™ 107M	5	6'8"	3-point, CAT I/II, or CAT II
DuraDisc™ 108M	6	7'10"	3-point, CAT II
DuraDisc™ 109M	7	9'2"	3-point, CAT II
DuraDisc™ 210M	8	10'4"	Drawbar / Trailed

### Dependability and confidence – MowMax™ cutterbar advantages

Disc mowers are the first machines to hit the hay fields. Dependable and confident operation comes standard on DuraDisc™ mowers. The MowMax™ cutterbar is **backed by the 3-year factory MowMax™ cutterbar warranty** for your peace of mind. Each MowMax disc module is an individually sealed gear case with a dedicated oil reservoir so gears stay properly lubricated, even when working on hillsides. Each module features a ShockPRO™ hub that absorbs harmful impacts and protects the cutterbar drive if the mower hits an obstruction.



### Built-in convenience to save you time and effort

Every bit of time you save during hay season is like money in the bank. New Holland disc mowers are quick-hitch compatible so it's fast and simple to switch between implements.

It's also quick and easy to keep knives sharp and maintain the best cut quality. With the standard QuickMax™ knife change system, changing a dull or damaged blade takes less time than getting out of the tractor, so there's no excuse not to stay sharp.

### Slice a clean swath from 6'8" to 10'4" wide

New Holland DuraDisc heavy-duty disc mowers breeze through the toughest conditions to give you a clean, even cut, pass after pass. Low-profile rock guards allow you to cut at a flatter cutting angle to mow even more closely. Select from four heavy-duty models, including a pull-type model with a cut width of over 10 feet.

### Adapts to rough field conditions

A flotation spring on DuraDisc Series mounted mowers allows the cutterbar to ride smoothly across the field. In addition, a spring-loaded breakaway latch allows the cutterbar to swing back if it hits an immovable object in the field.

### Transportation made easy

When you're ready to hit the road, use remote hydraulics to raise the DuraDisc Series mounted mowers to a locked vertical transport position. A removable parking jack stand and convenient onboard storage location are provided on both mounted and pull-type models.



# Durability, clean cutting, less downtime.

You can depend on rugged DuraDisc™ disc mowers to slice through tough conditions and mow smoothly and quickly.

## Fast, smooth mowing with the MowMax™ cutterbar

DuraDisc disc mowers give you the advantages and latest advances of the New Holland MowMax™ true modular cutterbar, including:

### Closer cutting

- The low-profile rock guards allow for closer cutting at a flatter cutting angle.
- Stepped module spacers improve the straightness of the cutterbar, allowing it to run more lightly and smoothly for consistent cut height, more uniform flotation and less wear.

### Extended durability

- The top cap bearing fits securely to the housing to extend bearing life.
- Dampeners on the hardened alloy module drive shafts eliminate vibration wear.
- Strong top cap gear and the ShockPRO™ hub design prevents internal cutterbar damage if there is impact from a foreign object.



## Cleaner mowing with time-saving QuickMax™ knife change system

Sharp knives give you the clean cut you want, with less crop left behind. Keeping knives sharp is faster and more convenient than ever with the QuickMax knife change system. It's standard equipment on all DuraDisc mowers. A special knife tool makes it easy to flip an entire set of knives or quickly change a damaged knife either in the field or in the shop. A convenient knife tool storage location is provided onboard your DuraDisc mower for fast access.

**MowMax** →

**3 year**  
Cutterbar Warranty





### Faster implement changes

During hay season, you need to make fast decisions and move quickly from one task to the next. A quick hitch makes the most of your time by allowing you to easily hook and unhook the mower when you need to switch to tedding, raking or baling. Quick-hitch compatibility is standard equipment on the DuraDisc™ 108M and 109M and optional on the 107M.



# The peace of mind you only get with MowMax™

You can mow with confidence due to New Holland's MowMax™ cutterbar. It is equipped with the ShockPRO™ cutterbar protection system—the same design used on Discbine® Series disc mower-conditioners—so you are assured of maximum durability and peace of mind, season after season.



## **SHOCKPRO™ hubs keep you mowing and protect your investment**

Replaceable, economical ShockPRO hubs help keep you mowing with minimum downtime and repair costs. They protect the entire cutterbar driveline if the machine encounters a field obstruction by absorbing the shock of the impact before damage can occur to expensive drive components. If necessary, these hubs can be replaced in the field in less than 10 minutes, at minimal cost.





