

# HYDAC

# INTERNATIONAL

## Piston Accumulator Stations

### Nitrogen stations

HYDAC supplies fully assembled piston accumulator stations which are ready for operation, complete with all the necessary valve controls, ball valves and safety devices

- as an individual accumulator unit, or
- in a back-up version with nitrogen bottles to increase the effective volume

as well as nitrogen stations in standard and special versions.

On request HYDAC can calculate the required accumulator volume, using a computer simulation program taking the customer's own operating data into account.

The modular construction of the piston accumulator stations enables HYDAC to incorporate all customer requirements.



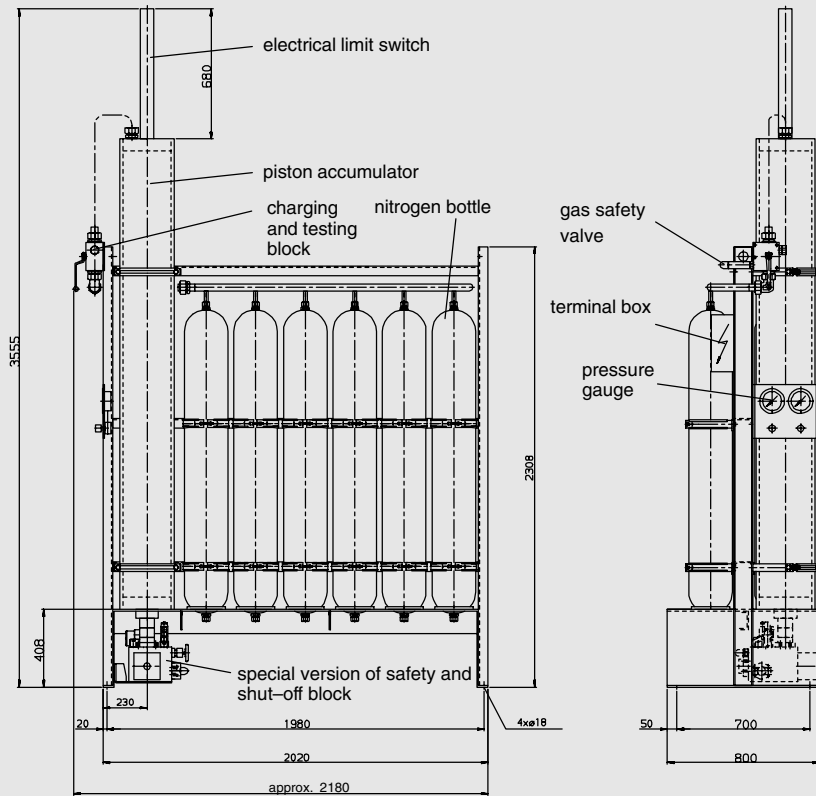
## PISTON ACCUMULATOR STATIONS - EXAMPLE 1:

Technical details:

1 piston accumulator (100 l) with electrical limit switch

12 N<sub>2</sub> bottles, each having a capacity of 50 l

Max. operating pressure: 300 bar



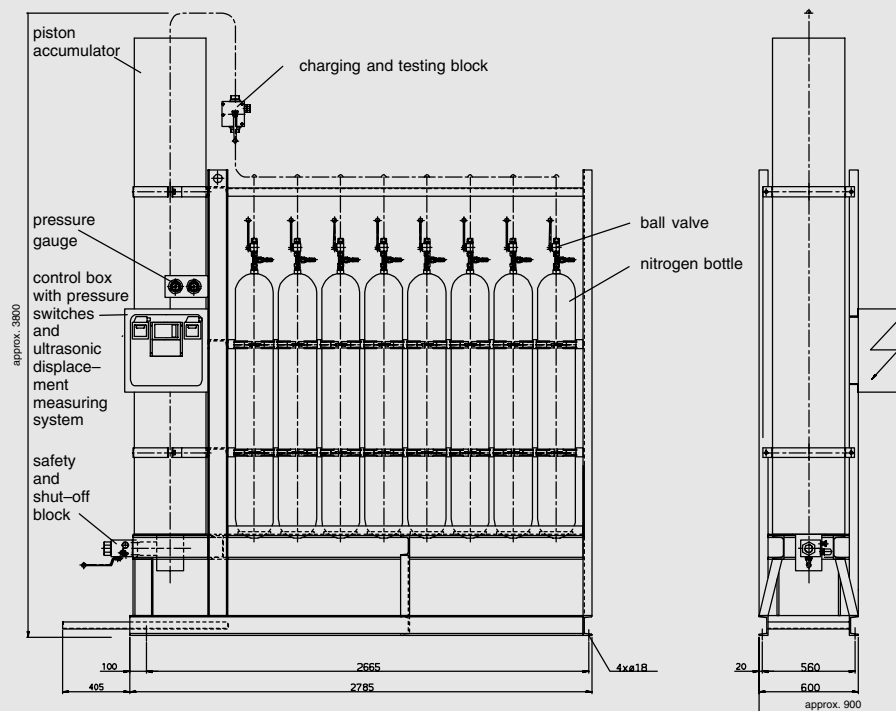
## PISTON ACCUMULATOR STATIONS - EXAMPLE 2:

