

**sij** | ravne  
systems



Knives for  
**METAL INDUSTRY**

Proved know-how, long tradition and rich experience qualify us to efficiently resolve your problems.

Knives for metal cutting applications are custom manufactured and available in a wide range of steel grades:

- shock-resistant tool steels,
- wear-resistant tool steels,
- hot-work tool steels,
- cold-work tool steels,
- high-speed steel – HSS,
- particle (powder) metallurgy steels – PM,
- tungsten carbide – TC (HM) in solid or inlaid design,
- nickel-based alloys – superalloys.



With advanced technology, modern machinery, special heat treatment and commitment to quality we manufacture:

- straight blades up to 6 m length per piece,
- round blades up to max. 1.400 mm outside diameter,
- special-shaped blades (contoured profile knives for round, hexagonal, angled bars, T-posts, sign posts, channels, bed frames, notcher knives, ....),
- stripper rings (steel, steel bonded with Polyurethane or Rubber,..),
- forming rolls for tubes and profiles,
- machine ways and special wear parts,
- knife holders / knife seats and other related wear parts.

Selection of the most suitable material, its heat treatment and high-precision machining enable us to fully comply with market demands.

## KNIVES FOR HOT MILL



- Slab Shear Knives
- Curved Crop Knives
- Straight Crop Knives
- Hot Crop Knives
- Pendulum Shear Knives
- Rotary Drum Knives
- Profile Shear Blades
- Vector Crop Knives
- Side Trimmers and Scrap Choppers ...

## KNIVES FOR COLD ROLLING MILL



- Rotary Slitter Knives
- Rubber / Polyurethane Bonded Spacers
- Spacers
- Cut-to-Length Knives
- Scrap Chopper Knives
- Profile Shear Blades ...

## ROLLS & KNIVES FOR PIPE & TUBE MILL



- Forming Rolls for production of welded and seamless tubes and cross-section profiles
- Side Trimming Knives
- Rotary Slitter Knives
- Cut-to-Length Knives
- Scrap Chopper Knives ...

## KNIVES FOR STEEL SERVICE CENTER



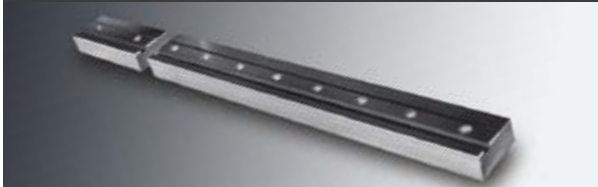
- Rotary Slitter Knives
- Rubber / Polyurethane Bonded Spacers
- Spacers
- Split Spacers
- Shear Blades
- Scrap Chopper Knives ...

## KNIVES FOR NON-FEROUS INDUSTRY



- Rotary Slitter Knives
- Rubber / Polyurethane Bonded Spacers
- Spacers
- Split Spacers
- Shear Blades
- Profile blades
- Scrap Chopper Knives ...

## KNIVES FOR PROCESSING LINES



- Shear Knives
- Side Trimmer Knives
- Slitter Tooling
- Machine Ways and special wear parts

## KNIVES FOR METAL SCRAP RECYCLING AND DEMOLITION



Knives for alligator shears, stationary shears, mobile shears, balers, waste recycling shears

## COMPLETE PACKAGE TO THE KNIVES RELATED WEAR PARTS



Knife holders / Seats  
Other machine wear parts:  
Bolts, Shim plates, wear plates, wear rings, guide knives ...

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,

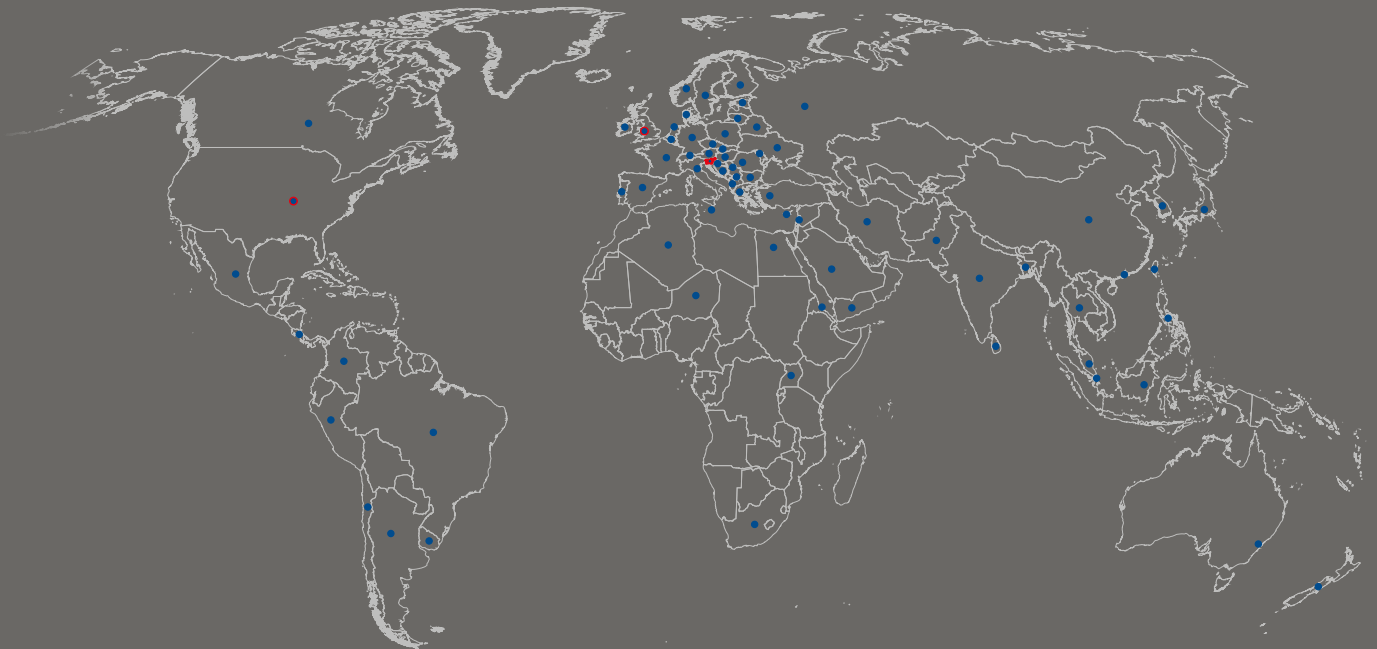
world-wide sales network and presence in more than 70 countries,

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

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- Ravne Knives
- Serpa
- Sistemska tehnika



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