### Guaranteed peace of mind with the standard factory 3-year MowMax™ warranty

The comprehensive, MowMax™ 3-year extended cutterbar warranty goes beyond the extended cutterbar coverage provided by some other manufacturers. It is three years of full warranty coverage on the module gear case, spacers, tie-bolts, interconnecting shafts and even covers leakage. Only common wear parts such as discs, knives and skids are excluded. See your local authorized New Holland dealer for complete MowMax extended cutterbar warranty coverage details.



### A reliable, true modular design

Even when cutting on slopes, you don't need to worry about an oil starvation issue because each disc module is an individually sealed gear case with a dedicated oil reservoir. The gears stay fully lubricated and work reliably. If an internal component ever fails, there's no chance that a broken piece can circulate in the oil bath and damage other modules. And, each gear case is connected with independent, hardened alloy drive shafts, not a single-piece drive shaft that can twist or shear. When routine maintenance is required, it's fast and inexpensive.



### Easy service and adjustments

Two cutting edges on each knife provide twice the cutting life. Standard QuickMax™ knives allow you to flip or replace knives easily from the front of the cutterbar. Mounted disc mowers feature an exclusive V-belt tension spring with an easy-to-see tension indicator so you can check belt tension at a glance. Adjusting tension is easy too. There are no shields to remove. All it takes is a turn of a nut. Left- and right-hand swathboards are available to allow for swath width adjustment.

# Increased productivity with built-in confidence.

The New Holland heavy-duty DuraDisc™ 210M pull-type disc mower combines the benefits of a wide 10-foot, four-inch cut with easy hookup and a low horsepower requirement.

## The next level of disc mower productivity

You'll appreciate the smooth operation and maneuverability of the DuraDisc 210M. The 540-rpm PTO driveline features an 80-degree constant velocity joint for smooth, quiet operation and tight turning. A secondary CV driveline option allows you to "steer" around field obstacles on the fly.



## Clean cutting with in-field flotation

You get close, even cutting in uneven terrain with the DuraDisc 210M. The header is suspended from the main frame of the machine with large flotation springs that allow the header to float both vertically and laterally to cut close, but prevent damage and bulldozing in challenging conditions. You can adjust the flotation spring tension easily by turning the anchor bolts.

## Wide cutting and wide swaths for fast drying

Wheels are located inboard of the cutting edge to eliminate run-down of uncut crop. Crop deflectors direct the cut crop inside the tire path and into a wide 95-inch swath.



## Proper cut quality the fast, simple way with QuickMax™

Maintain a smooth, uniform cut quality by keeping knives sharp with the QuickMax™ knife change system. The special knife tool stored onboard the DuraDisc 210M lets you change bent or dull knives fast and get back to mowing. The QuickMax quick change knife tool and removable toolbox are attached to the right-hand side of the tongue for your convenience.



## Save time with simple attachment and narrow transport

Tractor hookup is easy. Simply drop in the pin, hook up the PTO and three hydraulic hoses. Hydraulic tongue swing allows you to power the machine from transport to operating position and back. The right-hand end shield flips up for a narrow 10-foot, 10-inch transport width. The left-hand shield can swing open for additional cutterbar access.

