Ideally, everyone should work on the task that suits them best. This requires strong partners and a clear, common goal. It is clear from the results of our collaboration with HYDAC that both of these are in place.

Michael Runde, Engineering

**JHS hydraulic unit**

- Flow rate $Q$ up to 20.0 l/min.
- Constant pressure up to 250 bar
- Peak pressure up to 300 bar (on request)
- Engine 0.5–3.0 kW standard (4.0 and 5.5 kW on request)
- Protection class DIN EN 60034-5 min. IP 54
- Pump parameter $V_g 1.0-10$ cm$^3$
- Tank volume extraction volume 1-2-7.8 l

- Duty cycle S2 (short-term operation) approx. 5 min.; S5 (intermittent operation) approx. 20%
- Pressure fluid mineral oil according to DIN 51524 part 2
- Pressure fluid temperature range min. ~20°C to max. +80°C
- Viscosity range min. 10 mm²/s to max. 380 mm²/s
- Filtering operating fluid according to ISO 4406 / class 21/19/16 or better
- Ambient temperature ~-20°C to +40°C
- Return flow volume up to maximum 40 l/min.