

KÜPER®

IMPACT SX

Snowplow blades

UltraCast Combination Blade



IMPACT SX UltraCast Combination Blade

THE ULTRACAST COMBINATION BLADE FOR ALL TYPES OF SNOWPLOWS AND MULTIPLE ROAD SURFACES*.

New standards in snow removal!

A flexible combination blade utilizing Kueper's proprietary "UltraCast" material, the new IMPACT SX raises the bar in wear efficiency and performance. Developed in partnership with the worlds leading manufacturer in unique castings for the most severe crushing and shredding applications, Kueper's new UltraCast is specially formulated to resist impact and abrasion while providing the most cost effective wear life in new snowplow blade technology and replacements.

Using the identical format and geometry as the legendary Kueper TUCA SX blades, the new blade is designed with the same ease and efficiency Kueper is known for – no adapters or other mechanisms required – simply mount the sections directly to the plow. IMPACT SX is also designed to be fully compatible with the Kueper Blade Saver Plus Guards and Wear-Plate systems.

IMPACT SX incorporates the UltraCast inserts within a custom rubber matrix for greater flexibility over the road surface. IMPACT SX maintains good cutting while providing the same quiet and effective clearing. IMPACT SX is perfect for larger fleets, tough applications and higher speed speed plowing. With proper guarding, IMPACT SX is perfect for front plow, wing plow, underbody plow and to plow applications.

+400 %

Conventional Carbide Blade

IMPACT SX

IMPACT SX Features

- ✓ Wave Technology
- ✓ Extremely durable
- ✓ UltraCast inlays
- ✓ For the toughest jobs
- ✓ Excellent scraping properties
- ✓ Stands up to obstacles and uneven roads
- ✓ No damage to the road surface
- ✓ Can be used on all road surfaces except dirt and gravel.

Areas of Use



* Not for use on gravel or dirt roads.



Materials

Steel

Rubber

Steel

UltraCast Inlays



UltraCast Inserts

Kueper's UltraCast high performance castings have been uniquely formulated for high performance and wear life in the most demanding plowing applications. A combination of several alloys make these castings extremely hard and durable.

Rubber

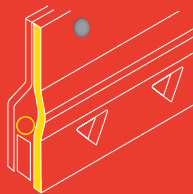
These grades of rubber were developed specifically to meet demanding road conditions. This extremely wear-resistant, flexible and elastic material effectively adapts to changes in the road surface.

Steel

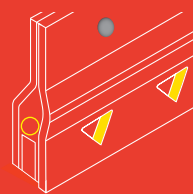
This special wear-resistant 1045 steel is water-hardened to 400 Brinell and has a tensile strength of approx. 195,000 psi. It stands up to the toughest jobs.

Technology

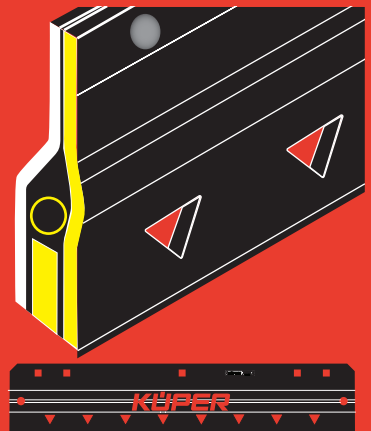
From our CECO ceramic blades comes Kueper shock absorbing technology for the inserts, greatly prolonging wear life and adding even more flexibility to the blade.



The Küper Wave Technology diverts snow across a curved profile for optimal removal. The snow is moved over the mounting elements without resistance.



The Küper Cooling System features special openings to keep the blade from heating up. As on the TUCA SX, the triangles are also a general wear indicator, when the triangles disappear, the blade is more or less worn.



Mounting and Operating Instructions



0



15



35

Driving Direction



- Use only grade 8 mushroom head carriage bolts and appropriate grade 8 locking hardware
- Torque to 150 foot pounds maximum
- May be used at any angle of operation between 0 and 35 degrees
- Sections are standard 12" punch in 3' & 4' (custom and unique punches and sizes available)
- Sections bolt directly to moldboard – no adapters or accessories required

WEAR TECHNOLOGY

Kueper North America, LLC, 171 Church Street, Suite 300
Charleston, SC 29401, info@kueperblades.com

843.345.6788
www.kueperblades.com

