

sij | ravne
systems

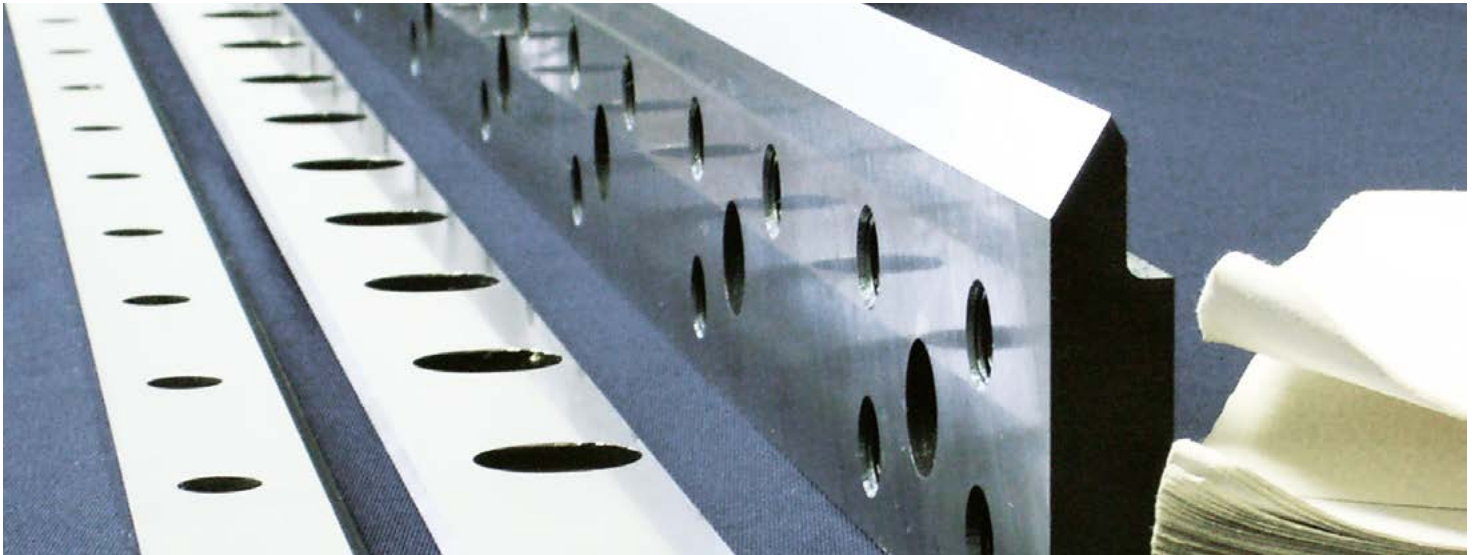


Knives for
PAPER INDUSTRY

PAPER KNIVES - quality without compromise

Today's new kinds of paper and new technologies in paper processing demand new, high-quality knives. The knowledge of customer's processing equipment and production conditions, top-quality raw materials and proper hardness guarantee a first-class knife. The right selection of raw material has a significant influence on product's life time and performance. We produce knives from inlay (a combination of high-alloy inlay and soft body) and solid materials. Here are our most popular material grades:

QUALITY	RAVNE QUALITY	LIFE TIME
STANDARD	828	1
12% Cr STEEL	834	2
HSS	HSS	>3
POWDERED	PM	4-6
TUNGSTEN CARBIDE	HM	>10

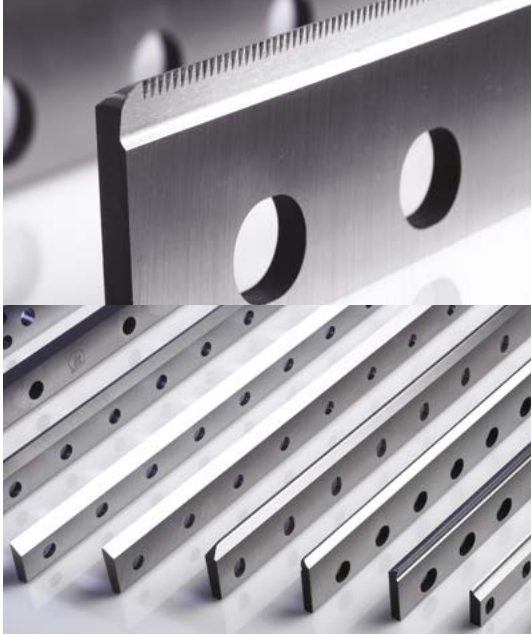


EXCELLENT HEATING PROCESS GIVES THE SOUL TO OUR KNIVES.

