### GENERAL DIMENSIONS

**NICHOLSON A6 DEBARKER BY RING SIZE**

<table>
<thead>
<tr>
<th>Ring Size</th>
<th>Dimensions: Inches (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>154.3 (392) 154.3 (392) 154.3 (392) 154.3 (392) 154.3 (392)</td>
</tr>
<tr>
<td>27</td>
<td>94.0 (239) 94.0 (239) 94.0 (239) 94.0 (239) 114.0 (290)</td>
</tr>
<tr>
<td>35</td>
<td>47.0 (119) 47.0 (119) 47.0 (119) 47.0 (119) 57.0 (145)</td>
</tr>
<tr>
<td>44</td>
<td>158.9 (404) 158.9 (404) 158.9 (404) 185.7 (472)</td>
</tr>
<tr>
<td>55</td>
<td>13.75 (35) 13.75 (35) 13.75 (35) 13.75 (35) 25.50 (65)</td>
</tr>
</tbody>
</table>

The manufacturer reserves the right to make changes or add improvements at any time without incurring any obligation to make changes on machines manufactured previously. Actual product may vary from photograph, illustration and description.
The Nicholson A6 Debarker is designed for mills that process moderate quantities of high value hardwoods and softwoods. Applications where superior fiber protection, very clean debarking and a steady and reliable supply of logs into the mill are the keys to increased profitability.

The A6 combines high reliability, low maintenance, low capital cost, excellent bark removal and maximum protection of your valuable wood fiber.

The A6 is a rugged in-line debarker where the log is not stopped or taken off-line as in cutter-head type systems.

The A6 avoids another major problem of cutter-head, flail and drum debarker systems; fiber damage.

The smooth action of the A6’s spinning ring removes the bark at the cambium layer without disturbing valuable wood fiber.

This makes the A6 an excellent investment that will pay for itself very quickly compared to other less ‘fiber friendly’ systems.

Installing or retrofitting is simple, thanks to the fixed height feedworks and sliding ring design of the A6.

The bottom of the log always stays at a constant height, letting you use simple conveyors or hourglass rolls to feed the debarker.

Both log feeding and debarking are automatic. The operator also has a full array of preset knife arm pressure overrides to fine tune the debarking of each individual log. This is great for situations where you have mixed species, large diameter ranges or unpredictable log conditions.

When a log enters the A6, the debarking ring automatically slides up or down to center on the incoming log.

Powerful hydraulic cylinders on the hold-down rolls smoothly and accurately hold each log, even crooked or frozen wood.

Fabricated chain that is easy to repair and replace on-site is provided in the standard feedworks configuration.

The Nicholson A6 is available in 22, 27, 35 and 44 inch ring sizes, and in single or tandem ring configurations.

You can even get a tandem ring A6 with the patented Nicholson Stringy Bark Slitter Ring for species that have fibrous bark and are difficult to debark, convey or hog. This ring solves all three of these problems at once!

Proven Nicholson Air Seal rings are standard on the A6. These variable pressure Air Seal rings let you adjust debarking pressure, or open and close the knife arms, during debarking.

A6 rings are the same rings used on Nicholson’s other debarkers, including the advanced Nicholson A5B and A8 highspeed debarkers.

A complete hydraulic power unit with oil heater, all final drives (motors optional), automatic ring centering, and pre-plumbed air and electrical circuits are all standard on the A6.

The A6 is a tough and simple design. It is also a design that can grow as your needs change. We offer options like Electronic Ring Centering and Analog Proportional Knife Arm Pressure Control for enhanced small / large log debarking.

Profitably debarking high value logs requires special tools. Now there is a tough and heavily built economical debarker designed just for your application: The Nicholson A6.