



- in Fluid Energy Management

New production facilities at OLAER Fawcett Christie

Olaer Fawcett Christie has recently invested £300k in the design, assembly and hydraulic testing of piston and bladder accumulators, gas bottles and mixing bottles. The benefits of these developments are greater cost efficiency and faster manufacturing lead times for customers.

Design Facilities

A dedicated technical team uses the latest 3D SolidWorks software driven by calculation programs (linked to EN14359, PD5500 and ASME VIII) to reduce design times and provide technical customer support.



Assembly

The new assembly area now incorporates:

- Pre-assembly parts storage area
- Ultrasonic cleaning of components; tube washing bath with capability of up to 4 metres long x 750mm diameter.



- Tilting/ assembly table for large heavy cylinders, allowing preferred vertical assembly of end caps and pistons into the cylinder.
- 40 metre x 5 tonne crane facility throughout the stocking, assembly and testing areas.



Hydraulic Testing

The dedicated testing facility incorporates:-

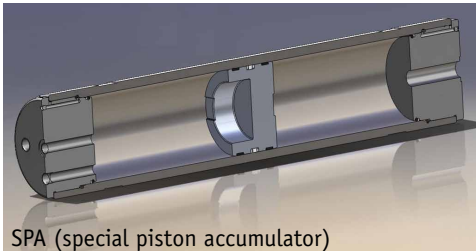
- Steel self contained high safety cell
- 60mm wooden energy absorbing walls
- Lift-off roof for large cylinders
- 2 off air-driven test rigs (water/ glycol & mineral oil) high volume, low pressure pre-test filling capable of testing up to 3000 bar
- Remote inspection for leaks by CCTV
- Data logging of test results for permanent record



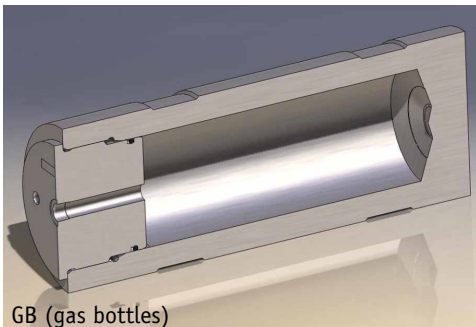
Products

Piston accumulators and gas bottles

- 100mm bore; honed stock tube; up to 550 bar
- 250mm bore; honed stock tube; up to 210 bar
- 25mm-250mm bore; solid bored bar; up to 2000 bar



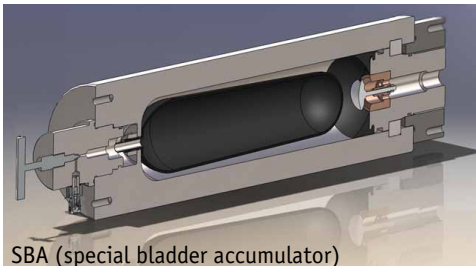
SPA (special piston accumulator)



GB (gas bottles)

Bladder accumulators

- Up to 50 litre/ 2000 bar



SBA (special bladder accumulator)

Mixing bottles

- As per piston range and also with the option of quick release caps (no threads).

Materials

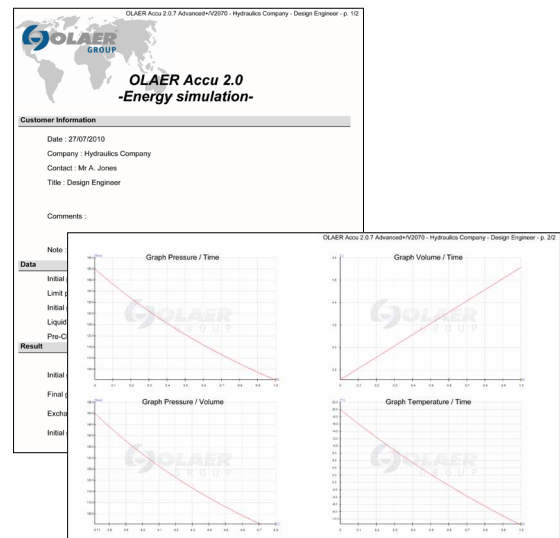
- Carbon Steel
- 3xx Stainless Steel
- 17/4PH Stainless Steel
- Duplex & Super Duplex
- Inconel

Other materials available upon request

Accumulator Sizing Software - Downloads

The OLAER accumulator sizing software can be downloaded from the Olaer Fawcett Christie website www.olaerfawcettchristie.co.uk.

- Go to the 'Downloads' section and select 'Download Accumulator Sizing Software'
- Register on the website and you will instantly receive an email with a download link



Invitation to tour new facilities

If you would like a tour of the new facilities please contact your sales manager or email: marketing@olaerfawcettchristie.co.uk

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