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K-fair taking place from October 16th to October 23rd, 2019 in Düsseldorf: DIENES presents world novelty for slitting plastics

DIENES is the worldwide specialist for industrial slitting solutions. For more than 100 years DIENES knives, knife holders and slitting systems have been slitting a wide variety of materials. DIENES products are also used for slitting plastics.

At the K-fair in Düsseldorf DIENES will be presenting the latest solutions: “All about slitting plastics” from October 16th to October 23rd, 2019 in Hall 3, booth A22.

This year we offer a free lecture “Slitting technology: easy solutions for today and tomorrow” on Monday, October 21st, 2019 at 2 pm (in German language) and at 4 pm (in English language) at the fairground in the “Stadthalle” first floor, Room 12.

Knife holder DS 8

The all-rounder DS 8 convinces with very high stability and service life as well as for a cutting width from 100mm. In addition, the knife holder is designed for the most difficult conditions and materials. The knife head can be used flexibel and comfortably for the left- and right hand versions. With its high-precision and comfortable depth adjustment as well as the sophisticated knife head adjustment, it also proves itself when used with thicker materials such as plastic.

The lifting ring depth adjustment with a scale ensures optimum adjustment of the zero point individually for each knife.



PSGs-DF 50 LED

With the PSGs-DF 50 LED, DIENES has developed a knife holder that customers have been waiting for for a long time. In contrast to conventional knife holders, the overlap depth setting of this knife holder can now be easily and conveniently checked via an LED display. A clever innovation that ensures greater precision and safety, especially when changing knives, and is already being used successfully by many customers. While other knife holders have a scale ring for adjustment, but where you need to know how large the diameter of the knife is, a sensor automatically registers the knife diameter with this knife holder.



Great service: Regrinding by professionals – Circular, Straight and Roll shear knives in certified manufacturer's quality

Whether circular, straight or rotary shear knives, DIENES offers a regrinding service to maintain the quality of the knives. There are several regrinding centers for your knives e. g. in Poland, USA, France, two locations in Germany and in China.

On CNC/NC machines of the latest generation, the knives are precision ground in certified manufacturer quality. No knife leaves the DIENES service area without comprehensive quality control, which is carried out with the aid of state-of-the-art technology and measuring devices. Upon request, DIENES can provide information on the type of tool wear and tear on the basis of a detailed test report, which enables customers to draw conclusions about the condition of their machine. The ground knives are shipped in special transport boxes, which ensure that the knives always arrive at the customer in perfect condition. The DIENES logistics of the future: On request, we provide our knife boxes with a customer-specific QR code so that the knife data can be read for customers and DIENES at any time. Thus, special data, e.g. the frequency of regrinding and the condition of the knife, can be retrieved at any time.



The advantages at a glance:

Increase:

- Of the productivity
- Of the service life
- Of the cutting edge quality
- Of the quality requirement
- Of the effectiveness
- Of the process reliability

Reduction:

- Of the costs of knives
- Of the knife requirement
- Of the machine downtime
- Of the slitting dust
- Of the maintenance and storage

About our company

DIENES is the market-leading supplier of knives, knife holders and slitting systems for industrial applications and can look back on more than 100 years of company history. The company employs approximately 500 people. DIENES holds various national and international patents and is active in a wide variety of industries. DIENES knives and knife holders are used to cut, score or perforate a wide variety of materials, such as plastics, packaging, labels, adhesive tape, battery foil, nonwovens, cellulose, paper, core paper, aluminium, carbon material and much more. Here the DIENES products are used for roll to roll and roll to sheet processes.