

## Reduce costs, increase productivity

### Fluids applied economically

Our highly efficient technology for applying fluids results in **huge cost savings**.

Thanks to **significantly lower material usage**, procurement and storage costs can be greatly reduced.

### Increased productivity with HIESSL minimal lubrication systems

#### Non-cutting applications

Targeted and automated spraying of **microparticles** allows fluids to be applied more precisely and uniformly to the surface. Microparticles adhere even at higher pressures and increase their surface area under pressure, **markedly increasing their lubrication properties**.

#### Cutting applications

Several times **longer lifetime** resulting from rapid removal of heat from the cutting tool. Feed rates can also be substantially improved.



## The systems provider for lubrication technology

For over 20 years, **HIESSL Schmiertechnik GmbH** has been manufacturing and supplying lubrication systems for belts, circuit boards and molded parts, as well as associated lubricants and modular custom spray units for cutting applications.

As specialists in minimal quantity lubrication, our team works in collaboration with our clients to develop optimal solutions for every industry.

We are full of ideas to introduce a variety of new materials and fluids into your production processes.

More at [www.hiessl.de](http://www.hiessl.de)

Distribution partner

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# FLUIDTEC

## multifluid system



Stainless steel tank with  
5-way delivery system  
High-quality,  
precision valve units

**HIESSL**  
Fluids applied economically

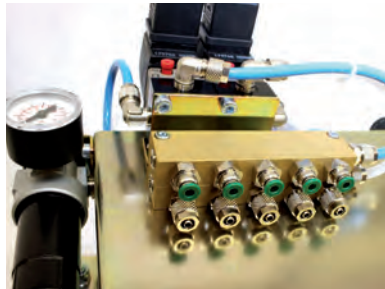
## Practical 5-way delivery system

### Technical details:

- Suitable for a variety of Group 1 fluids
- Maximum permitted tank pressure of 6 bar
- Standard configuration of 1 bar (safety valve)
- 24 VDC solenoid valve, 230 VAC on request
- Valve with manually assisted operation
- Highly resistant sealing material
- Permitted temperature: -20°C to +80°C
- Tank volume: 5.7 l, 10 l and 20 l
- Optional floating switch

### Flexible output system

Practical 5-way output for attaching spray nozzles. The number of nozzles can be increased further by an additional divider unit. High-quality, precision solenoid valves prevent excess air and fluids from reaching the spray nozzles.



## Reliable and flexible delivery units



## High-quality tanks with precision pressure gages

### Safety refill cover

It is only possible to open the pressurized tank once the pressure has been released. A mechanical release valve is integrated into the tank cover. Refilling is facilitated by a large safety opening.



### Process-optimized operation

Precision pressure gages allow for optimal adjustment of container pressure and air supply at the nozzles.



**FLUIDTEC**  
multifluid system