



Innovation in motion: Tuca SX Wave

THE SUPER COMBINATION BLADE FOR ALL TYPES OF SNOWPLOUGHS
AND ROAD SURFACES – WITH NEW TECHNOLOGY.

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 analyses 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. A tungsten carbide core integrated in the rubber blade makes the Tuca SX Wave incredibly durable. This metal is nearly as hard as diamonds. The result is a combination blade with carbide which can stand up to rocks and other obstacles. This effectively clears even the most extreme roads without damaging the surface.

Durability

Tuca SX Wave

+ 300 %

Kombi S Wave

Tuca SX Wave

Top performance in materials and usage: The Küper Tuca SX Wave lasts 1200 % longer than conventional steel blades.

+ 1200 %

Steel blade

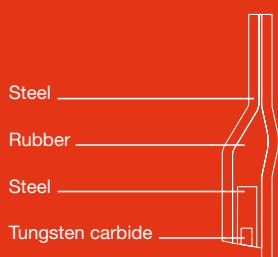
Tuca SX Wave

Functions

- Wave Technology
- Extremely durable
- Tungsten carbide inlays
- For the toughest jobs
- Excellent scraping properties
- Stands up to rocks and uneven roads
- No damage to the road surface
- For all types of snowploughs
- Can be used on all road surfaces



Materials



Tungsten carbide

A non-oxidised ceramic consisting of the elements tungsten and carbon. It is characterised by its extreme hardness, which is nearly as high as that of a diamond. This material stands up to the toughest loads.

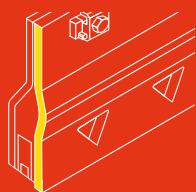
Rubber

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.

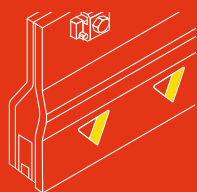
Steel

This special wear-resistant steel is water-hardened to 400 Brinell and has a tensile strength of approx. 1,350 N/mm². It stands up to the toughest jobs.

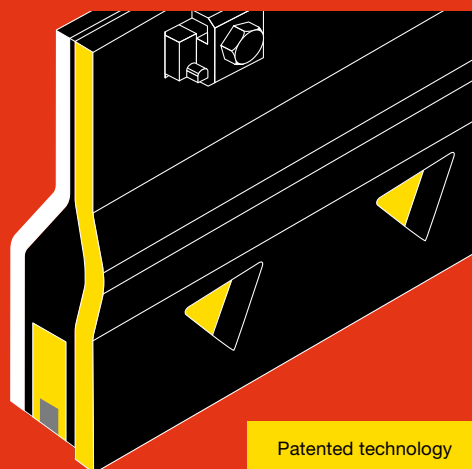
Technology



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.



Patented technology

Areas of use



Motorway



Country road



City

WEAR TECHNOLOGY

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Tuca SX Wave

MA01



Kombi S36 Wave



Kombi S50 Wave

The standard for 20 years

KOMBI S 36 WAVE: THE VERSATILE COMBINATION BLADE FOR THE TOUGHEST JOBS.

KOMBI S 50 WAVE: THE DURABLE COMBINATION BLADE FOR A LONG SERVICE LIFE.

Our combination blades

The S36 Wave and S50 Wave combination blades have been used on the streets of Europe for over 20 years and have set new standards in the field of snow removal. The material composition features a hard, wear-resistant and smooth scraping ceramic core integrated in the rubber. This reduces friction to decrease fuel consumption and noise while protecting the road surface. Our proven products are subject to constant quality monitoring, which allows us to maintain high standards when it comes to the dynamic development and optimisation of our products.

Functions Kombi S36 Wave / Kombi S50 Wave

- Combination blade made of special wear-resistant steel, rubber and ceramic
- Good scraping properties
- All types of snow
- All road surfaces*
- Wave Technology
- With wear indicators

*Except cobblestones

Special functions Kombi S36 Wave

- Long service life
- Minimum fuel consumption
- All types of roads

Special functions Kombi S50 Wave

- Very long service life
- Reduced fuel consumption
- Highways and country roads

Durability

Kombi S36 Wave

+ 250 %

Steel blade

Kombi S36 Wave

Durability

Kombi S50 Wave

+ 350 %

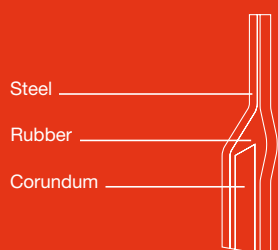
Steel blade

Kombi S50 Wave

Far superior durability: The Küper Kombi S36 Wave lasts at least 250 % longer than conventional steel blades. The Küper Kombi S50 Wave is an impressive 350 % more durable.



