

# New Holland Disc Mowers

615 616 617

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**NEW HOLLAND**



MODELS 615, 616 AND 617

# Disc mowers with an attitude

If you routinely experience difficult cutting conditions, New Holland disc mowers are designed to play tough. Forget about fire ant hills, gopher mounds and thick, wet grasses — they're no match for a New Holland disc mower.

Travel as fast as ground conditions will allow with the five, six, or seven-disc modular cutterbar. It's the same rugged design used on New Holland Discbine® disc mower-conditioners. They all breeze through the toughest condi-

tions with non-stop, trouble-free cutting for a clean, even cut in less time.

Tough — with a quiet side. New Holland disc mowers are designed for quiet operation. Tough — but easy on you.



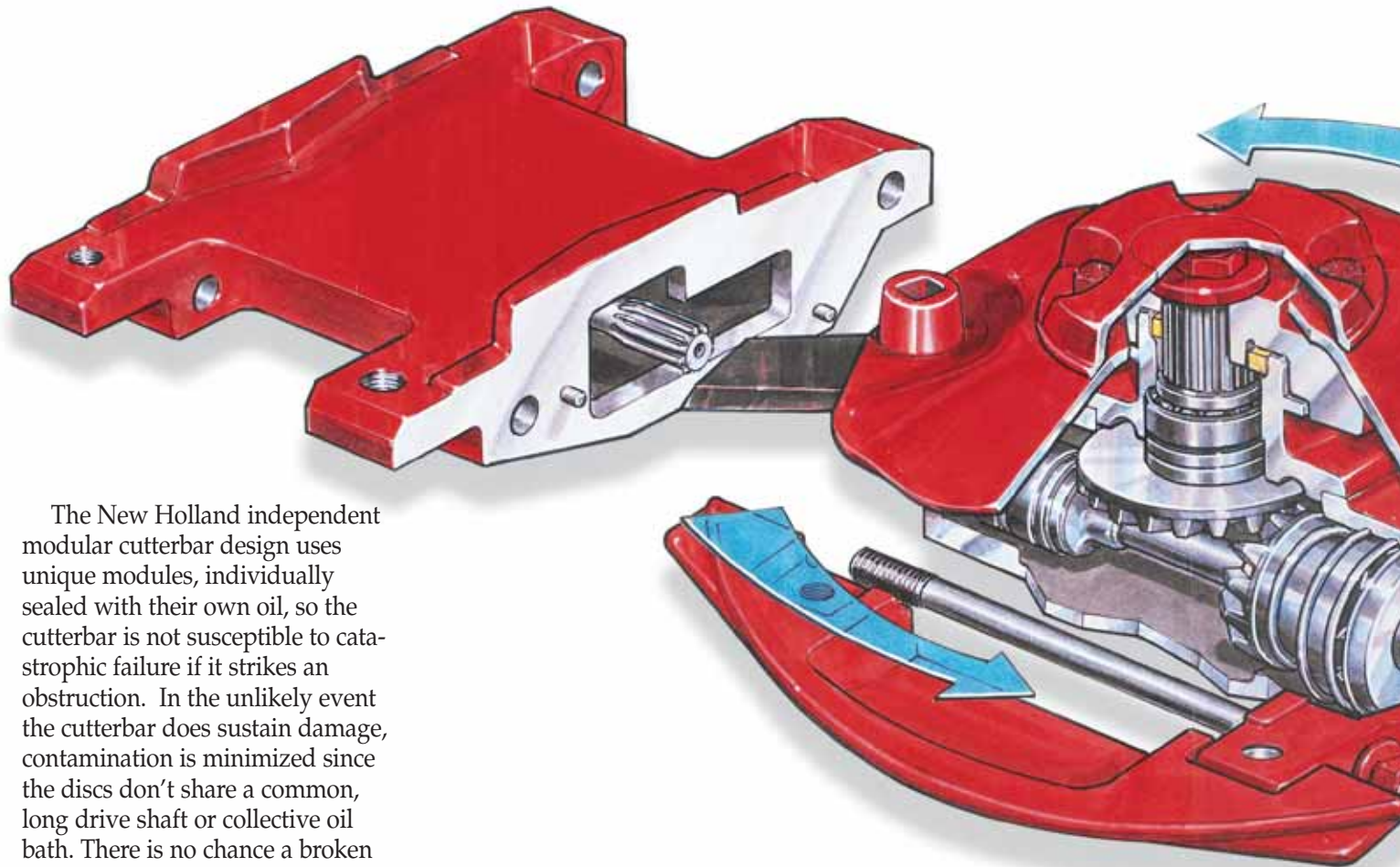
### Strength of design

New Holland disc mowers use small-diameter, steep-profile discs that act as a “natural lifter” for your crop. Their special shape improves crop flow, reduces streaking, and leaves you with a

fluffier swath for improved drying. Smooth profile discs provide better wear and long life. Unlike competitive designs, New Holland discs don't have a ribbed surface to wear out. Discs are  $\frac{3}{16}$ " thick and heat-treated for added strength and impact resistance.

INDEPENDENT DESIGN / DURABLE CONSTRUCTION...

