

MEGACUTTER™ MOUNTED DISC MOWERS AND DISC MOWER-CONDITIONERS

MegaCutter™ 510 | MegaCutter™ 531

MegaCutter™ 512 | MegaCutter™ 533



Capacity as big as your harvesting ambitions.

When it's harvest time, you want to lay down hay fast while the weather is right. And when you have big ambitions, you require enough capacity to get crop on the ground fast to achieve consistent drying, the lowest cost per acre, and the best forage quality imaginable. Matching capacity to your imagination isn't a daydream. It's exactly what MegaCutter™ mounted disc mowers and disc mower-conditioners can do for you.

The ideal low-horsepower plain mowing combination for silage making

The MegaCutter Models 510 and 531 plain disc mowers give you the perfect balance of forage quality and a low power requirement when you're making chopped hay silage that offers high retained quality without conditioning. These plain mower versions cut crop closely, cleanly and quickly, leaving it in a consistent wide swath. The non-conditioning MegaCutter versions mean cutting over 30 acres every hour with as little as 150 horsepower. You cover more acres using less time and fuel to save money.



Today's commercial operations and custom harvesters know preserving forage quality is like money in the bank. It's a process that begins when the first crop falls and only ends when the bales are stacked and the bunk is packed. New Holland can help you reach your goal with high-capacity MegaCutter solutions. Which MegaCutter mounted disc mower or disc mower-conditioner combination is right for your operation?

Models	Tractor Requirement	Cutting Width	Mounting	Capacity*	Conditioning
MegaCutter 510	1000 RPM / 75 PTO hp	10' 6" (3.2 m)	Cat II Front Hitch and A-frame coupler	-	None
MegaCutter 531	1000 RPM / 150 PTO hp	31' 2" (9.49 m)	Cat II & III Rear hitch	34 APH	None
MegaCutter 512	1000 RPM / 90 PTO hp	11' 10" (3.6 m)	Cat II Front Hitch and A-frame coupler	-	Rubber Roll or Steel Flail Tine
MegaCutter 533	1000 RPM / 235 PTO hp	33' 6" (10.2 m)	Cat II & III Rear hitch	37 APH	Rubber Roll or Steel Flail Tine

*Estimated capacity calculated at 10 MPH ground speed and 90% operational efficiency.



Harvest flexibility with effective crop conditioning

Quality starts with planting a good stand then harvesting at peak quality and at the ideal moisture. When your operation is a mix of chopped silage, baling, wrapping, and even late-season dry hay, and you have hundreds of acres to mow before lunch, the importance of effective conditioning is clear. The extra-wide MegaCutter Models 512 and 533 disc mower-conditioners give you the faster crop drying essential to reaching the ideal moisture fast so you can move on to the next field.

Fingertip-managed productivity acre after acre

Simple, smooth management of large combination machines is essential for maximum productivity. The MegaCutter 533 is ISOBUS compliant, so it pairs seamlessly with the tractor. You can handle all critical machine functions through the IntelliView™ IV large color touchscreen display or using the optional joystick. For late-model tractors, an optional non-ISOBUS joystick control connects directly to the mowers. The MegaCutter 531 plain mower model requires only three double-acting hydraulic remotes with no need for a control box.

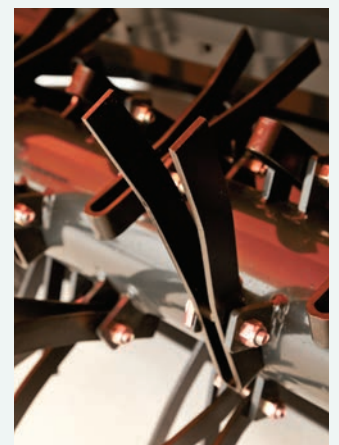


Standard quick-change knife system keeps you cutting sharp

Sharp knives give you the clean cut you want with less crop left behind. As a result, you harvest more tons, get fast regrowth and assure your forage quality for the next cutting. Keeping knives sharp is easy with the standard quick-change knife system. It allows you to change damaged knives fast or flip an entire set and get back to mowing pronto to keep on your mowing schedule.



Rubber Chevron intermeshing rolls



Flail tine conditioning

Higher retained quality through fast drydown

Faster hay drying not only means beating the weather, it allows you to get crop out of the field with maximum feed quality. New Holland offers three effective solutions for fast drying of high-quality feed, including gentle rubber chevron intermeshing rolls for alfalfa and other legume crops, flail tine conditioning for grass hay, and a lower-horsepower model with no conditioning that's ideal for silage making.



Clean cutting and reliability are standard on every model

Whether you're cutting your own fields or working as a contractor, clean cutting without slowdown is what you expect. The MegaCutter™ disc cutterbar provides a clean cut with minimal tilt, even in thick and tangled crops. The round disc profile is less susceptible to impacts than other disc shapes and each disc drive is fitted with a drive protection system.

