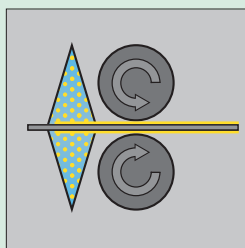




Image: SMS Group GmbH



## Spray lubrication

### Efficient spray lubrication

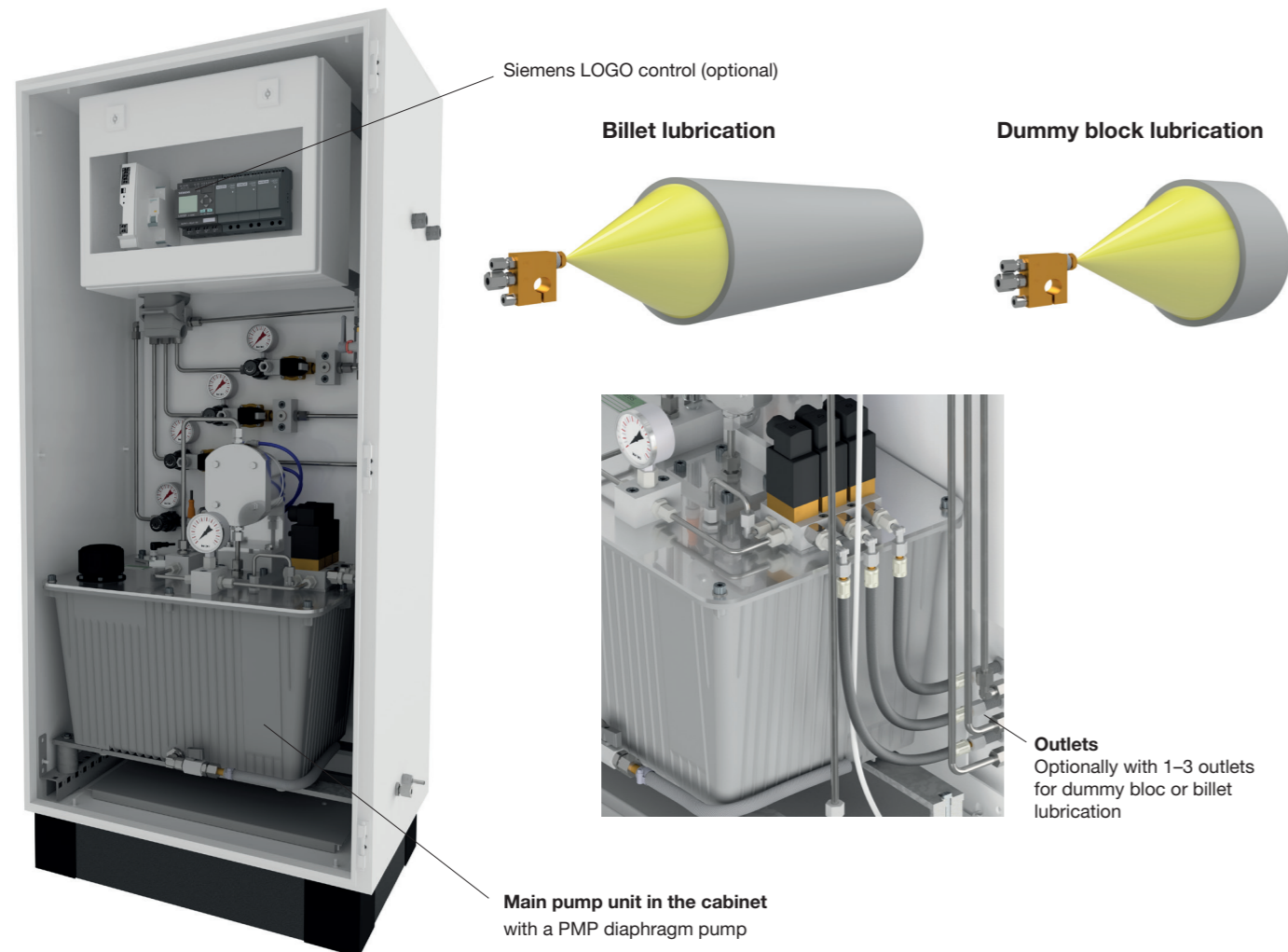
Modern aluminium extrusion presses require reliable and precise lubrication systems to ensure the consistently high quality of the pressed products. The SL-04 spray lubrication system was specially developed for the application of a water-based release agent between the extrusion die and the aluminium block in these systems. The SL-05 spray lubrication system, on the other hand, supports the lubrication of the shearing blade or the lubrication of the belt of deep-drawing presses.

**Why choose REBS:** Our lubrication solutions are based on years of experience and are specially designed for the high demands of aluminium extrusion.

