Product Comparison – 3-Point Disc Mowers

VS.

KRONE

VS.

KUHN

NEW HOLLAND AGRICULTURE
EasyCut Disc Mower Features

Gearbox is located behind the inner cutting drum.
- Gearbox is protected
- No inner shoe
- Smoother crop flow
- Lowers drag and horsepower requirements

Direct drive via drive shaft.
- No belts to replace or adjust
- No risk of throwing a belt in the field

EC Series
- Center of gravity flotation
- Even weight distribution for a cleaner cut and less skid shoe wear
- One spring adjustment – easier/more convenient
- Parallel linkage – better flotation on uneven ground

Large Spur Gears (7 15/16”)
- Slow running
- Extremely quiet

AM Series
- Double spring suspension
- Inner & outer-end adjustments
- Pivot point is not on gearbox

Strong, one piece cutterbar.
## Flotation

<table>
<thead>
<tr>
<th>Spring Flotation</th>
<th>EC Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>-less flotation</td>
<td>-center of gravity flotation</td>
</tr>
<tr>
<td>-more skid shoe wear</td>
<td>-even weight distribution for a cleaner cut and less skid shoe wear</td>
</tr>
<tr>
<td>-pivot point is on the gearbox</td>
<td>-one spring adjustment – easier/ more convenient</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AM Series</th>
<th>Spring Flotation</th>
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<tr>
<td>-double spring suspension</td>
<td>-less flotation</td>
</tr>
<tr>
<td>-inner &amp; outer-end adjustments</td>
<td>-more skid shoe wear</td>
</tr>
<tr>
<td>-pivot point is not on gearbox</td>
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Electronic over hydraulic system.
- complicated
- no parallel linkage = less flotation
- heavy = requires a larger tractor
- pivot point is on the gearbox

Electronic over hydraulic system.
- complicated
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- pivot point is on the gearbox

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Cutterbar Drive

**Belt driven.**
- require adjusting and replacement
- belts can be thrown while in the field

**Direct drive via drive shaft.**
- no belts to replace or adjust
- no risk of throwing a belt in the field

**Belt driven.**
- require adjusting and replacement
- belts can be thrown while in the field
Gearbox Placement

Gearbox is located to the left of the inner mower drum.
- requires an inner shoe for stability and protection
- crop can wrap around the inner shoe restricting the crop flow

Gearbox is located behind the inner cutting drum.
- gearbox is protected
- no inner shoe
- smoother crop flow
- lowers drag and horsepower requirements

Gearbox is located to the left of the inner mower drum.
- requires an inner shoe for stability and protection
- crop can wrap around the inner shoe restricting the crop flow
Cutterbar

Two piece bar.
- bolted together
- o-ring between the two halves
- internal framework is boxed
- tall profile – must tilt hitch to obtain a close cut
- more wear on the skid shoes and cutting disc

Strong, one piece cutterbar.
- solid weld
- no bolts or seals
- 1 oil reservoir
- wedge-shaped
- low profile allows for close cut without tilting hitch
- less wear on skid shoes and cutting disc

Segmented Bar
- individual units bolted together with an o-ring between each unit
- individual oil reservoirs, oil levels must be checked at each reservoir
- very heavy over angle design
- very tall profile requires tilting of the hitch to obtain a close cut
- more wear on skid shoes and cutting discs
Cutterbar - Gears

**Inline Drive Concept**
- small diameter gears (5 10/16”)
- fast running – 2,250 RPM
- higher wear
- only two teeth per gear are in contact at a time
**Removable pinion gears.**
- bolt to cutterbar using only 4 studs

**Large Spur Gears** (7 15/16”)
- slow running, 800 RPM
- extremely quiet
- three teeth on gears are in contact at all times
- smaller offset pinion gears drive the discs
**Removable pinion gears.**
- bolt to cutterbar using 7 – 10 studs

**Angled Gearbox Shaft Drive**
- 2 4/16” gear diameter
- fast running – 4,925 RPM
- noisy
- increased wear
- only two teeth of the gears are intermeshing at a time
EasyCut 3-Point Disc Mowers