Materials



Corundum

The second-hardest mineral in the oxide category. It is especially suited for use as an insert in highly abrasion-resistant snowplough blades. Corundum-moulded parts are produced specifically for our various types of blades.

Rubber

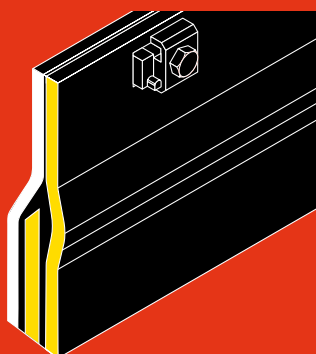
These grades of rubber were developed specifically to meet demanding road conditions. This extremely wear-resistant, flexible and elastic material effectively adapts to changes in the road surface.

Steel

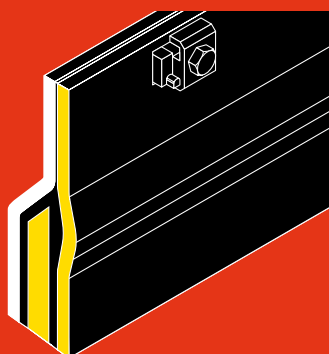
This special wear-resistant steel is water-hardened to 400 Brinell and has a tensile strength of approx. 1,350 N/mm². It stands up to the toughest jobs.

Technology

Kombi S36 Wave



Kombi S50 Wave



The ceramic integrated in the rubber is protected for excellent durability. Indicators show the level of wear and tear, and the non-wearing parts are recyclable.

Areas of use



Motorway



Country road



City

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Kombi S36 Wave
Kombi S50 Wave

MA01



GK5



FK

High-quality blades to protect the roadway

GK 5: THE LOW-NOISE AND ABRASION-RESISTANT RUBBER-CERAMIC BLADE.

FK: THE RUBBER-CERAMIC BLADE ESPECIALLY DESIGNED FOR SPRING-LOADED SNOWPLOUGHS.

No jumping on dry road surfaces

The low-noise GK 5 blade is made of rubber and ceramic. Thanks to the blade's elastic materials and clever design, the GK 5 adapts perfectly to the surface of every road. It is the ideal solution for removing snow in areas which require road surface protection. Küper designed the FK (rubber-ceramic blade) especially for use on spring-loaded plows. This is the only blade on the market which won't jump when used on dry surfaces – an absolute must for every spring-loaded plow. The highly elastic materials, embedded ceramic inlays and specially curved steel fastening neck ensure excellent results while protecting the surface of the road. The blade design keeps it from flipping up.

GK 5 functions

- Long service life
- Good scraping properties
- Protects the road surface
- For all road surfaces, including raised markings
- City and community paths
- Very quiet plowing

FK functions

- Suitable for all spring-loaded snowploughs
- Excellent scraping properties
- Will not jump or rattle
- Protects the roadway and markings
- For all road surfaces
- Streets, paths, car parks
- Very quiet plowing



Materials

GK5

Steel

Rubber

Corundum



FK

Steel

Rubber

Corundum



Corundum

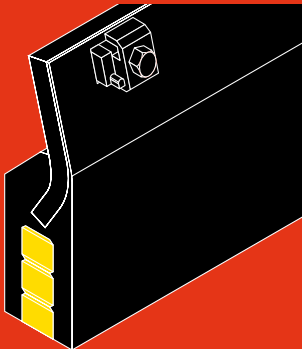
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Rubber

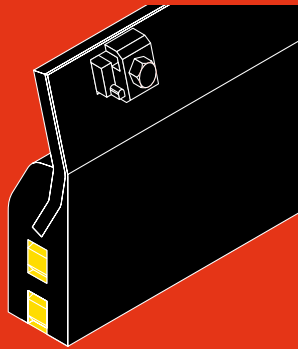
These grades of rubber were developed specifically to meet demanding road conditions. This extremely wear-resistant, flexible and elastic material effectively adapts to changes in the road surface.

Technology

GK5



FK



The construction, which features a core of flexible ceramic inlays, makes the blades more elastic and keeps them from jumping and rattling. The steel fastening neck keeps this easy-to-mount blade from flipping up.

Areas of use



Motorway



Country road



Airport



City



Car park

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GK5/FK

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