

**FRONTIER**  
EQUIPMENT™  
Rugged. Reliable. Ready.

# Quality hay starts with Frontier Disc Mowers



**Medium-Duty and Heavy-Duty Disc Mowers**



## MODELS

**For higher quality hay, go with a Frontier Disc Mower.** These durable machines are designed and built for reliable, quality hay cutting ... field after field. The compact mower unit and low-profile design keeps the cutter bar even with the ground for a uniform cut. Plus, the rugged frame keeps the machine rolling through rough fields and heavy, tough crops.

These Frontier Disc Mowers are economically priced but don't sacrifice quality. High-quality, helical-shaped knives ensure clean cutting, even in dense crops, and are secured with heavy, heat-treated steel bolts for additional safety. Oval-shaped discs provide maximum knife overlap and allow cut crop to flow efficiently through the mower. You get clean and even mowing action, and almost no risk of wrapping of grass between the discs.

Each oval disc contains large-diameter forged gearwheels and drive pinions for high performance and time-proven resistance. Disc pinion shafts are mounted on robust ball bearings and are secured with a self-locking nut to the splined pinion shaft. Idler gear fasteners are located in heat-treated steel cups welded to the gear pans — there's no risk of wear or distortion. And thick O-rings seal the cutter bar gear case and pans to keep dirt out.

Frontier Disc Mowers are backed with a one-year warranty and the best dealer network in the industry — John Deere. To help you choose the right Frontier Disc Mower, talk to your John Deere dealer, your exclusive distributor of Frontier Equipment.

[www.BuyFrontier.com](http://www.BuyFrontier.com)

Frontier Disc Mowers are available in a wide variety of cutting widths to match your operation. From the smaller DM1140, to the heavy-duty DM1270, these disc mowers are designed and built for reliable performance and maximum efficiency in fields of all sizes.

**DM1140**



**DM1150**



**DM1270**



**DM1160**



The heavy-duty DM1270 comes standard with heat-treated discs and thicker knives for hours of non-stop use by large hay producers. It also features an overrun PTO clutch with standard extended swath boards and disc cones to make it comparable to higher-end disc mowers.

# Mowing at economical prices

## DETAILS - DISC MOWERS



Inside each disc is a state-of-the-art disc pinion shaft. The shaft bearings are positioned in respect to the blade line of force for balanced operation and longer bearing service life. The oval shape of the disc ensures maximum knife overlap, and the ribbed profile allows material to flow cleanly and efficiently through the mower.



Each disc mower folds to a compact vertical width for safe transport. The machine's center of gravity is transferred close to the tractor for stability. A locking rod secures the cutter bar for additional safety.



The compensating spring keeps the cutter bar level with the ground when mowing rolling terrain and ditches. Spring tension is adjusted by changing the mainframe height with the tractor's 3-point lift. A safety breakaway mechanism allows the unit to swing backwards to reduce impact should an obstacle be struck.

The cutter bar on the DM1140 (right) can be equipped with a manual crank. The DM1140, DM1150, DM1160, and DM1270 come standard with hydraulic lift, which makes quick work of big fields by keeping you in the tractor seat.



For added safety if a knife bends, deflector shields between the guards keep the knife from cutting the mower unit's housing.



The helical shape of the cutting knives ensures clean cutting, even in dense crops. For safe operation, knives are secured with heavy-duty, heat-treated steel bolts — not a quick-fitting system — and each bolt and lock-nut is protected from wear.



Heat-treated steel guards protect the discs from striking low-lying objects while skid shoes help shield the cutter bar from abrasive surface-level material.

## SPECIFICATIONS

Model	DM1140	DM1150	DM1160	DM1270
<b>Hitch</b>	3 point: Category 1 or 2			
<b>PTO drive</b>	540 rpm (overrun clutch optional)	540 rpm (overrun clutch optional)	540 rpm (overrun clutch optional)	540 rpm (overrun clutch standard)
<b>PTO horsepower</b>	28 hp	35 hp	42 hp	50 hp
<b>Cutting width</b>	5 ft. 3 in. (1.6 m)	6 ft. 7 in. (2.0 m)	7 ft. 10 in. (2.4 m)	9 ft. 2 in. (2.8 m)
<b>Average swath width</b>	3 ft. 11 in. (1.2 m)	4 ft. 7 in. (1.4 m)	5 ft. 11 in. (1.8 m)	7 ft. 3 in. (2.2 m)
<b>Operating weight</b>	805 lb. (366 kg)	891 lb. (405 kg)	995 lb. (452 kg)	1,166 lb. (530 kg)
<b>Discs</b>	4, oval shaped, ribbed profile	5, oval shaped, ribbed profile	6, oval shaped, ribbed profile	7, heavy duty, oval shaped, ribbed profile
<b>Knives</b>	8	10	12	14, heavy duty
<b>Heavy-duty discs &amp; knives</b>	Optional	Optional	Optional	Standard
<b>Cutterbar lift mechanism</b>	Hydraulic (optional mechanical)	Hydraulic	Hydraulic	Hydraulic
<b>Hydraulic outlet</b>	1 single-acting valve	1 single-acting valve	1 single-acting valve	1 single-acting valve
<b>Belt drive</b>	Set of 3 V-belts with tensioner	Set of 4 V-belts with tensioner	Set of 4 V-belts with tensioner	Set of 4 V-belts with tensioner
<b>Inner swath board</b>	—	Optional	Optional	Standard
<b>Outer swath board</b>	Standard	Standard	Standard	Standard
<b>Inner disc cone</b>	—	Optional	Standard	Standard
<b>Outer disc cone</b>	Standard	Standard	Standard	Standard
<b>Safety breakaway</b>	Standard	Standard	Standard	Standard
<b>Warranty</b>	1 year	1 year	1 year	1 year

Frontier Disc Mowers meet ASAE safety requirements.

Stones and other objects can be thrown a great distance by the rotating cutting blades. Therefore, do not operate a disc mower near other people or close to buildings. To reduce the potential for thrown objects, always operate the disc mower with the cutter bar cover in the down position. In addition, these disc mowers should be used with tractors that have a factory-installed tractor cab.

## Kick your haymaking into high gear with Frontier

Frontier offers a full line of haymaking tools, including tedders that efficiently preserve the nutrient value of your crop so you can bale your hay faster. Check out the entire line of rugged, reliable Frontier hay tools at your local John Deere Dealer.



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL JOHN DEERE DEALER FOR DETAILS. Frontier Equipment reserves the right to change specifications, design and price of products described in this literature without notice. John Deere, the leaping deer symbol, and John Deere's green and yellow trade dress are the trademarks of Deere & Company. Copyright 2011, Frontier Equipment.



[www.BuyFrontier.com](http://www.BuyFrontier.com)