Models		DuraDisc™ 107M Mounted	DuraDisc™ 108M Mounted	DuraDisc™ 109M Mounted	DuraDisc™ 210M Trailed
<b>Cutterbar</b>					
Cutting width	ft. in. (m)	6'8" (2.0)	7'10" (2.4)	9'2" (2.8)	10'4" (3.2)
Cutting height	in. (mm)	1.25-3.5 (32-89)	1.25-3.5 (32-89)	1.25-3.5 (32-89)	0.95-3.2 (24-81)
Cutterbar tilt angle	degrees	0 to -10	0 to -10	0 to -10	-2 to -10
Cutterbar operating range	degrees	+18 to -32	+18 to -30	+18 to -28	+18 to -28
Breakaway angle	degrees	19	30.5	30.5	-
Cutterbar flotation		Vertical adjustable spring	Vertical adjustable spring	Vertical adjustable spring	Vertical and lateral, adjustable springs
Type cutterbar		MowMax™ cutterbar, modular, with individual sealed reservoirs			
Number of discs		5	6	7	8
Knives per disc		2	2	2	2
Disc cutting diameter	in. (mm)	19.7 (500)	19.7 (500)	19.7 (500)	19.7 (500)
Disc drive		Bevel gears in sealed modules			
Disc speed	RPM	3000	3000	3000	3000
Cutterbar gear protection		Std. ShockPRO™: easy replace ShockPRO hub with a partial complement of sacrificial splines			
Swath width, approx standard*	in. (mm)	80 (2032)	94 (2388)	110 (2794)	95 (2413)
Swath width with optional swathboards*	in. (mm)	48 (1219) includes LH & RH swathboards	62 (1575) includes LH & RH swathboards	78 (1981) includes LH & RH swathboards	-
<b>Driveline</b>					
Minimum PTO horsepower required	hp (kW)	45 (33.5)	55 (40.9)	60 (44.7)	60 (44.7)
Input speed	RPM	540	540	540	540
PTO shaft spline/size required		6-spline /1-3/8"	6-spline /1-3/8"	6-spline /1-3/8"	6-spline /1-3/8"
Driveline protection		Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar	Slip clutch
Overrunning clutch		●	●	●	●
Belt tension		Spring-loaded tensioner with adjustment gauge			-
<b>Hydraulics and Hitch</b>					
Hydraulic circuits required		One remote	One remote	One remote	Two remotes
Minimum relief pressure required	psi (bar)	1500 (103)	1500 (103)	1500 (103)	1500 (103)
Hitch		Category I/II or Category II quick hitch compatible	Category II quick hitch compatible	Category II quick hitch compatible	Drawbar clevis hitch
<b>Dimensions and Weight</b>					
Overall width	in. (mm)	138.75 (3524)	160.25 (4070)	181.75 (4616)	196 (4978)
Overall length	in. (mm)	42.5 (1080)	50.5 (1283)	50.5 (1283)	183 (4648)
Height - transport position**	in. (mm)	98 (2489)	119.5 (3035)	141 (3581)	62 (1575)
Weight, operating	lb. (kg)	1200 (546)	1405 (639)	1535 (698)	2610 (1186)
Maximum transport speed		-	-	-	20 mph/ 32.2 kph
Tires/wheels		-	-	-	27 x 9.5 x 15 6 PR

- Not Available ● Standard Note: Recommended for use with tractors having a fully enclosed cab \*Heavy swaths may fluff out to a wider swath after exiting the swathboard(s)  
 \*\*Transport height is based on hitch pins being 24 in. (609 mm) above ground on DuraDisc 107M model and 18 in. (457 mm) above ground on DuraDisc 108M and 109M



# High speed meets high value.

## **HM series economy disc mowers provide fast mowing speeds at a price that goes easy on the wallet.**

For smooth, fast disc cutting at an economical price, choose a high-value HM Series economy disc mower from New Holland.

### **Fast cutting**

Available in three sizes, the HM Series disc mowers slice cleanly through thick crops at high speed. Four, five or six low-profile, oval cutting discs use two knives per disc to slice through wet grasses, and break through nuisance fire ant hills and gopher mounds. Knives are made of high-quality steel and are reversible for twice the cutting life. Rock guards and skid shoes protect the discs and carry the cutterbar over uneven ground.



## Dependable operation

The enclosed gear-driven cutterbar provides years of reliable service. And, the 540-rpm PTO driveline with overrunning clutch protects the driveline and makes hookup easy. Additional built-in features:

- Adjustable flotation spring allows you to change cutterbar ground pressure.
- Spring-loaded breakaway latch protects the cutterbar by allowing the mower to pivot back the instant it encounters an obstacle. To re-engage the latch, simply back up.
- Right-side swath divider wheel separates each cut path.
- Single-acting hydraulic cylinder makes it easy to lift the cutterbar at the end of each pass.
- Transport lock makes it easy to move from field to field
- 3-point hitch mounting, two adjustable parking stands and a storage support for the PTO shaft make it easy to attach and remove HM Series mowers.

