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DIENES slitting technology at the ICE 2019

DIENES will present its latest developments in slitting technology in Hall 6, Stand 500. These include the new "easy change" system for tool-free knife change and the electrically driven "PSGs-DF-P-DC" knife holder.

Knife holder DS 8 easy change

The well-known and widely used DS 8 knife holder has been supplemented by another comfort feature, the "easy change". Easy Change means that it is easy and convenient to change knives without tools. This new and patented system of knife change minimizes set-up times considerably and contributes to work and process reliability in the company.



How the knife is changed: The knife can be easily removed and replaced by unlocking the safety bar and removing the clamping nut. The ring nut is then screwed back onto the knife holder until the locking clip engages in its fixing position. The locking pin serves to prevent the knife carrier from twisting when changing knives, thereby reducing the risk of accidents.

The advantages at a glance:

- | Knife head with patented tool-free knife change, thus: shorter set-up times, positive locking of the ring nut (easy change), screws and tools cannot fall into the machine (as possible with conventional systems)
- | with locking pin to prevent the knife carrier from twisting when changing knives (reduces the risk of accidents)
- | high safety standard thanks to 360° safety hand protection

E-Tronic knife holder "PSGs-DF-P-DC"

The electronically driven knife holder was specially developed for cutting wafer-thin foils as well as adhesive foils and labels from 70mm cutting width. The use of the driven knife holder offers more flexibility in the cutting widths, optimum cutting edge quality and optimised knife life.

DIENES is the leading supplier of knives, knife holders and slitting systems for industrial applications. DIENES products are especially used in the paper, film and foil sector, e.g. for slitter-winders, e.g. two-drum winders and single-drum winders, cross cutters and double slitters as well as cut-size machines for multi-layer paper up to approx. 800g. The DIENES products are used in both roll to roll and roll to sheet processes. Of course, our knife holders and knives are also used for slitting packaging, labels, adhesive tape, battery foil, nonwoven, cellulose, paper, core paper, aluminum, carbon materials and much more.

