

MEGACUTTER™ TRIPLE DISC MOWER-CONDITIONERS

512 | 530



CUT A TRIPLE-WIDE SWATH OF PRODUCTIVITY

MegaCutter™ triple disc mower-conditioners cut more than just your hay. By cutting a 29-foot, 6-inch swath with every pass, the high-capacity MegaCutter combination helps you slash costs to increase your bottom line. The MegaCutter™ 512 clears a wide, 11-foot, 10-inch path in front, so you can set your tractor tires wider for fast drying and maintain tractor clearance for easy field maneuvering. The rear-mounted MegaCutter™ 530 uses two disc cutterbars, maximizing the 29' 6" cut and providing a cutting capacity up to 43 acres per hour when operated at 14 mph.



FLEXIBILITY TO MATCH YOUR DRYING NEEDS

The New Holland MegaCutter triple system offers you superior flexibility to match your harvest needs. Lay down three single swaths, or add a flip-over swathboard attachment with wide, thin fins to spread crop to the full 29'6" cut width so hay dries faster.

A SIMPLE SWITCH TO TRANSPORT

The MegaCutter 512 and MegaCutter 530 use a simple two-step procedure to change from mowing, to turning at the end of the windrow, to transport mode, so you can make the switch and get back to mowing quickly. Custom Headland Management, standard on T7 and T8 Series New Holland tractors, makes this an even easier function.



FASTER MOWING, PEAK DRYING, QUALITY FEED

With nearly double the cutting width of a traditional 16-foot mower-conditioner or self-propelled windrower, the MegaCutter combination is ideally suited to match the capacity of large self-propelled forage harvesters. You mow more acres in less time and with less fuel every time you mow. Since you're done mowing earlier, your crops get the advantage of peak drying conditions during the day. When crop is cured and harvested quickly, it retains more nutritional value leading to higher-quality feed. Who can argue with more quality feed?

YEAR-ROUND TRACTOR PRODUCTIVITY

Choosing a MegaCutter triple disc mower-conditioner instead of a dedicated machine or a traditional self-propelled windrower that you can only use during a portion of the year allows you to get added productivity from your high-horsepower tractor. And, of course, your tractor handles all the other tasks that need done all year long. For the ultimate in productivity and operator comfort, match your MegaCutter triple mower-conditioners with an efficient New Holland T7.270 or T8 Series tractor with:

- ECOBlue™ SCR Tier 4 technology – lower fuel consumption, lengthened service interval
- Auto Command™ continuously variable transmission – greater fuel economy and smooth, precise speed control
- IntelliSteer™ Auto Guidance System – more acres per hour, less operator fatigue, eliminates skips and overlaps
- 31-mph transmission – faster movement between locations
- Ultimate comfort – advanced mower suspension, suspended cab and suspended axle choices on the tractor

Enter into the New Holland Family with a multi-unit purchase of a tractor and mower.



CLEAN, EVEN CUTTING IN UNEVEN TERRAIN

You can rely on the advanced mower suspension systems on both the MegaCutter 512 and MegaCutter 530 to provide a complete range of flotation. Both the front- and rear-mounted models follow varying terrain for a cleaner cut and less risk of damage from foreign objects than machines with more complicated flotation systems.