Beside quality material and precise machining you need to have a perfect heat treatment as well. Proper hardness is the result of different modern equipment and processes: vacuum, protective atmosphere, electric and gas heated furnaces, quenching and tempering, soft annealing, normalizing, hardening & tempering, case hardening, ...

Perfect quality, extensive experience, excellent service and building a long-term fair partnership – this is who we are – the RAVNE KNIVES.

KNIVES FOR PAPER, CARDBOARD, CORRUGATED CARDBOARD AND TISSUE INDUSTRY

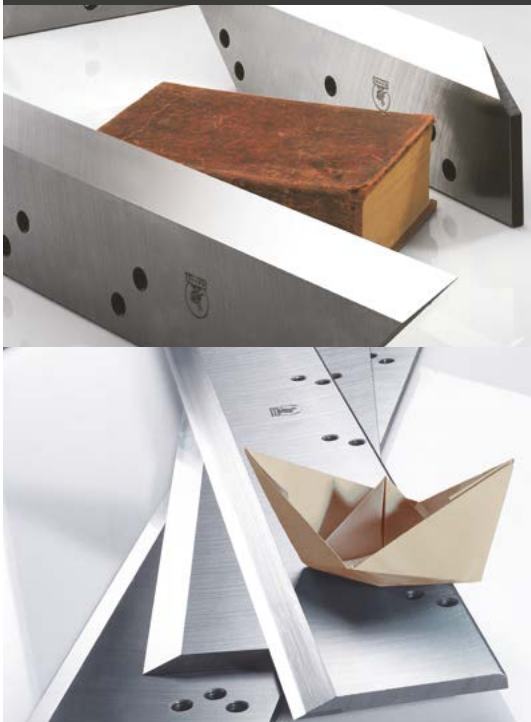


- Sheeter and slitter knives for paper and cardboard industry (cut-off, serrated, cross-cutting knives),
- circular dished and plain knives,
- log saws,
- knife holders,
- other knives for pulp, paper and paper-processing industry.

Some of the most popular knives are available from stock:
(Agnati, B.H.S., Beloit Lenox, Bielomatik, E.C.H. Will, Fosber, Jagenberg, Milltex, Mitsubishi, Martin, Pasaban, Peters, Perini and more).



KNIVES FOR GRAPHIC INDUSTRY



- Straight knives for guillotines (paper cutting knives),
- three-knife trimmers,
- slitters,
- knives for printing and bookbinding industry.

Some of the most popular knives are available from stock
(Adast – Maxima, Atlas, Bourg, Brackett, Brehmer – Heidelberg, Campeador, Casagrande, Challenge, Comeca – F.T.P., Como, Consolidated, Corta-Rapier, Dahle, Eba – Krugg&Priester, F.L., Goodhale, Herold - Tempo, Hohner, Hörauf, Horizon, Hunkeler, Ideal – Krug & Priester, Imperial, Itoh, Jud, Katsuta, Kolbus, Krause – Biagosch, Laser, Lawson, Macey-Harris – Sheridan – Omega, Mandelli, Martin Yale, Maxima – Adast-Kovo, McCain, Müller Martini – Grapha, Nagai, Nebiolo, Omac, Osako, Perfecta, Pivano, Polar, Rapier Matic, Rosback – Camco, Schneider – Senator, Seybold, Sheridan, Sunray, Wohlenberg and more).

ICE SCRAPERS – ICE PLANING KNIVES

For machines Destarol, Dupon / Okay, Eisbär / Polar bear, Olympia, Zamboni / Rolba.

Some of the most popular knives are available from stock.

OTHER KNIVES



KNIVES FOR PACKAGING INDUSTRY

Knives for machines Emba, Martin and more.

KNIVES FOR CUTTING AND PERFORATING FOIL AND SIMILAR MATERIAL

perforating straight and circular knives with and without teeth.

REFINER PLATES

(Refinator & defibrator segments) - made of high-alloyed chromium cast steel. Appropriate heat treatment results in high wear resistance and toughness. The surface is carefully ground in sets, which insures precise adjustment of grinding and high quality of ground material.

KNIVES FOR FOOD INDUSTRY

PERFECT QUALITY, EXCELLENT SERVICE AND BUILDING A LONG-TERM PARTNERSHIP – THIS IS WHO WE ARE – SIJ RAVNE SYSTEMS, YOUR RELIABLE PARTNER.

WHY SIJ RAVNE SYSTEMS?

- Ability to offer a wide range of products and services for different industries
- A unique combination of metallurgical and engineering know-how
- Own R&D department for steel development
- Accredited in-house laboratories that perform a wide range of non-destructive tests, inspections and calibrations
- Top product quality resulting from tight integration into vertical chain, from steel-making to final product
- World-wide sales network and presence in more than 70 countries with own sales and distribution centers.



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