



NEWSLETTER : News from the PAPER / POSTPRESS INDUSTRY

NEW! IKS Klingelberg launches new knife for bank note cutting

The IKS Klingelberg Group has developed a special knife which is perfectly suitable for the extremely high requirements to be faced when **cutting bank notes**.



Due to the safety features integrated in bank note paper, the precision tool has to cut different thicknesses and qualities in one cutting operation.

In general, bank note paper is made of cotton or polymer. Metal strips are embedded in the bank note. This results in unevenness of the paper surface and thus in a challenging cutting operation.

The novel Ultra Cut knife by IKS Klingelberg satisfies these requirements and cuts a stack of bank notes without any quality loss featuring maximum edge life.

The Ultra Cut knife by IKS Klingelberg is made of high-quality ultra-fine grain metal (Vickers hardness 1680). Special geometries avoid cutting edge chipping of the precision tool.

The highly polished surface reduces friction (dust) between knife and blank. A residual insert width (hard metal) of up to 7 mm is guaranteed.

The IKS Klingelberg Ultra Cut knife cuts 500 sheets per cutting operation with a stack height ranging from 90 to 100 mm featuring an average edge life of 2 months in a two-shift-operation. This is equivalent to about 40,000 to 45,000 cuts without having to change the tool.

We will be pleased to give you advice regarding your individual requirements!

Contact

Dipl.-Bw . Udo Middendorf

Product Manager

Phone:+49 (0) 2191-969-327, UMiddendorf@interknife.com

***YOUR PARTNER
for Cutting Solutions***