ECOBBlue™



CLEAN CUTTING, THOROUGH CONDITIONING

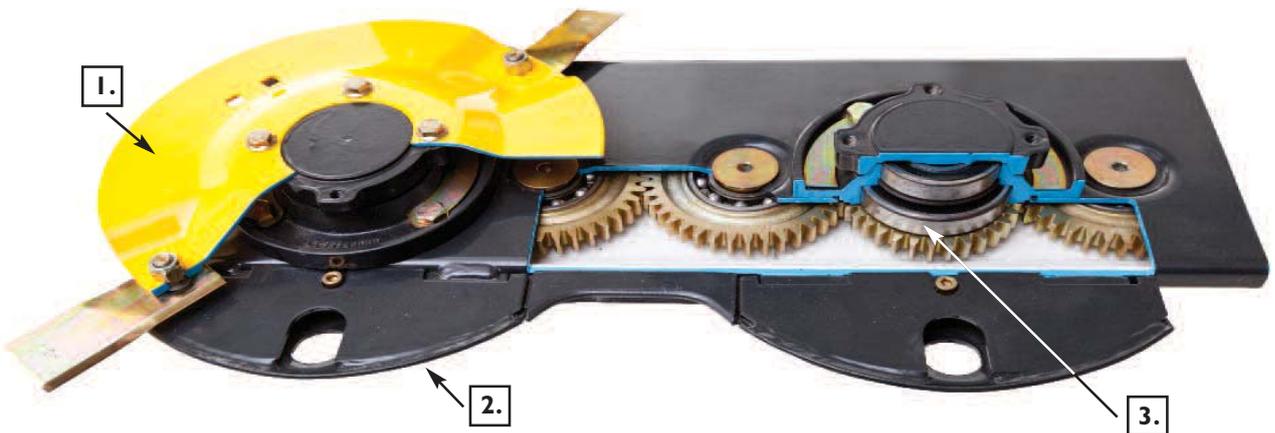
The low-profile MegaCutter™ disc cutterbar provides clean cutting with minimal tilt, even in thick and tangled crop. Raised skid shoes provide additional height and maintain cutterbar flatness to deliver exceptional cutting quality. Choose low skid shoes, mid 20-mm or high 40-mm skid shoes. The high skid shoes are recommended for working in stony conditions, new seedlings and muddy or wet field conditions, but can also be used in normal working conditions.

	Cutting Height Range
Low Skid Shoes	¾ in. to 2 ¼ in.
Mid 20-mm Skid Shoes	1 in. to 3 in.
High 40-mm Skid Shoes	2 in. to 4 in.



RUGGED CONSTRUCTION

A fully welded and sealed cutterbar gear case with an integral box-beam support provides the rugged strength and flexibility required for challenging mowing conditions. End feed-cones and intermediate disc stations are secured with bolts and bushing spacers for a positive connection to the top and bottom of the gear case for extra reliability. Specially machined gears, dependable steel-bearing cages, integrated drive train protection, and a large oil reservoir capacity lead to reliable, quiet, and cool operation.



THREE LEVELS OF PROTECTION

In the event of a collision, three levels of protection safeguard the MegaCutter disc cutterbar.

1. ROUND DISC PROFILE BY DESIGN

The round disc profile is less susceptible to damage from stones or debris that can jam in more complex disc profiles. In fast cutting applications, the round disc profile maintains a low wind force. That leads to cleaner cutting and uniform crop flow to the conditioning system, without the "pulses" of material typical with other cutting systems.

