

# General information



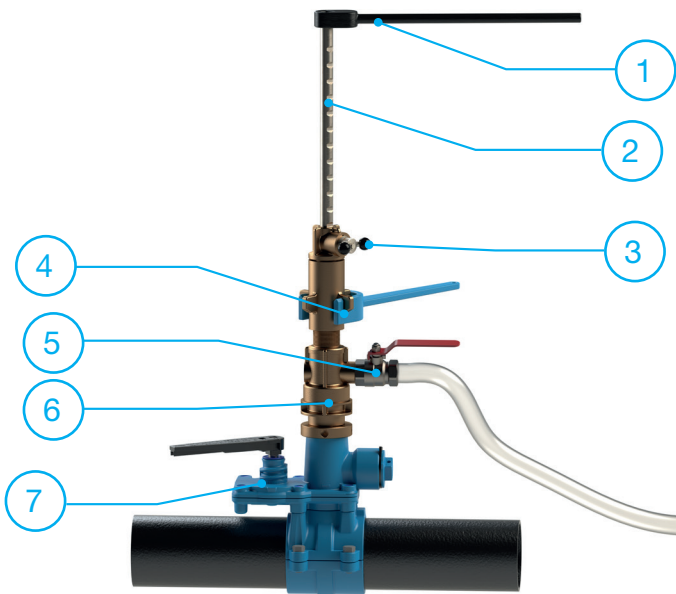
# Hawle “Hawlomat” drilling machine

Cast iron, steel, AZ, PVC and PE pipelines can be drilled using the Hawle “Hawlomat” drilling machine.

Hawle service valves allow a drilling of the pipeline under operation up to an operating pressure of 16 bar, provided that there is an operating- or auxiliary shut-off device present.

Drilling can be carried out in the areas of both drinking water and sewage water. The ZAK 69 system has been specially developed for the waste water sector. In the meantime ZAK 69 valves and fittings are also available in the potable water sector (service valves, Hawlinger).

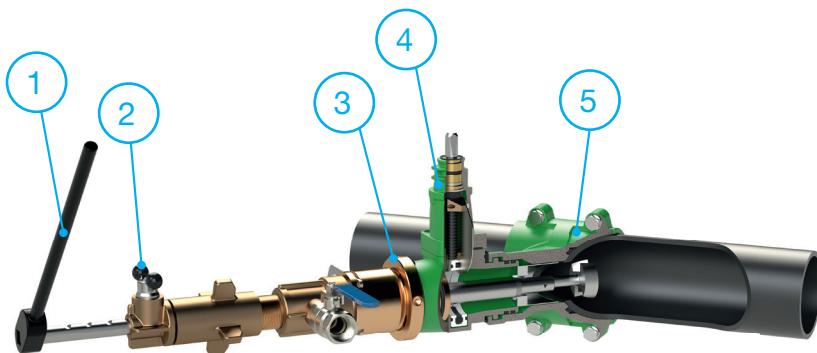
It is also possible to drill a retrofitted Hawle free-flow underground hydrant by means of an extra-long drilling spindle with a claw adapter.



## Application example in the Potable water sector

Drilling of an existing PE supply pipe using HAKU Hawlinger ZAK 46

1. Ratchet
2. Drill spindle
3. Clamping screw
4. Feed motion tool
5. Rinsing valve
6. Drilling adapter
7. Hawlinger®



## Application example in the wastewater sector

Drilling of an existing disposal pipe by sewage service valve ZAK 69 with HAKU drilling saddle

1. Ratchet
2. Clamping screw
3. Drilling adapter
4. Sewage water service valve ZAK 69
5. HAKU drilling saddle with ZAK 69 outlet, 45°

Note: Hawle offers you the option of hiring a drilling machine.

For further information please contact our Application Engineering Department: [anfragen@hawle.de](mailto:anfragen@hawle.de)