

# ELECTRICALLY DRIVEN KNIFE HOLDER. SHEAR CUT KNIFE HOLDER.

## Type PSGs-DF-P-DC

<b>Depth adjustment</b>	manual, optional with LED display
<b>Speed** (different versions available)</b>	up to 300 m/min up to 1200 m/min
<b>Slit width</b>	from 70 mm
<b>Knife diameter outside</b>	130 mm 150 mm
<b>Knife diameter inside</b>	80 mm
<b>Shear angle setting</b>	yes (via angle plate)
<b>Vertical stroke</b>	30 mm
<b>Operating pressure vertical stroke</b>	4-6 bar
<b>Horizontal stroke</b>	2,5 mm
<b>Operating pressure horizontal stroke</b>	1-3,5 bar
<b>360° protection</b>	yes
<b>Air connection</b>	dual
<b>Adjustment slide</b>	optional*
<b>Rust protected</b>	yes
<b>Lubricating felt</b>	optional*
<b>Motor power</b>	0,1 kW
<b>Motor voltage</b>	48 V DC

\*\*Special designs and features on request.

### Typical fields of application:

- ┆ aluminium foil
- ┆ cable / litho tape
- ┆ nonwoven
- ┆ plastic
- ┆ paper
- ┆ packaging
- ┆ sensitive materials
- ┆ adhesive tape / labels
- ┆ etc.

### Benefits:

- ┆ Compact design for slitting applications with optimum cutting quality and minimum dust accumulation
- ┆ Adjustment of the top knife speed to the material web speed
- ┆ User-friendly depth adjustment with LED display and sensor for automatic knife diameter detection, no complex knife adjustment required, thereby reduction of set-up costs
- ┆ Reproducible knife setting forces adaptable to the material to be cut
- ┆ Optimum cutting edge quality even with difficult cutting material and high slitting speed
- ┆ Increased knife life due to backlash-free, vibration damping double axis guide system

\*Optional features can be upgraded on demand

**DIENES also manufactures the top and bottom knives required for shear cutting as well as manual, semi-automatic and automatic slitting systems.**

