



OPERATIVE PART - SHDH HYDROSTATIC DRIVE & WHEEL MOTOR

The operative part **SHDH** is dedicated specifically to the **mobile hydraulic** training.

The SHDH offers completing training to the BHT3 bench in basic principles of a **hydrostatic transmission**.

Thanks to its drive and wheel motor design, students will understand and analyse more **easily** external constraints (realised by the mechanical steering on the wheel) on the **hydraulic kinematics of a closed circuit**.

This operative part is therefore the **ideal complement system to our BHT3** bench to gain additional skills and knowledge of a **complete hydrostatic transmission**.

Details of the hydraulic training bench BHT3

- ✓ Steering column and orbitrol with its pressure relief valve, shock protection systems and anti-cavitation valves,
- ✓ POCLAIN hydrostatic wheel motor 255cm³ with inductive sensor,
- ✓ Opposing effort rod on the wheel, driven by the pump,
- ✓ Double effect steering cylinder (steering wheel),
- ✓ Manifold distribution and control block
- ✓ Steering wheel and control joystick of the hydrostatic wheel motor, simulating the forward and reverse of a vehicle.