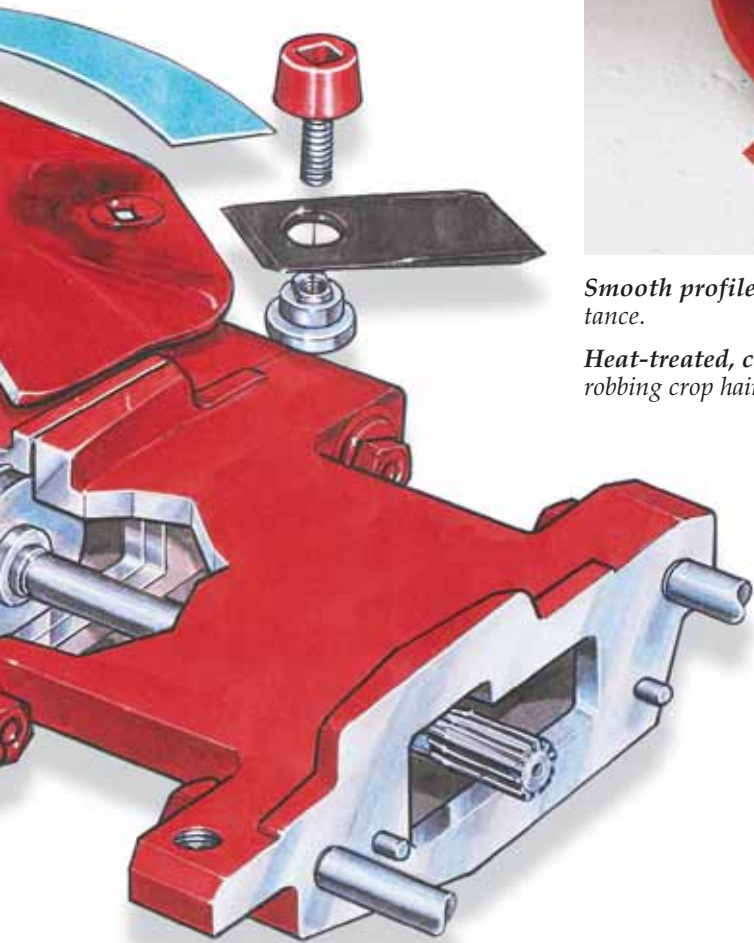
# The most advanced modular cutterbar on the market



The New Holland independent modular cutterbar design uses unique modules, individually sealed with their own oil, so the cutterbar is not susceptible to catastrophic failure if it strikes an obstruction. In the unlikely event the cutterbar does sustain damage, contamination is minimized since the discs don't share a common, long drive shaft or collective oil bath. There is no chance a broken gear tooth could migrate into other components and cause major damage.

Each module is driven by short, independent, heat-treated and splined drive shaft sections that reduce replacement cost and make repair easy. Simply remove the tie bolts, and in minutes you can slide a module or spacer off for repair or replacement.

The New Holland modular design also provides better lubrication. With individually sealed gear cases, gears and bearings are fully lubricated — even when cutting on slopes or at an angle.



*The New Holland modular cutter bar design combines excellent durability and cutting performance with easy maintenance.*



*Smooth profile discs are  $\frac{3}{16}$ " thick and heat-treated for strength and impact resistance.*

*Heat-treated, conical-shaped cutterbar knife bolts reduce wear and power-robbing crop hairpinning, while delivering excellent crop flow across the cutterbar.*



*Skid shoes are  $\frac{1}{4}$ " thick and 8" wide to protect the disc modules from obstacles. They extend behind the module several inches for optimum flotation and extended wear life of the shoe. Their unique shape works with cutterbar tilt to provide a broad range of cutting heights.*

*Rock guards are made of thicker, heat-treated ductile iron for longer wear compared to competitive rock guards which are stamped out of sheet metal. Rock guard and skid shoe replacement is as easy as it gets — just remove two bolts to replace.*

# Operation, adjustment and servicing are easy



*Plugging is a thing of the past because there's no connection between the right end of the cutterbar and the canopy support.*



*Unique "T-seal" washer is positioned between each pivot arm and bevel gearbox to prevent sand and dirt from entering and damaging the pivot bushings. An additional lip seal is positioned toward the outside of the pivot arms to protect against damage from debris.*



*Cutterbar transport lock engages automatically for a secure hold. Just pull the cord to release.*



*If you choose to windrow, a left-hand drum and swathboard are available.*



*A spring-loaded breakaway latch protects the cutterbar by allowing it to swing back the instant an object blocks the cutter path. Simply back up to re-engage the latch.*

## Servicing made easy

When it comes to servicing, the easier the better. No one else makes it this simple.



*Cutter bar service couldn't get much easier. Check the oil in the modules every 50 hours with the convenient dipstick provided in the cap. Change the oil once a season or every 200 hours. For even more convenience, only one type of oil (80W90,GL5) is needed for all locations.*



*Convenient jack stand storage and installation. Remove the tethered pin to install the jack. Flotation spring force is released automatically.*



*Exclusive V-belt tension spring has 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 the turn of a nut.*



*Heavy-duty knives are double-edged and reversible for twice the mowing life. Changing them is a snap — you don't have to bother raising the cutterbar like some competitors. Bolts are located on top for easy removal with the disc in any position.*

## SPECIFICATIONS

Model 615	Model 616	Model 617
5 discs	6 discs	7 discs
6'8" (2.03m) cut	7'10" (2.39m) cut	9'2" (2.75m) cut
3000 rpm disc speed	3000 rpm disc speed	3000 rpm disc speed
176 mph knife tip speed	176 mph knife tip speed	176 mph knife tip speed
Minimum 45 hp PTO required	Minimum 55 hp PTO required	Minimum 60 hp PTO required

# You'll find it at the blue and white sign.



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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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