

**Gebr. HELD**  
alles für die Hydraulik



**Gebr. HELD**

UNIVERSAL-TESTBENCH GH 4000 B/08-22E



- High test pressure
- Strong performance
- Freely programmable PLC
- Freely programmable, highly dynamic servo axis
- Low maintenance
- Energy-efficient
- Solid and user-friendly
- DIN EN ISO 6802
- DIN EN ISO 6803

TESTING **STANDS** &  
TESTING **CENTRE** FOR  
**HYDRAULIC HOSES**

# THE COMPANY

## INNOVATION & QUALITY – MADE IN GERMANY SINCE 1974.

Gebr. HELD is a leading, certified manufacturer, wholesaler and service provider in the field of hydraulics with headquarters in Germany.

The company offers a wide range of products and services around hydraulics, from development and planning to the manufacture and sale of complete systems, hydraulic hose fittings, standard and special cylinders and test benches. The company specializes in the development and manufacture of complete systems hydraulic hose fittings according to DIN EN ISO standards and also offers accessories for hydraulics and compressed air from renowned manufacturers.

Our products are characterised by high quality „Made in Germany“.

### Our core areas include:

#### Manufacturing

- Complete systems hydraulic hose fittings according to EN ISO standards and special fittings
- Hydraulic-, standard- and special cylinder construction
- Test bench construction for impulse and hydrostatic tests as well as tests with flexing and half-omega tests

#### Wholesale

- Programmes of well-known manufacturers of fluid technology and accessories for hydraulics and pneumatics
- eShop with more than 300,000 articles from stock – 24-hour delivery service



#### Focus

- Universal test stands for hose assemblies & fluid power components.
- Impulse and hydrostatic tests as well as tests with flexing and half-omega tests.



Product Overview

ABOUT US



### Located in **Germany**

In our headquarters in the south of Germany the test stands are operating for you 365 days a year.



### **Any Time** Access

We are happy take over the complete testing process for you. During the entire testing duration you have access to your tests at all times.



### Strictly **Confidential**

Testing is a matter of trust. All data is treated as strictly confidential. We undertake to do so by means of a non-disclosure agreement, if requested.



### **Complete** Documentation

We will take over the documentation of the test for you with a detailed inspection report and supplementary photos.



### **24h** Live Cam

Highest transparency. Optionally, we offer you the possibility to observe your test in progress via live cam with access code, without having to be present personally.



### All Common **Testing Standards**

Pressure impulse test and hydrostatic test according to all common standards including flexing and half-omega testing. Due to freely programmable pressure curves and axis movements, even tests beyond the standards are possible.

# OUR **TESTING CENTRE**

## **Modern testing services for your hose tests**

### **Have your hose products tested by us.**

Our modern and highly dynamic Testing Centre offers you a cost-saving alternative to buying a machine. Our experienced test technicians carry out your tests according to individual specifications and requirements. After completion of the test, you will receive a detailed test report.



# OUR TEST STAND HIGHLIGHTS



## EASY OPERABILITY

Latest PLC control via touch screen with user-friendly, visualized operating panel. Integrated powerful PC. Connection to the company's internal network (Industry 4.0). Spacious and fully accessible working areas with large sliding doors made of bullet-proof glass.



## SERVICE / REMOTE MAINTENANCE

Possibility of worldwide remote maintenance via network connection for fast diagnosis.



## CUSTOMISABLE

Individual adaptation to customer wishes and requirements possible.



## KNOW HOW

From our own production, from practitioners for practitioners.



## TECHNICALLY MATURE / PLUG AND PLAY

Used worldwide by manufacturers and distributors of fluid technology components and hose lines worldwide. Mature system enables simple commissioning on site without the need for a technician.



## POWERFUL TEST PERFORMANCE

Up to 18 test items simultaneously and 36 different connection options, at the same time low power requirement. Optional extension with an intermediate block.



## LONG LIFE / LOW MAINTENANCE

No complex maintenance work required. Self-designed system of the pressure intensifier, working without seals in the high-pressure range and therefore low-wear.



## HIGH ENERGY EFFICIENCY

Low power consumption due to intelligent adaptation system of the pressure intensifier. For model B/08-22E additionally: Highly dynamic axis movements with recuperation and the automatic adjustment of the axle power to the required movement figures by servo-electrics.



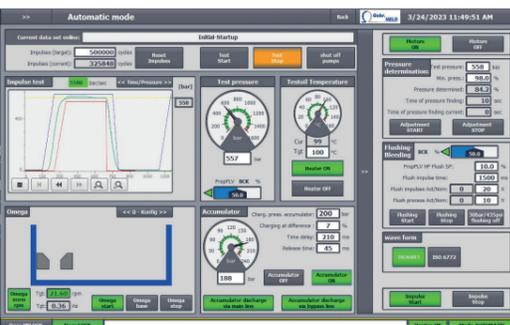


# THE DYNAMIC

## FOR TESTING WITH MOVEMENT

GH 4000 B/08-22E / GH 4000 B/08-22E PLUS

APPLICATION	IMPULS TESTS WITH FLEXING according to DIN EN ISO 6803, 6802, (8032)
Test pressure	1.500 bar / 2.000 bar
Test performance	up to 900 cm <sup>3</sup>
Isobaric test	up to 18 test items simultaneous
Nominal hose diameter	up to DN 76 (3") – 210 bar
Connected load	70 kW / 85 kW
Dimensions (L/W/H)	4800 x 2100 x 3000 mm
Weight	7.000 kg
Optional upgrade	DIN EN ISO 6772 (Peak curve)



# SECURITY & **COMPETENCE**

  
MADE IN GERMANY

## **Our customers are more relaxed.**

Because they know that we are there for them. With the help of a remote maintenance system, we can offer our support anywhere in the world within a very short time.

The simple, efficient, and low-maintenance operation of our machines saves our customers time and money. Because they know: Development and production „Made in Germany“, aimed towards high demands, provide noticeable advantages.

Our Customer Service is there for you.

## **Our practical experience is your advantage.**



Further information

# THE GOOD MUST GIVE WAY TO THE **BETTER**

## 5 good reasons why you can't pass us by.

**1** **Wide range of hydraulic products**  
From the connection, to the hose, to the test stand. We understand your requirements very well.

**2** **Competence & experience since 1974**  
We know what we're talking about and give you the confidence you need to choose us.

**3** **International presence**  
Our test benches and products work all over the world. Day after day – supported by our multilingual team.

**4** **We are a system supplier**  
Everything from one source. Everything under one roof. With the most varied standard and special products.

**5** **Powerful team**  
Young foxes and old hares. People with a wide range of qualifications work for us with only one goal: to develop the best solutions once again every day.

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**Interactive  
Brochure**