

Modular Test System for Material and Component Testing

Documentation

- ⇒ CE conformity
- ⇒ complete documentation
- ⇒ operating manual



Service

- ⇒ consulting
- ⇒ installation / commissioning / training / instruction / calibration
- ⇒ hotline / spare parts / maintenance



Engineering

- ⇒ 3D construction with calculation / design / simulation
- ⇒ electrical / hydraulic circuit diagrams
- ⇒ software programming



Production

- ⇒ assemblies / system components from our own production
- ⇒ certified production and welding processes
- ⇒ assembly of the complete system
- ⇒ test run
- ⇒ factory calibration



Clamping plates/ Test portals/ Test frames

- ⇒ 5 kN – 15 MN
- ⇒ from the modular system or acc. to customer specification
- ⇒ variable adjustability to the specimen dimensions



Test cylinders

- ⇒ hydraulic
- ⇒ electric
- ⇒ 1 kN – 15 MN
- ⇒ static / dynamic
- ⇒ standard- or special strokes
- ⇒ 1 m/s and larger
- ⇒ design and storage adapted to the application



Hydraulics

- ⇒ hydraulic power units in stages from 9 – 2000 l/min
- ⇒ SPS-control
- ⇒ sound insulation
- ⇒ various cooling systems
- ⇒ distribution stations
- ⇒ pipe construction



Control technology/ test software

- ⇒ static / dynamic depending on design
- ⇒ interfaces for measurement technology
- ⇒ high variety of test modules acc. to standard or universal
- ⇒ plug & play
- ⇒ remote maintenance



Accessories

- ⇒ clamping heads
- ⇒ pressure devices
- ⇒ bending devices
- ⇒ deformation measurement technology
- ⇒ components for handling optimisation
- ⇒ adapters / mounting parts, etc.

