



Knives for
RECYCLING INDUSTRY

More than 30 years of experience in recycling industry allow us to optimize your recycling process, reduce the downtime and lower your tool costs.

WHY RAVNE KNIVES?

- Consulting and problem solving based on 60 years of experience,
- different steels in different hardness available (high-speed steels, tungsten carbide, powder steel, etc.),
- complete package of spare parts in one place (screens, knife holders, bolts, wear plates, etc.),
- lower financial costs (stock, consignment stock, etc.),
- best quality EU tool steel,
- heat treatment in vacuum by knife specialists,
- skilled and experienced staff,
- world-wide service network.



PROBLEM SOLVING

Recycling knives are custom manufactured and available in a wide range of different steels and hardness. Opposite to machine builders, (OEM) Ravne Shredder knives can be produced in different versions suited to your waste materials and separation process, thus optimising shredder performance and lowering knife costs.

Thirty years of R&D experience, co-operation and co-development with granulator builders (OEM) allow us to customise knives to your special requirements and to your waste materials, thus improving the durability of knives, increasing machine uptime, lowering energy consumption and enhancing machine output.

Strong tradition, high precision and superb quality make us one of the leading global producers of industrial knives.

KNIVES FOR SHREDDING



Ravne knives for shredding are manufactured from the new generation of alloys with different hardening processes (through-hardened, case-hardened, nitrided, etc.) and heat treated in vacuum to maximise blade performance. Our rich experience in metallurgy enables us to choose the most suitable steel to insure the best relation between toughness and hardness.

We produce knives for all shredder brands such as:
Lindner, Eldan, MTB, Untha, Weima, Mewa, Precimeca,
Wagner, Amni, Ner, Granutech, BMH ...

Knives for the leading manufacturers are held on stock.

KNIVES FOR GRANULATING



Ravne knives for granulation of synthetic, plastic and other waste materials are produced from the best quality steels (standard, bimetal – Duralife, tungsten carbide, etc.), whereas our heat treatment processes and hardening techniques have been perfected through years of experience to enhance the strength and durability of granulating blades.

We produce knives for all granulator brands such as:
Herbold, Amis Zerma, Previero, Tria, Cumberland, Guidetti.
Folcieri, Profing, Wanner, STF, Piovan, Getecha, ...

Ask for Duralife V+ knives!

- Up to three times longer lifetime,
- less grinding and lower service costs.

KNIVES FOR SCRAP METAL RECYCLING

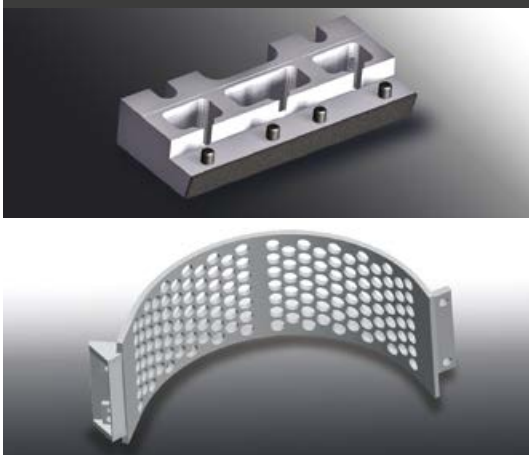


To guarantee the maximum life time and best cutting efficiency, scrap metal recycling knives are manufactured only from high-alloyed tool steels. Through-hardening and custom heat treatment ensure optimal hardness, whereas close tolerance ensures a perfect fit.

Product range: Scrap Shear Knives, Alligator Shears, Baler Shears, Demolition Shears, Guide Knives, Shim Plates, Wear plates.

We produce knives for all scrap metal machine brands such as:
Lefort, Lindemann, Taurus, LaBounty, Bonfiglioli ...

COMPLETE PACKAGE OF OTHER WEAR PARTS



We offer a complete package of other wear parts such as:

Knife holders

Knife holders are produced from different steels (standard, hard-faced, partially hardened – inductive, etc.) and with different hardness with the aim to optimise wear resistance and performance of knives and machines.