2. A SMOOTH ROCK GUARD PROFILE WITH DISCS SET BACK

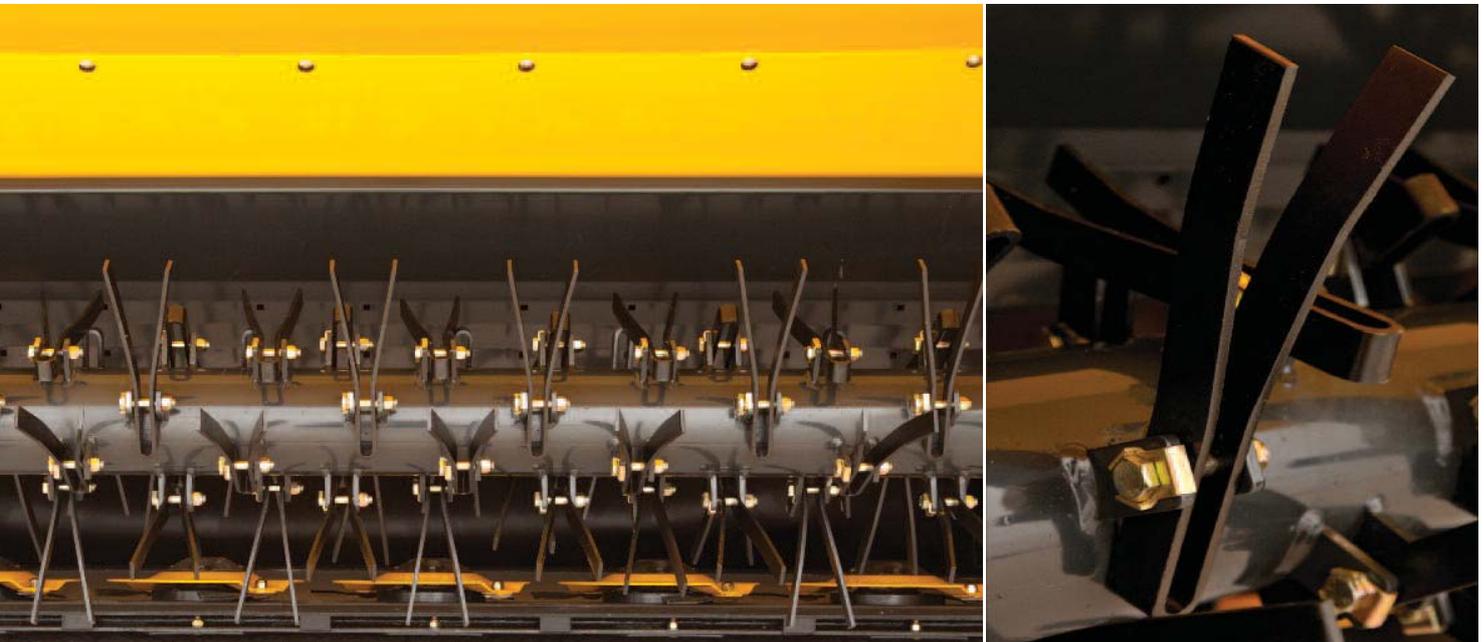
Discs are set back from the front of the rock guards, improving each disc's protection against direct collision with an obstruction. The long, angled knives and smooth rock guard profile help to provide outstanding cutting quality and reduce the tendency for soil buildup between discs that can happen when working in new seeding and sticky soils.

3. INTEGRATED DISC DRIVE PROTECTION

Each disc drive station features a shear-key system that protects the cutterbar drive from severe collisions by absorbing the impact and retaining the disc. A damaged disc station can be replaced quickly in the field for maximum up-time while mowing. The damaged station can be rebuilt in your own shop or at your local dealer, and reused later.

V-TINE FLAIL CONDITIONING SYSTEM

A flail rotor system conditions crop for faster drying. Flail tines are positioned at an angle to the rotor's center to deliver increased outward crop pressure against the conditioning hood and improve swath and windrow formation.



SEMI-SWINGING DESIGN

Semi-swinging flail tines allow obstructions to pass, providing better protection compared to fixed poly or steel tines. And unlike conventional free-swinging tines, New Holland flails cannot swing back over center, but are held in the ideal place by centrifugal force for efficient and effective conditioning as well as uniform swath and windrow formation.

WIDE RANGE OF CONDITIONING POSSIBILITIES

It's easy to adjust conditioning intensity to maintain optimum conditioning with MegaCutter™ disc mower-conditioners. The MegaCutter™ 512 features a dual-speed, 600 and 900-RPM conditioning rotor drive, so you can achieve either gentle handling of delicate legumes or aggressive conditioning of more robust grass hays. The MegaCutter™ 530 requires a kit to achieve the 600-RPM rotor speed recommended for use in delicate crops. You can also adjust the amount of conditioning action by adjusting the hood above the flail rotor, raising it for less conditioning intensity and lowering it for added intensity. Giving you added versatility to make changes is key to conditioning a nutritional crop.

16% WIDER CUTTING UP FRONT

With its big 11-foot, 10-inch cut, the MegaCutter™ 512 front-mounted mower-conditioner clears a wide path—one that's 16% wider than competitive 10-foot models. It also provides more mower overlap, so there's no need for complicated side-shift mechanisms. The wide cut also means you can set the tractor tires wide for fast drying of the center swath.



