



## ROTARY CUTTER BLADES

### OEM... There is a Difference

**Schulte Industries Ltd.** recognizes that the mowing blades are a significant component of a rotary cutter and must be used properly as described in the operator's manual. The blades are intended to cut grass, weeds and brush in a controlled manner. If the blades come in contact with solid objects such as rocks, ground, road surfaces, concrete abutments, steel posts, etc., they can become damaged, bent or even broken.



Schulte stamp for easy identification.

**We at Schulte** believe we provide the highest quality blades in the industry. Our rotary cutter blades are manufactured to exacting standards and specifications that require strict chemical, strength and performance characteristics. "Will-fit" blades do not provide all of these quality checks, value - added procedures and performance requirements that are standard with Schulte blades.

**At Schulte safety is number one** and that is why we go the extra mile to provide the best blade possible to our users.

Blades and materials are tested in blade lots or material heats as prescribed by industry standards.

#### Industry Standard Tests

- 1) Minimum Hardness
- 2) Ductility Bend test
- 3) Charpy V-notch impact strength test

#### Schulte goes the extra mile

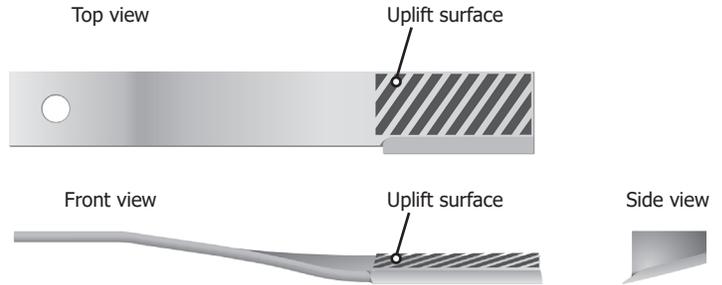
- 4) Part Number & Lot Code
- 5) Surface carbon loss test
- 6) Microstructure purity inspection
- 7) Material chemical analysis
- 8) Fatigue life testing
- 9) Smooth formed radius on perimeter of blade bolt hole surfaces around the bolt holes

**World Class Built to Last**

[schulte.ca](http://schulte.ca)

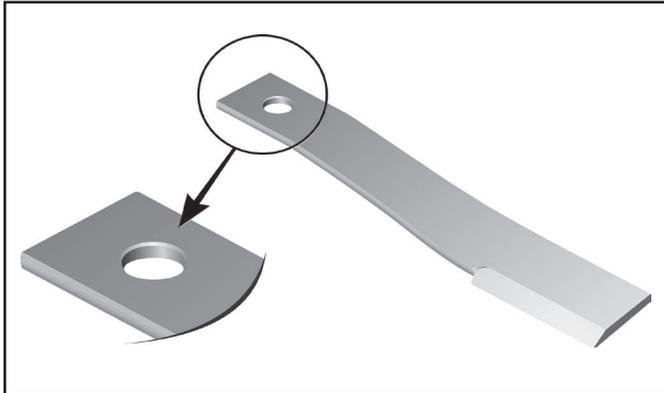
# Super Updraft Blade Design

**Schulte blades generate greater lift.** Compare the area and angle of the updraft edge on a Schulte blade to competitors' blades and you will see why the Schulte Super Updraft Blade creates more lift. The Schulte blade has a much larger uplift surface inclined at 14°. More lift allows faster forward speeds while still producing a clean cut. You can also achieve cleaner cutting even at higher cutting heights with Schulte Super Updraft Blades.



**Even the best blades can be abused or used to the point of failure and breakage.** Therefore, the operator is the most important component of mowing safety and must control the mower and tractor to prevent inadvertent contact of the blades with solid objects. If blades contact a solid object, they must be inspected immediately for damage.

Any nicks or gouges that are over 1/2" deep require the blade to be replaced. Replace blades if normal blade wear exceeds 1/2" from the original size of the blade.



**A stress riser is created** when the blade bolt hole is punched out. The abrupt 90° change in direction is highly susceptible to increased stresses that may cause cracks or failures in the blade. Schulte strives to provide optimum blade design and construction so you can enjoy longer blade life. **A formed radius on the edge of the blade bolt hole** helps alleviate any weak points in the blade bolt area.

**IMPORTANT!** When replacing blades, always replace the blade bolts and locknuts. If blade bolts and nuts are reused, they may not properly hold the torque and retain the blades. Always replace blades in pairs for smoother operation and to reduce potential damage from vibration. **For your safety and to guarantee optimum product reliability, always use genuine Schulte replacement parts.** The use of "will-fit" blades may void the warranty of your Schulte mower and may increase the likelihood of blade failure, which could result in serious injury. If you have any questions concerning the blades you are using or want to purchase genuine Schulte blades, contact Schulte Industries Ltd.

**Schulte offers various styles of blades from updraft to super updraft, in 4" and 5" widths, as well as brush blades. Schulte 5" blades offer a longer product life and more updraft across a wider blade, which results in more lift and a cleaner cut. For a complete breakdown of the various blade styles and sizes that Schulte offers, please contact us:**



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