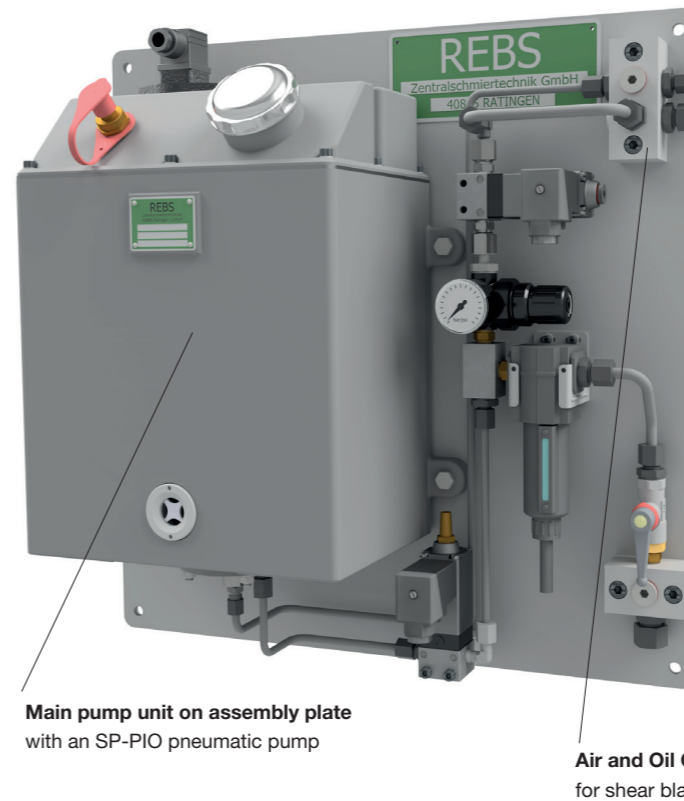
#### Advantages of the SL-04 spray lubrication system

- ▶ **Precise lubrication:**  
The SL-04 spray lubrication system uses a specially developed water-based release agent (STAG®), which is applied directly to the billet or dummy block via a two-substance nozzle.
- ▶ **Automated operation:**  
The system is easy to operate and requires minimal maintenance. The manual effort is reduced, which saves labour costs and increases the efficiency of the extrusion press.
- ▶ **Individually customisable:**  
Depending on the design, one or more two-substance nozzles can be used.

### Spray lubrication type SL-04

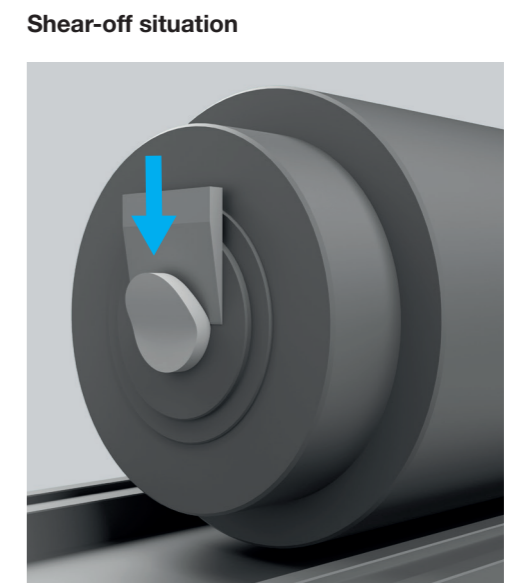
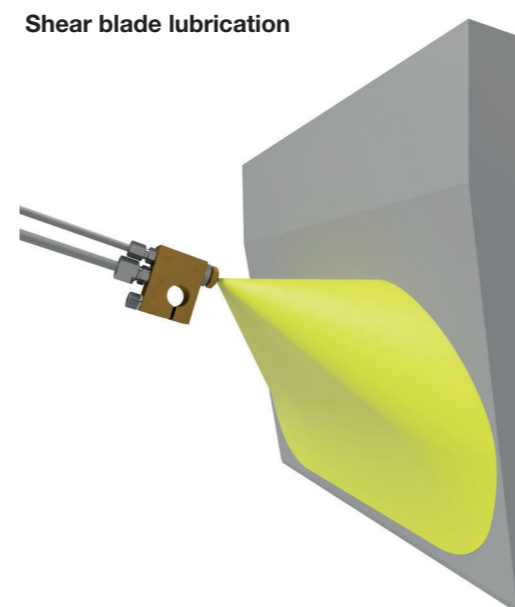


### Spray lubrication type SL-05



#### Advantages of SL-05 shear blade lubrication

- ▶ **Precise lubrication:**  
The system ensures that the shearing blades are optimally lubricated, which extends their service life and improves the quality of the cuts. The even and targeted lubrication minimises wear and protects the shearing blades from wear and material adhesion.
- ▶ **Automated operation:**  
Thanks to the automated lubrication process, the manual effort is reduced, which saves labour costs and increases the efficiency of the extrusion press.
- ▶ **Individually customisable:**  
Depending on the width of the shearing blade, one or more two-substance nozzles can be used.



## Model code

SL	04	1
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System type 04 = Release agent; 05 = Shearing blade

Number of outlets SL-04; nozzles SL-05

### SL-04 general equipment

- ▶ PMP diaphragm pump
- ▶ 30l aluminium reservoir
- ▶ 1-3 outlets (fluid/air)
- ▶ REBS control
- ▶ Two-substance nozzles

### SL-05 general equipment

- ▶ SP-PIO pneumatic pump
- ▶ 10l aluminium reservoir
- ▶ 1 outlet (fluid/air)
- ▶ REBS control
- ▶ Two-substance nozzle(s)

### Applications

- ▶ Aluminium extrusion presses for applying release agent (SL-04) or oiling the shearing blade (SL-05)
- ▶ Belt lubrication of deep drawing presses (SL-04)