RUGGED, RELIABLE DISC CUTTERBAR

Challenging conditions are no problem for the MegaCutter 512 cutterbar. It's fully welded with integral box beam support to provide flexibility and support. There are three levels of protection that safeguard against cutterbar damage in the event of a collision while mowing (see page 4 for more information). Changing the cut height and cutterbar attack angle is easy. Simply rotate the turnbuckle top link by hand to the preferred setting. If further height adjustment is needed, consider the available mid and high skid shoes.





A COMPLETE RANGE OF FLOTATION, WITHOUT THE USE OF TRACTOR HYDRAULICS

The MegaCutter 512 provides a broad range of suspension movement to follow rolling field contours precisely for ultra-clean cutting. The advanced suspension allows for a working range over 27 vertical inches and up to 24 degrees of angular movement to adapt to the most challenging terrain. Its innovative geometry and linkage allow the cutterbar to move up and back, and reduce cutterbar angle simultaneously so the cutterbar can clear obstacles. This rugged and reliable mechanical spring system adjusts to suit your working speeds and field conditions to protect your crop stubble and reduce skid shoe wear. There are no hydraulic accumulators or cylinders to leak down while mowing, so you can be confident of ongoing, consistent cutting, flotation and tractor operation.



A MOWER GEARBOX FOR ANY ROTATION

The main gearbox is ambidextrous so it can be set for clockwise (CW) or counter-clockwise (CCW) rotation by inverting the 1000-rpm main gearbox. The factory setting for CCW rotation with 1-3/8", 6-spline PTO works with the New Holland T7.270 tractor. The New Holland T8 series tractor allows you to configure your tractor with a 6-spline PTO, CCW 1-3/8" spline or a 21-spline PTO, CW 1-3/8" spline. Either way, the MegaCutter gearbox inverts to fit.

HIGH-CAPACITY MOWING WITH EVERY PASS

The MegaCutter™ 530 rear-mounted mower-conditioner delivers up to 43 acres-per-hour capacity when travelling at 14 miles per hour. It's ideal for today's largest livestock operations and custom harvesters who need to get big jobs done fast while helping to reduce operating costs.



RUGGED, RELIABLE DISC CUTTERBAR

The twin MegaCutter 530 disc cutterbars are fully welded and feature an integral box beam support for the flexibility and support needed for challenging conditions. Three levels of protection safeguard the cutterbars against damage in the event of a collision while mowing (see page 4 for more information). You can operate the MegaCutter 530 with one wing raised and one in mowing position to cut along borders or to finish fields more easily.





A COMPLETE RANGE OF FLOTATION

The MegaCutter 530 uses a unique, balanced, mechanical spring suspension system that allows the cutterheads to precisely follow the most rolling field contours. This constant, uniform flotation assures clean cutting, protects crop stubble and reduces skid shoe wear. You can adjust this reliable suspension system to suit your working speeds and field conditions. Since this is a mechanical system, you can confidently set the suspension, knowing no hydraulic accumulators or cylinders will leak down while you mow.

NON-STOP BREAKAWAY AND RESET

In the event of an unexpected collision, the affected head automatically swings back to dissipate the impact, and automatically resets to working position without stopping after the obstruction has cleared. Unlike more complicated hydraulic systems, the MegaCutter 530 mechanical system uses a pivoting joint and the force of gravity to operate.

CONVENIENT CONTROLS

You get synchronized and independent lift control of the twin MegaCutter 530 heads using a single momentary switch for greater convenience. The optional front mower control allows the control box to raise and lower the MegaCutter 512 as well. The Custom Headland Management system which is standard on a New Holland T7 or T8 tractor will allow you to easily raise and lower the MegaCutter 512 with a touch of a button, while keeping your hand on the tractor control joystick.





GET INTELLISTEER™ EFFICIENCY

Want to achieve maximum productivity and performance? Pair your MegaCutter™ triple disc mower-conditioners with a New Holland tractor equipped with the IntelliSteer™ Auto Guidance steering system. New Holland Precision Land Management (PLM) solutions help you to improve overall operational efficiency, resulting in better productivity and the lowest possible operating cost per acre.

