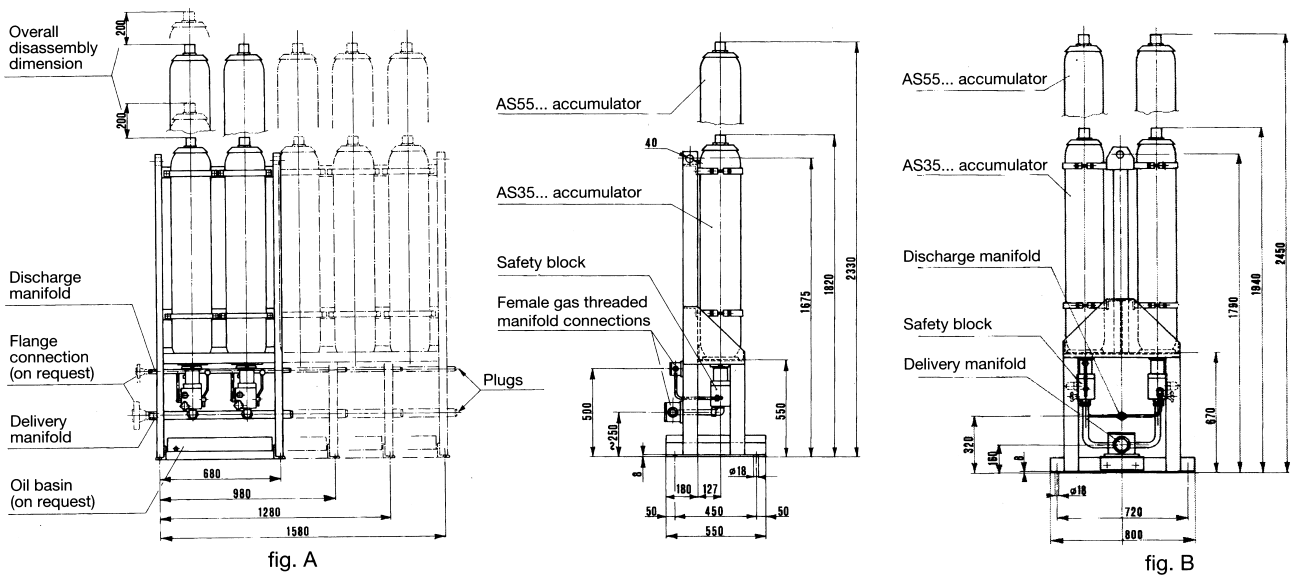


18.1 General

Accumulator stations are used when the flow rate or volumes required exceed the capacity of one single accumulator available from our range. These stations are assembled in a single line of 2 up to 5 accumulators (fig. A) or a double line of up to 8-10 accumulators (fig. B). The stations can also be used for the installation of piston accumulators connected to additional nitrogen bottles.

18.2 Version with welded manifold

A welded steel framework, made of welded steel and painted with a coat of rust inhibitor, supports the accumulators. According to their intended number and overall dimensions, they can be positioned in a single (fig. A) or double row (fig. B). Each accumulator leans on a flexible ring, is fastened with two clamps and has a connection block mounted (series **B10/20** or more often, series **BS25/32**). A **delivery manifold** consisting of a central pipe to which several branch pipes have been welded for connection to the relevant blocks (dimensions to be defined according to the flow rate and working pressure). Its two ends are female threaded ISO 228 or, on request, flanged. One of the two ends is closed off by a plug or blind flange. The same thing is applied also to the manifold which connects the discharges of the single blocks. On request a pressure gauge or a pressure switch can be installed for controlling the delivery pressure and a basin for collecting the oil. The double station can also be used for the installation of **transfer accumulators** connected to the **additional nitrogen bottles** mounted in parallel to the same. Various other versions can be supplied so it is advisable to contact our technical department in order to make the best choice.



18.3 Version with block

This version involves the assembly of accumulators on a block acting as support and delivery and discharge manifold. In the most complete version (fig. D) each accumulator is isolated using the series BS25 or BS32 safety block on which all the accessories indicated on pages 30/31 can be mounted. The discharge of each accumulator, through the block, is obtained in the same delivery manifold.

18.4 Designation



Type	No. of accumulator	Accumulator type	Capacity	Drawing
Accumulator station	No. of accumulators installed	S = bladder P = piston F = other	Accumulator size	Drawing no.

