TWO-SPEED ROLL CONDITIONING

New Holland’s new best-in-class WideDry™ conditioning system features chevron design intermeshing roller rolls, chevron intermeshing rolls or leaningedge™ rolls that are more than 25% wider than the rollers on previous models. This results in a crop mass that is thinner and flows more smoothly and evenly through the conditioning system for more uniform conditioning and faster drydown. Crop conditioning more uniformly from the collector to the conditioning system, replacing crop feeding issues, particularly in thick grasses and other high-volume crops.

LEANINGEDGE™ FLAIL CONDITIONING

For fast drying of grass hay, choose New Holland’s leaningedge™ flail conditioning. The 20-degree tangent of LeaningEdge™ flails causes more outward pressure, pushing crop against the adjustable hood for more aggressive conditioning, and releasing at the ideal moment to prevent carry-around. Fast drying results in windrows. A slow-speed kit is also available for the leaningedge™ flail conditioning system.
CLOSER CUTTING, FASTER DRYDOWN, INCREASED DURABILITY

New Holland has taken the Discbine™ pressurized conditioner to a new level with two new center-cut models. Combining both speed and performance, the new models enhance the entire Discbine™ line with a new 4.0 metre and 4.95 metre Disc Mower Conditioner. The new Discbine® 313 and Discbine® 316 are designed with increased durability and features that lead to cleaner cutting, more efficient crop flow and smoother, more effective conditioning.

NEW MOWMAX™ II LARGE DISC CUTTERBAR

The largest MowMax™ II cutterbar features larger discs with larger sheave gears, larger polyimide shielding for maximum durability. This design has larger gears and one pair of wet splines to provide extra protection where the torque throughput is the greatest. The rugged MowMax™ II cutterbar features larger discs with larger, heavier gears, bearings and interconnecting shafts for maximum durability. This design has larger gears and one pair of wet splines to provide extra protection where the torque throughput is the greatest. The larger discs and wider conditioning system combine to provide cleaner cutting, better crop flow and more consistent drying. You can lay down a wide swath to more sun exposure and better natural drying. Co-rotating disc modules have been eliminated on the Discbine 313 and reduced to one pair on each end of the Discbine 316. This greatly reduces the transition of crop to the conditioner for more uniform conditioning. Adjustable windrow shields and a new spring-assisted swathgate adjustment lever make it easy to customize windrow and swath formation.

NEW IMPROVED CROP FLOW

The larger disc and wider conditioning system combine to provide cleaner cutting, better crop flow and more consistent drying. You can lay down a wide swath to more sun exposure and better natural drying. Co-rotating disc modules have been eliminated on the Discbine 313 and reduced to one pair on each end of the Discbine 316. This greatly reduces the transition of crop to the conditioner for more uniform conditioning. Adjustable windrow shields and a new spring-assisted swathgate adjustment lever make it easy to customize windrow and swath formation.

NEW SIMPLIFIED DRIVELINES

Choose either the double swell hitch or 2-point swivel hitch and get maximum cutting performance with zero drive-line wrap-up. PTO power is transferred from the front swivel gearbox to a second swivel gearbox at the rear of the tongue that maintains perfect alignment of the output driveline to the cutterbar- and conditioner-drive gearbox on the left side of the unit. The new MowMax II cutterbar’s smart design allows driving the cutterbar from only one end, which simplifies maintenance and leaves the top of the header uncluttered. While all u-joints are easily accessible for easy servicing, tube internal has been extended to 90 hours so you spend less time on daily maintenance.

NEW IMPROVED FLOATATION

Improved header attaching link geometry contributes to more responsive flotation. The rear pivot points of the links that attach the header to the trail frame are lower than the front pivot points, allowing the header to move up and maintain that you encounter an obstacle. In addition, the upper end of the flotation springs are anchored with a ball-and-socket arrangement that eliminates any binding as the header moves through its floatation range.

NEW BIODMAX KIT

The Biomax Kit includes extra-high skid shoes for the increased cut height and longer double-decked/bleeder hay crops. Lift-out dual channels shop the crop end-to-end to maintain good flotation, even when cutting well off of the ground. A separate splitter bar is available to push tall crops forward and maintain cut quality. (Available as a Dealer Installed Accessory at extra cost.)

2-YEAR WARRANTY PROTECTION

You not only get the best disc cutting performance in the industry, you get peace of mind and 24 months of protection coverage. That’s 24 months of additional protection on the MowMax II cutterbar and driveline after the base one-year warranty on the full machine. It’s a New Holland exclusive.

NEW EASIER ACCESS

Lightweight poly bifold shields provide easy access to the cutterbar and restrict dewatering. Material overlap keeps curtains in place without the need for clips or magnets. The driven end access steel door is double plated to restrict dewatering in that area too.

REPLACEMENT KNIVES TO MATCH FIELD CONDITIONS

The Discbine™ 313/316 can be equipped with a choice of six different cutterbar knives, depending on crop conditions and soil types. All knives feature two cutting edges, are available from the parts department, and can be reversed for double the cutting life.

• 14-degree smooth knives are standard on the Discbine® 313/316. They provide a smooth cutting action and reduced power consumption.

• 18-degree serrated knives offer the same advantages as 14-degree smooth knives, with extended wear in abrasive conditions.

• 14-degree smooth knives are more effective in down crop conditions by providing more crop lift.

• 18-degree serrated knives offer the same advantages as 14-degree smooth knives, with extended wear in abrasive conditions.

FIELD CONDITIONS

REPLACEMENT KNIVES TO MATCH FIELD CONDITIONS

<table>
<thead>
<tr>
<th>Field Conditions</th>
<th>Replacement Knives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light crops</td>
<td>14-degree smooth</td>
</tr>
<tr>
<td>Short crops</td>
<td>14-degree smooth</td>
</tr>
<tr>
<td>Medium crops</td>
<td>18-degree serrated</td>
</tr>
<tr>
<td>Heavy crops</td>
<td>18-degree serrated</td>
</tr>
</tbody>
</table>

EASIER ACCESS

Lightweight poly bifold shields provide easy access to the cutterbar and restrict dewatering. Material overlap keeps curtains in place without the need for clips or magnets. The driven end access steel door is double plated to restrict dewatering in that area too.

A WIDE SELECTION OF SKID SHOES

New Holland provides you with a choice of skid shoes to match your cutting needs.

<table>
<thead>
<tr>
<th>Skid Shoe Type</th>
<th>Cutting Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Height (standard)</td>
<td>19 to 70mm</td>
</tr>
<tr>
<td>Adjustable option</td>
<td>19 to 146mm</td>
</tr>
<tr>
<td>High Clearance option</td>
<td>36 to 146mm</td>
</tr>
<tr>
<td>BioMass option</td>
<td>127 to 197mm</td>
</tr>
</tbody>
</table>