



## LBI Industriekomponenten GmbH

# Mandrel lubrication system DS

## Product Information

### Only as much lubricant as necessary

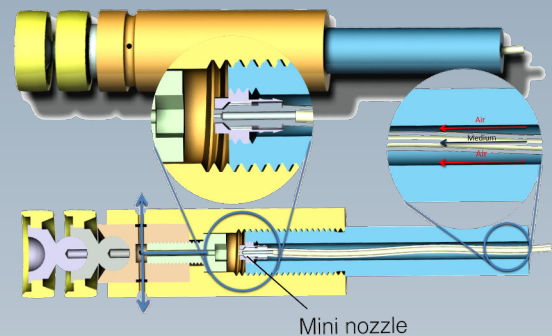
The LBI mandrel lubrication system DS is ideal for using only as much lubricant as is required for the application. With our mandrel lubrication concept, the lubricant is applied exactly where it is needed - at the contact point between mandrel and tube.

Our proven LB-002 dispensing valve is used for exact and reproducible adjustment of the lubricant quantity. The quantity to be applied can therefore always be adapted to the process and the medium used.

Air and medium are transported through a coaxial hose or two separate hoses to the mandrel. Mixing takes place only at the end of the mandrel bar via a mini nozzle screwed into the mandrel bar.

### External control

By using an LB-002 dispensing valve, the quantity can be adjusted externally at any time, even during the running process. The control valves make it easy to integrate the minimum quantity lubrication system into the existing machine control system.



### Technical data

Control (24V DC or 230V AC)  
2 separate signals for spray and control air or 1 signal for both  
Tank pressure control: 0-6 bar  
Spray pressure control: 0-6 bar

### Tank

Volume: 6 l with level indicator and low-level switch  
Tank material: aluminium  
Riser pipe: stainless steel

### Lubricant requirements

Compatible with materials used  
Viscosity 1-300 cSt

### LB-002 spray valve

Completely made of stainless steel  
Reproducible adjustment of medium quantity  
Different nozzle sizes available  
Coaxial or 2-tube output

### Mini nozzles

With thread M6, M8 or M10

### Mandrel bar connection

2 separate inputs for spraying air and medium or 1 input for coaxial hose