Responsive suspension to adapt to challenging terrain

The MegaCutter 510 and 512 front-mounted models offer a broad suspension range, with up, back and angular motion to react to changing terrain and protect both machine and crop stubble. The MegaCutter 531 rear plain disc mower is equipped with a non-stop breakaway and automatic reset to protect the cutting heads. Each pendulum-arm-mounted head automatically swings up and back then returns to working position to maintain your working pace. The MegaCutter 533 rear disc mower-conditioner is fitted with an advanced three-dimensional suspension that assures clean cutting, machine protection, and high working speeds. Unlike the pendulum design, quad-link arms attach each head to the main frame so they are free to move independently up and back.

T7: Built-in strengths for MegaCutter efficiency

To achieve maximum productivity and performance, pair your MegaCutter mounted disc mowers or disc mower-conditioners with a New Holland T7 Series tractor. The T7 Series offers the horsepower and torque rise to tackle tough jobs with fuel economy that makes them easy to own. Designed for commercial reliability and contracting, your T7 can be factory-equipped with high-value options such as a reversible engine fan that's ideal for mowing conditions, and an exhaust break for towing heavy tanks.



MEGACUTTER™ MOUNTED DISC MOWER AND DISC MOWER-CONDITIONER SPECIFICATIONS

Model	MegaCutter 510	MegaCutter 531	MegaCutter 512	MegaCutter 533
Hitch				
Mounting	Front-three point linkage	Rear-three point linkage	Front-three point linkage	Rear-three point linkage
Attachment	A-Frame quick hitch Cat II	Standard ASABE link ends Cat II / Cat III	A-Frame quick hitch Cat II	Standard ASABE link ends Cat III / Cat IV
Cutterbar				
Cutting width narrow setting	ft. in. (m)	30' 4" (9.24)	-	30' 8" (9.32)
Cutting width wide setting	ft. in. (m)	10' 6" (3.2)	31' 2" (9.49)	11' 10" (3.6)
Cutting width adjustment	-	Fixed/mechanical setting	-	Hydraulic adjustment 6" to 11" overlap
Cutting height control	Tractor front top link adjustment	Tractor rear top link adjustment	Tractor front top link adjustment	Tractor rear top link adjustment
Type	Low profile spur gear			
Number of discs	8 Round discs	18 (2 x 9)	9 Round discs	18 (2 x 9)
Knives per disc	2	2	2	2
Quick change knife system	Standard	Standard	Standard	Standard
Disc speed @ 1000 rpm PTO speed	rpm	3,000	3,000	3,000
Cutterbar protection system	Shear hub system - Standard			
Flotation	Up & back, adjustable springs	Vertical w/ safety breakaway	Up & back, adjustable springs	Up & back, hydropneumatic, adjustment on-the-go from monitor
Cutting height	in. (mm)	2-4 (50-100)	2-4 (50-100)	2-4 (50-100)
Roll conditioners				
Type	-	-	Chevron intermeshing rubber	
Drive method	-	-	Enclosed gearbox	Enclosed gearbox
Speed	rpm	-	900	900
Conditioner roll tension adjustment	-	-	Tension spring	Tension spring
Conditioner adjustment	-	-	Adjustable tension/gap stop	
Flail conditioners				
Type	-	-	Tangential mounted steel v-tines	
Drive method	-	-	Belt driven	Belt driven
Speed	rpm	-	700	700
Conditioner gap adjustment	-	-	Adjustable hood	Adjustable hood
Tractor requirements				
Minimum PTO power required	hp (kW)	75 (56)	190 (141)	90 (67)
Hydraulic circuits required	1 Single-acting / flat face coupler	2 Double-acting / pioneer coupler	1 Single-acting / pioneer coupler	CCLS 1 LS - Power Beyond 6.5-13.25 gpm 2175-2900 psi
Electrical	-	7-pin electrical connector for transport lights	-	7-pin electrical connector for transport lights
User interface / machine control	-	-	-	Virtual Terminal Monitor with ISOBUS 11783 connector
Dimensions				
Hydraulic folding cutterbar end guards	-	-	-	Standard
Width-transport	ft. in. (m)	9' 10" (3.0)	9' 7" (2.92)	11' 2" (3.6)
Height-transport	ft. in. (m)	-	13' 0" (3.97)	-
Height-vertically parked storage position	ft. in. (m)	-	12' 9" (3.88)	-
Weights				
Operating weight	lbs. (kg)	1566 (710)	3420 (1550)	2924 (1326) - Flail tine version 3144 (1426) - Roll version
				6756 (3064) - Flail tine version 7030 (3188) - Roll version

- Not Available

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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.

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