Screens

Screens can be produced in various materials (Hardox, ST52, special wear-resistant material, etc.) and hole sizes depending on applications, wear and your individual requirements.

Bolts, washers, nuts (DIN, non-standard)

Other machine wear parts (Wear plates, clamping bars, blade slides, wear rings...).

Welding wires for hard facing

Perfect quality, excellent service and building
a long-term partnership – this is who we are –
the SIJ RAVNE SYSTEMS, your reliable partner.

WHY SIJ RAVNE SYSTEMS?

Our ability to offer wide range of products and services for various industries,

unique combination of metallurgical and engineering know-how,

the highest product quality as result of tight integration into vertical chain,
from steel-making to final product,

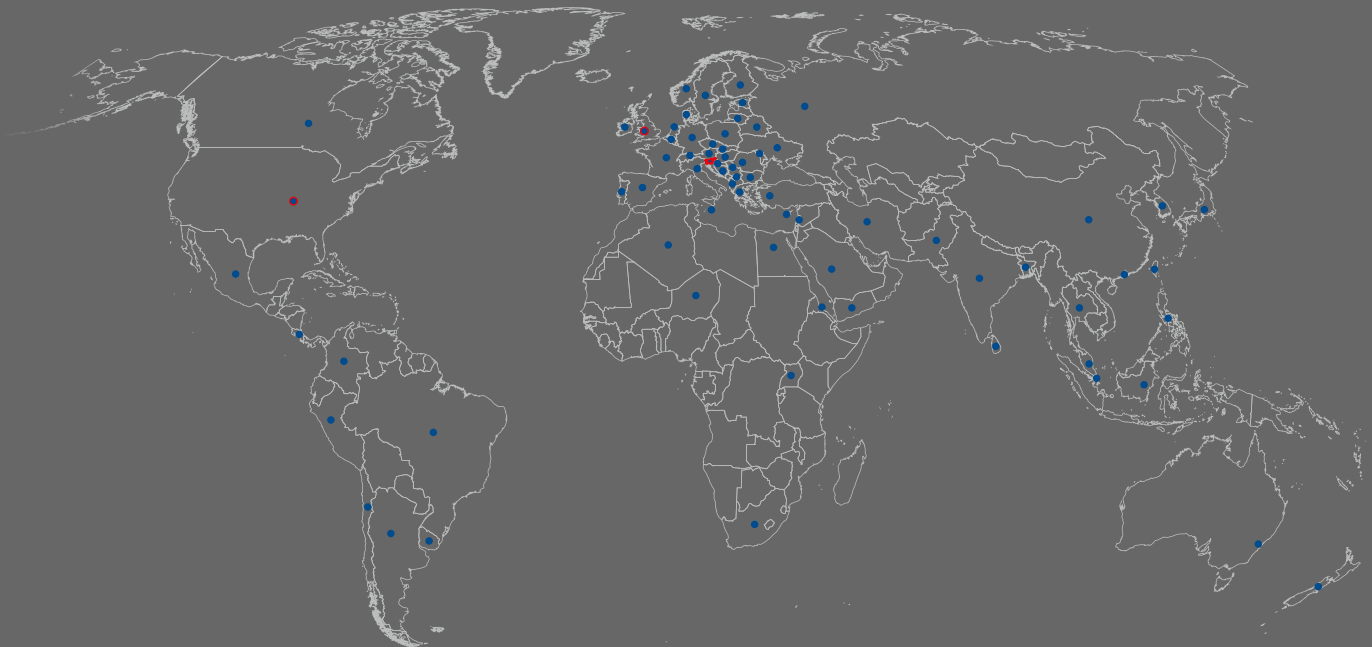
world-wide sales network and presence in more than 70 countries,

own sales and distribution centers, SIJ Ravne Systems UK and SIJ Ravne Systems USA.

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systems



- Ravne Knives
- Serpa
- Sistemska tehnika



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systems

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