

Pump Inspector

Repair test bench
for constant and variable displacement pumps



Pump Inspector

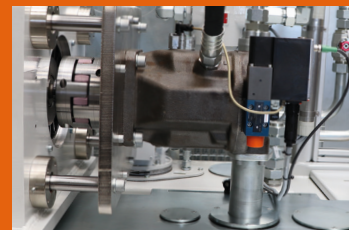
Pump test bench

Hydraulic oil pumps on the test stand

On the partially automated Dorninger Hytronics test bench, it is possible to quickly and efficiently determine the performance and condition of hydraulic pumps. Both **constant** and **variable displacement pumps** can be tested, also **pumps with on-board control electronics*** and **constant displacement pumps in electronic control operation** (variable speed drives) as well as **multi-flow pumps**.

The operation is conveniently browser-based via tablets or notebook (PC).

*The electrical interface for driving Bosch Rexroth SYDFE(E) pumps is prepared, the extension for driving SYDFE(E) pumps with external electronics is available as an option.



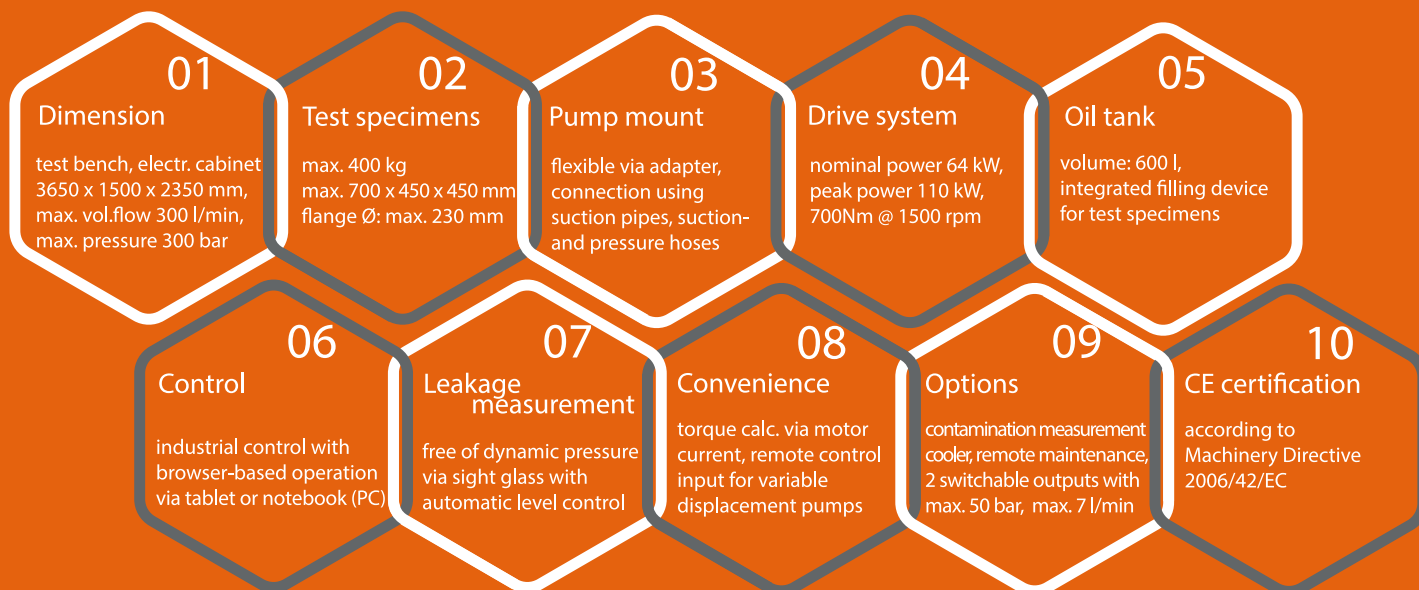
Measurements

Standard quality measurements such as **volumetric efficiency**, **hydromechanical efficiency** and **leakage or leakage speed measurements** are possible for all pump types. In addition, the measurement of **pressure and power control characteristic curves** (also SYDFEE-pumps) and **load sensing characteristic curves** are also possible for variable displacement pumps.



After the test-specific data is entered, the test routine can be performed automatically. The actual characteristic curve will be displayed graphically on completion of the test. For recording of findings by the operator and for documentation, the log can be saved or printed in pdf format. Furthermore, it is possible to use the test stand in manual mode (specification of speed, pressure, manual operation of all valves) and to recreate individual operating situations on the test pump for detailed fault diagnosis of the pump.

Key data



engineered for your profit

Dorninger Hytronics GmbH
Betriebsstraße 18
4213 Unterweikersdorf - Austria

☎ +43 (0)7236 20820 0
✉ info@hytronics.at
🏠 www.hytronics.at