Quick-Change Blades
- for protection blades
  can rotate 360°

EasyCut Balance
- center of gravity flotation
- even weight distribution for a cleaner cut
  and less skid shoe wear
- one spring adjustment – easier/more convenient
- parallel linkage – better flotation on uneven ground

Large Spur Gears (7 15/16”)
- slow running, 800 RPM
- extremely quiet
- three teeth on drive gears in contact at all times
- smaller offset pinion gears drive the discs

Direct Drive from tractor to cutterbar – NO BELTS!
- best power transmission

Cutterbar
- strong
- one piece (solid weld)
- no bolts or seals
- one oil reservoir

Low-Profile Cutting Disc
- smooth crop flow
Individual replacement of all wear parts.
## EasyCut 3-Point Disc Mowers

<table>
<thead>
<tr>
<th>MODEL</th>
<th>EC 280</th>
<th>EC 320</th>
<th>EC 360</th>
<th>EC 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUTTING WIDTH</td>
<td>8’8”</td>
<td>10’2”</td>
<td>11’6”</td>
<td>13’</td>
</tr>
<tr>
<td>DISCS</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>BLADES PER DISC</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BLADE TIP SPEED</td>
<td></td>
<td></td>
<td>3150 RPM</td>
<td></td>
</tr>
<tr>
<td>CUTTERBAR DRIVE</td>
<td></td>
<td></td>
<td>PTO Shaft</td>
<td></td>
</tr>
<tr>
<td>TRANSPORT LIFT</td>
<td></td>
<td></td>
<td>Hydraulic</td>
<td></td>
</tr>
<tr>
<td>POWER REQUIREMENT (HP)</td>
<td>55</td>
<td>65</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>WEIGHT (LBS)</td>
<td>1,367</td>
<td>1,541</td>
<td>1,984</td>
<td>2,116</td>
</tr>
</tbody>
</table>
AM 3-Point Disc Mowers

Fully welded, wedge-shaped cutterbar.
- low profile for smooth crop flow
- wide (10”), bolted-on skid shoes

Satellite Drive System
- large Spur Gears
- slow running, 800 RPM
- extremely quite
- smaller offset pinion gears drive the discs

Direct Drive from tractor to cutterbar – NO BELTS!
- best power transmission

Double spring suspension
- inner & outer-end adjustments
- pivot point is not on gearbox

Gearbox is mounted behind the first cutting drum eliminating the need for an inner shoe
- smoother crop flow
### AM 3-Point Disc Mowers

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AM 203</th>
<th>AM 243</th>
<th>AM 283</th>
<th>AM 323</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUTTING WIDTH</td>
<td>6’6”</td>
<td>7’10”</td>
<td>9’2”</td>
<td>10’6”</td>
</tr>
<tr>
<td>DISCS</td>
<td>5</td>
<td>6</td>
<td>7</td>
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<tr>
<td>BLADES PER DISC</td>
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<td>BLADE TIP SPEED</td>
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<td></td>
<td>3150 RPM</td>
<td></td>
</tr>
<tr>
<td>CUTTERBAR DRIVE</td>
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<td></td>
<td>Drive Shaft</td>
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<tr>
<td>TRANSPORT LIFT</td>
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<td></td>
<td>Hydraulic</td>
<td></td>
</tr>
<tr>
<td>POWER REQUIREMENT (HP)</td>
<td>40</td>
<td>45</td>
<td>55</td>
<td>65</td>
</tr>
<tr>
<td>WEIGHT (LBS)</td>
<td>948</td>
<td>1,092</td>
<td>1,235</td>
<td>1,367</td>
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</tbody>
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## Multidisc 3-Point Mowers