Technical details:

1 piston accumulator (240 l) with ultrasonic displacement measuring system

16 N<sub>2</sub> bottles, each having a capacity of 50 l

Max. operating pressure: 210 bar



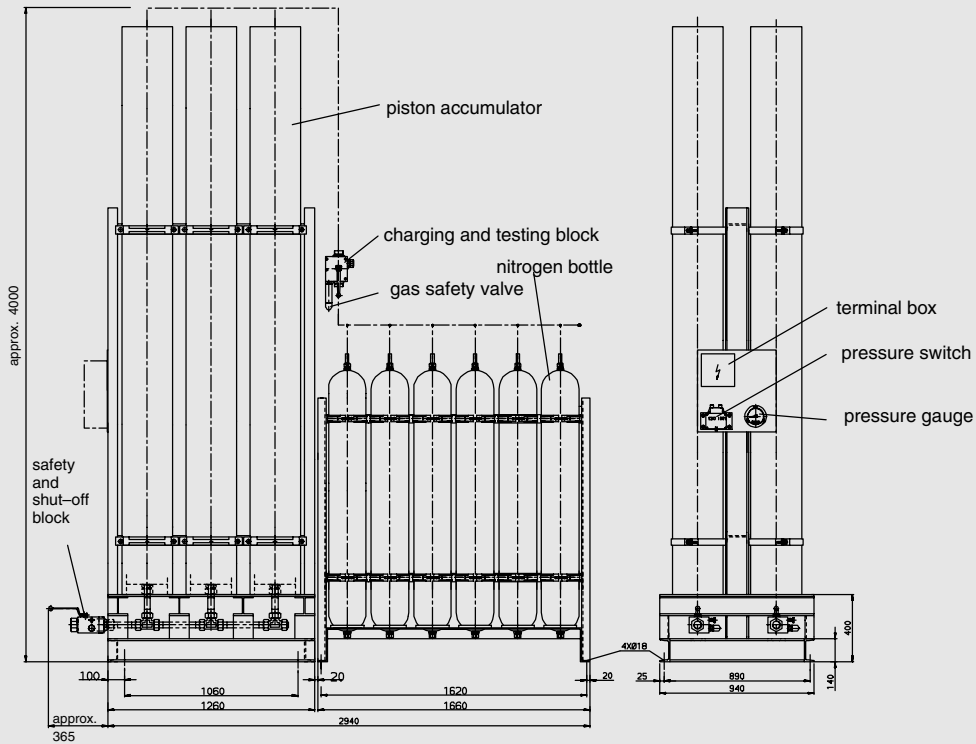
## PISTON ACCUMULATOR STATIONS - EXAMPLE 3:

Technical details:

6 piston accumulators (150 l each) in back-up version

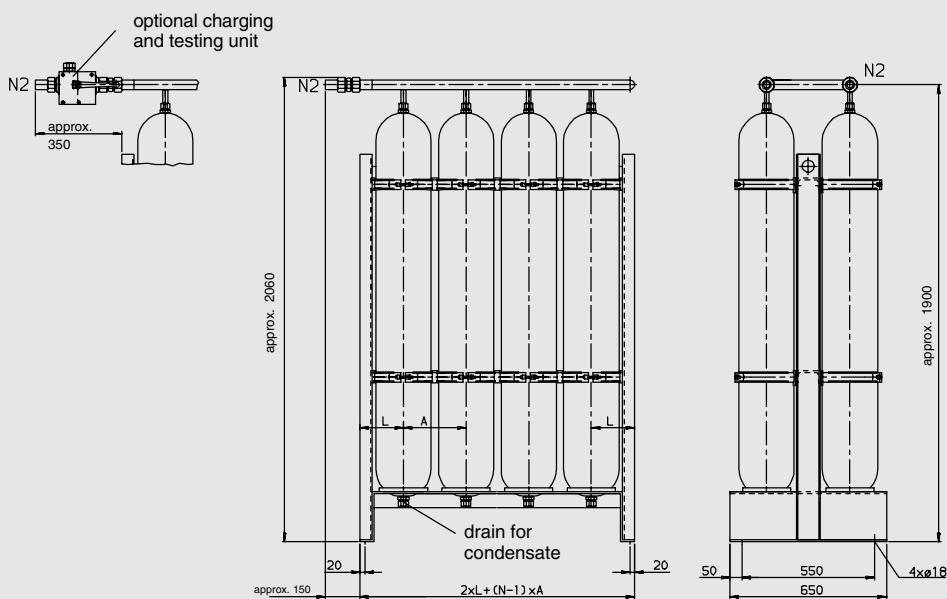
18 N<sub>2</sub> bottles, each having a capacity of 50 l

Max. operating pressure: 210 bar



## NITROGEN STATIONS

Nitrogen bottle stations in modular construction: up to 24 bottles can be assembled in this version on a frame, for a larger number, a special model can be supplied.



L = 180 mm  
 A = 260 mm  
 N = number of nitrogen bottles in one row

### NOTE

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department. Subject to technical modifications.