FASTER SPEEDS, FASTER RESPONSE

Automatic steering control maintains pass-to-pass accuracy, allowing operators to use faster working speeds and reducing fatigue. When operators are free from making continuous manual adjustments, they are better able to react to obstructions hidden in the field.

MORE EFFICIENT CHOPPING

The IntelliSteer™ system takes control to mow parallel swaths that are faster and easier to pickup with a merger so you get long, straight merged windrows that are efficiently handled by the self-propelled forage harvester.

CHOOSE YOUR ACCURACY LEVEL

New Holland offers a wide range of accuracy options that enables you to choose the option that best matches your needs. New Holland recommends a corrected OmniSTAR® HP with +/- 3 to 5 inches or for greater accuracy and precision the OmniSTAR® HP with accuracy of +/- 2 to 4 inches. The New Holland IntelliSteer™ guidance system is compatible with WAAS, OmniSTAR®, CenterPoint™ RTX™ or RTK corrections. See your local New Holland dealer for more information and to find the guidance solution that best fits your operation.



SPECIFICATIONS

MODELS		MEGACUTTER 512	MEGACUTTER 530
Mounting		Front-Three Point	Rear-Three Point
Hitch category		Category 2/3N	Category 3
Width of cut	ft. in. (m)	11' 10" (3.6)	29' 6" (9)
Number cutting discs		9	2 x 8
Disc type		Round	Round
Disc speed	rpm	3000	3000
Number cutting blades		18	2 x 16
Reversible blades		Yes	Yes
Theoretical min cut height-standard	in. (mm)	3/4" (20)	3/4" (20)
Theoretical max cut height-standard	in. (mm)	2 1/4" (55)	2 1/4" (55)
Transport width	ft. in. (m)	11' 3" (3.4)	9' 10" (3)
Transport length	ft. in. (m)	6' 3" (2)	8' 3" (2.5)
Transport height	ft. in. (m)	–	13' 2" (4)
Weight	lb. (kg)	2976 (1350)	7090 (3216)
Power requirement	hp (kw)	95 (70)	210 (155)
PTO speed	rpm	1000 (CW/CCW)	1000
PTO yoke		1 3/8" - 6	1 3/8" - 21
Optional PTO yoke		1 3/8" - 21	1 3/4" - 20
Protection		Multi-disc slip clutch	Multi-disc slip clutch (individual head)
Overrunning clutch		●	● (Individual head)
Conditioning system		Semi swinging flail	Semi swinging flail
Number rotors		1	2
Number flail tines per rotor		86	72
Rotor speed - 900	rpm	●	●
Rotor speed - 600	rpm	●	○
Rotor speed change		Pulley swap	Speed reduction kit
Flipover wide spreading rear sections		NA	○
Mower headland clearance	in. (mm)	15.7" (400)	24" (600)
Functional control		Tractor's hydraulic outlet	Electrical control box
Hydraulic system type		–	Open center w/ free return to sump
Hydraulic flow requirement	gpm, (lpm)	6.6 - 13.3 (25-50)	6.6 - 13.3 (25-50)
Hydraulic pressure requirement	psi (bar)	2175 - 2900 (150-200)	2175 - 2900 (150-200)
Hydraulic requirements		1 SA	1 SA and 1 DA
Transport lighting		–	●
Transport lighting requirement (if equipped)		–	ASAE 7 Pin
Electrical requirements		–	12 volts

● Standard ○ Optional – Not Available





VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers. You might call that instinct, but we call it fieldSMART.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.

NEW HOLLAND TOP SERVICESM

TOTAL SUPPORT, TIMELY INFORMATION FOR NEW HOLLAND CUSTOMERS.



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TOP SPEED

Express parts delivery when and where you need it.

TOP PRIORITY

Fast-track solutions maximize your productivity — because your harvest can't wait.

TOP SATISFACTION

We drive and track the solution you need, keeping you informed — until you are back to work.

TOP SERVICE IS MANAGED IN CLOSE PARTNERSHIP WITH NEW HOLLAND DEALERS AND SERVICE TEAMS.



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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.