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pinion gear</td>
<td>Bolts to the cutterbar using only 4 studs.</td>
</tr>
<tr>
<td>Belt Drive</td>
<td>-puts more stress on the mower -requires adjusting and replacement -belts can throw in the field</td>
</tr>
<tr>
<td>Bolt On Blades</td>
<td>-no quick change system -changing blades becomes time consuming</td>
</tr>
<tr>
<td>Inner Shoe</td>
<td>-used to stabilize the gearbox -material can wrap between the first disk and the gearbox</td>
</tr>
<tr>
<td>Cutterbar</td>
<td>-two pieces bolted together -o-ring between the halves</td>
</tr>
<tr>
<td>Inline Drive Concept</td>
<td>-small diameter gears (5 10/16”) -fast running – 2,250 RPM -higher wear -only two teeth per gear are in contact at a time</td>
</tr>
<tr>
<td>Swath Wheel</td>
<td>-may restrict crop flow -can cause wrapping and plugging</td>
</tr>
</tbody>
</table>

Curtain must be raised before going into transport mode.

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## Multidisc 3-Point Mowers

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GMD 55</th>
<th>GMD 66</th>
<th>GMD 400</th>
<th>GMD 500</th>
<th>GMD 600 HD</th>
<th>GMD 700 HD</th>
<th>GMD 800 HD</th>
<th>GMD 802</th>
<th>GMD 902</th>
<th>GMD 4010</th>
<th>GMD 4410</th>
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</thead>
<tbody>
<tr>
<td>CUTTING WIDTH</td>
<td>6’7”</td>
<td>7’10”</td>
<td>5’3”</td>
<td>6’7”</td>
<td>7’10”</td>
<td>9’2”</td>
<td>10’2”</td>
<td>10’2”</td>
<td>11’7”</td>
<td>13’</td>
<td>14’3”</td>
</tr>
<tr>
<td># OF DISCS</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>10</td>
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<tr>
<td>BLADES PER DISC</td>
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<tr>
<td>BLADE TIP SPEED</td>
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<td>3,000 RPM</td>
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<tr>
<td>CUTTER-BAR DRIVE</td>
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<td></td>
<td></td>
<td></td>
<td>BELT</td>
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<td>TRANSPORT LIFT</td>
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<td>POWER REQUIREMENT (HP)</td>
<td>35</td>
<td>42</td>
<td>30</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>75</td>
<td>70</td>
<td>80</td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td>WEIGHT (LBS)</td>
<td>891</td>
<td>995</td>
<td>835</td>
<td>941</td>
<td>1,102</td>
<td>1,280</td>
<td>1,420</td>
<td>1,764</td>
<td>1,962</td>
<td>2,280</td>
<td>2,380</td>
</tr>
</tbody>
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3-Point Disc Mowers

**Single Flotation Spring**
- less flotation
- more skid shoe wear
- pivot point is on the gearbox

**Belt Driven**
- require adjusting and replacement
- belts can be thrown while in the field

**Gearbox is located to the left of the inner mower drum.**
- requires an inner shoe for stability and protection
- crop can wrap around the inner shoe restricting the crop flow

**Angled Gearbox Shaft Drive**
- 2 1/4” gear diameter
- fast running – 4,925 RPM
- noisy
- increased wear
- only two teeth of the gears are intermeshing at a time

**Segmented Bar**
- individual units bolted together with an o-ring between each unit
- individual oil reservoirs
- very heavy over angle design
- very tall profile requires tilting of the hitch to obtain a close cut
- more wear on skid shoes and cutting discs
# 3-Point Disc Mowers

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<tr>
<th>Model</th>
<th>H6730</th>
<th>H6740</th>
<th>H6750</th>
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<tbody>
<tr>
<td>Cutting Width</td>
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<td>Cutter-Bar Drive</td>
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<td>Belt</td>
<td></td>
</tr>
<tr>
<td>Transport Lift</td>
<td></td>
<td>Hydraulic</td>
<td></td>
</tr>
<tr>
<td>Power Requirement (HP)</td>
<td>45</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>Weight (LBS)</td>
<td>1,200</td>
<td>1,460</td>
<td>1,590</td>
</tr>
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