The enclosed gear-driven cutterbar uses two high-quality steel knives on each low-profile, oval disc to produce a fast, clean cut. The discs are retained with six bolts for easier service.

Two parking stands make tractor attachment and removal easy.



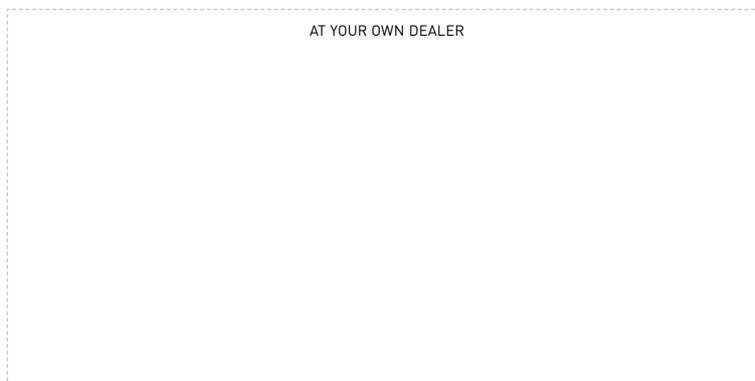
Economy Models		HM234 Mounted	HM235 Mounted	HM236 Mounted
<b>Cutter Bar</b>				
Cutting width	ft. in. (mm)	5' 6" [1676]	6' 9" [2057]	7' 11" [2413]
Cutting height	in. (mm)	0.63-2.36 [16-60]	0.63-2.36 [16-60]	0.63-2.36 [16-60]
Cutterbar tilt angle	degrees	0 to -8	1 to -8	2 to -8
Cutterbar operating range	degrees	+18 to -30	+18 to -30	+18 to -30
Breakaway angle	degrees	21	21	21
Type cutterbar		Enclosed gear drive	Enclosed gear drive	Enclosed gear drive
Number of discs		4	5	6
Knives per disc		2	2	2
Disc cutting diameter	in. (mm)	20.47 [520]	20.47 [520]	20.47 [520]
Disc drive		Spur gear drive in common sump	Spur gear drive in common sump	Spur gear drive in common sump
Disc speed	RPM	3154	3154	3154
Cutterbar gear protection		No	No	No
Swath width, approx standard**	in. (mm)	50 [1270] includes std. RH swath wheel	65 [1651] includes std. RH swath wheel	79 [2007] includes std. RH swath wheel
Swath width with optional swath wheel**	in. (m)	38 [965] w/LH swath wheel	53 [1346] w/LH swath wheel	67 [1702] w/LH swath wheel
<b>Driveline</b>				
Minimum PTO horsepower required	hp (kW)	35 [26.1]	40 [29.8]	50 [37.3]
Input speed	RPM	540	540	540
PTO shaft spline/size required		6-spline / 1-3/8"	6-spline / 1-3/8"	6-spline / 1-3/8"
Driveline protection		Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar
Overrunning clutch		●	●	●
Belt tension		Adjustable drawbolt	Adjustable drawbolt	Adjustable drawbolt
<b>Hydraulics and Hitch</b>				
Hydraulic circuits required		One remote	One remote	One remote
Minimum relief pressure required	psi (bar)	2,320 (160)	2,320 (160)	2,320 (160)
Hitch		Category I or II	Category I or II	Category II
<b>Dimensions and Weight</b>				
Overall width	in. (mm)	134.25 [3410]	149.21 [3790]	178.35 [4530]
Overall length	in. (mm)	54.33 [1380]	54.33 [1380]	54.33 [1380]
Height - transport position*	in. (mm)	92.52 [2350]	107.48 [2730]	122.44 [3110]
Weight, shipping	lb. (kg)	933 [423]	1016 [461]	1215 [551]
Weight, operating	lb. (kg)	822 [373]	906 [411]	1077 [489]

● Standard Note: Recommended for use with tractors having a fully enclosed cab.

\* Transport height is based on 19.7-inch [500 mm] hitch-pin height above ground on HM Series models, 24-inch [609 mm] hitch-pin height above ground on H6730 models, and 18-inch [457 mm] hitch-pin height above ground on H6740 and H6750 models

\*\* Heavy swaths may fluff out to a wider swath after exiting the swathboard(s)

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New Holland prefers **AMBRA** lubricants