



High-quality flexible carbide snowplow blades: Tuca SX Wave

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

New standards in snow removal!

A state-of-the-art, high performance blade designed for long-term use. Once again, Küper is setting new standards in snow removal with the Tuca SX Wave. Detailed requirements analysis and constant advances in blade development lead to trailblazing product innovations like the patented Küper Wave Technology which uses a curved profile to remove snow without resistance. Separate tungsten holders embedded in rubber and vulcanized between front and rear Hardox 400 steel plate make the TUCA SX incredibly durable. The result is a combination blade with carbide which can stand up to multiple road surfaces encountered while plowing, effectively clearing even the most extreme roads without damaging the surface.

+600 %

Conventional Carbide Blade

TUCA SX Wave

Tuca SX Features

- ✓ Wave Technology
- ✓ Extremely durable
- ✓ Tungsten carbide 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



Highway Country City
Road

* Not for use on gravel or dirt roads.



Materials

Steel

Rubber

Steel

Tungsten Carbide



Tungsten Carbide

A chemical compound consisting of equal parts tungsten and carbon. It is characterized by its extreme hardness, which is nearly as high as that of diamonds. This material stands up to the toughest loads.

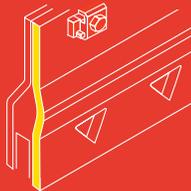
Rubber

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.

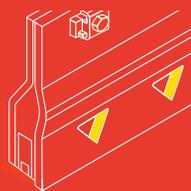
Steel

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.

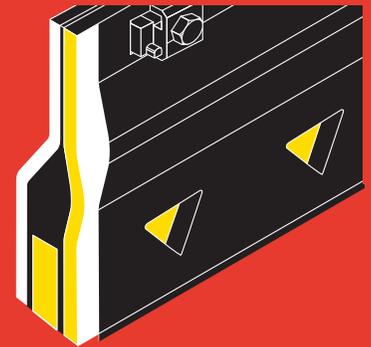
Technology



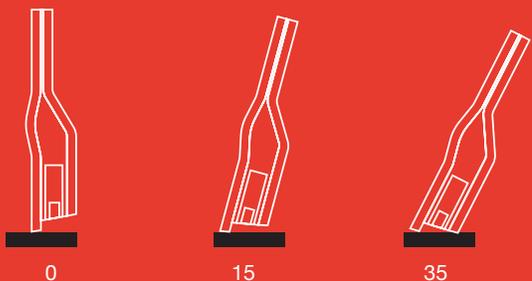
The Küper Wave Technology diverts snow across a curved profile for optimal removal. The snow is moved over the mounting elements without resistance.



The Küper Cooling System features special openings to keep the blade from heating up.



Mounting and Operating Instructions



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

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