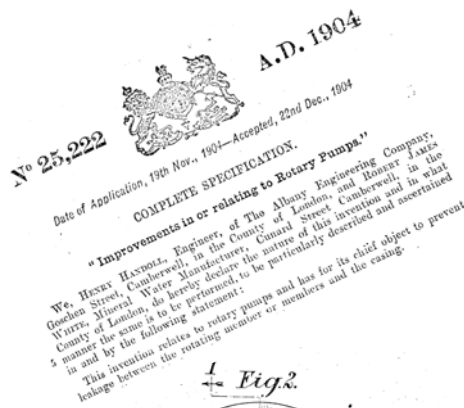


PUMP OPTIONS

PUMPING EXPERTISE FROM ALBANY PUMPS

ISSUE 5



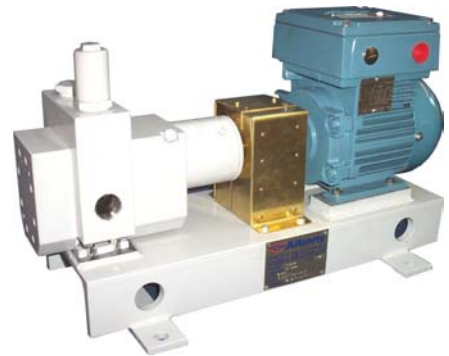
100 YEARS A GEAR PUMP MAKER

Albany obtained Pattern 25,222 for improvement to gear pump design in 1904 following 3 years of supply of standard pumps.

Albany was founded in SE London with a brass foundry. We supplied many UK customers and exhibited in Paris & Milan.

The grooving system meant immediate pumping at start up with no slip. This appealed to motor car makers and in the years up to 1914 Albany supplied to many long vanished names. Other early customers still deal with us.

After destruction of Albany's works in the 1940 blitz we eventually relocated to Gloucestershire in the lovely Forest of Dean. Now we offer twin screw pumps with large flow capability in addition to our well proven ranges of gear pumps.



THE PRESSURE IS ON - 63 BARS

Albany have supplied several very high pressure suction pumps (63 bars) to a USA customer, for an application in the oil industry in Central Asia, the pumps handle crude oil. Material integrity is assured by the use of solid block materials with a heavy duty Burgmann mechanical seal to seal the shaft.

The pump overcomes a small resistance and delivers the oil for analysis. Albany provides its full documentation service for this application to assure compliance with the customer's quality standards.

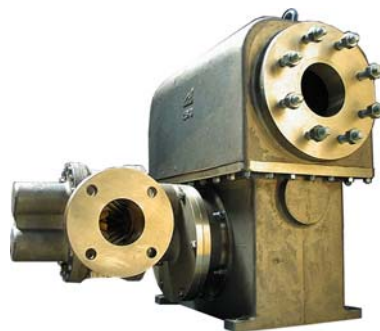
WATER POWERED FOAM PUMP RANGE GROWS

Used offshore and on big storage and loading areas in the oil & gas industry Albany's newly developed 3" foam concentrate pump is a real winner.

The water powered pump offers economy and greatly reduced space requirements. This is critical for offshore fire protection.

The unit supplies 600l/m at up to 18 bars pressure with complete sparkproof safety.

Albany's foam pump range extends to 1400l/m with our gear pumps and above 3000 l/m with our ranges of twin screw pumps.



SEVEN INTO ONE DOES GO!

Albany were asked by Dow Corning to tender for a pump that had seven different duties. These varied in viscosity, flow, temperature and pressure. Originally sceptical that it could be done with one pump we found that Albany's Size 111 Twin Screw

pump with a variable speed drive could match the duties required. Due to the high temperature involved double seals with a pumped, water cooled sealing system was necessary.

The customer is pleased with the results from the twin screw pump as the final product contained very little entrained gas.





PUMPS FOR HAZARDOUS AREAS

Albany Pumps continue to meet the needs of the Petrochem Industry and major OEM's supplying equipment into hazardous areas.

A new European Directive 94/9/EC, commonly referred to as the 'ATEX' directive means that all non-electrical equipment to be used in hazardous areas within Europe, from 1st July 2003, must comply.

Albany comply with this new directive. Pumps and pump units can be supplied for ATEX Category II and III requirements.

As an ISO 9001 approved company all equipment for Category III will be self certified, for Category II Albany will still issue the certificate but a technical file will be held by a notified body.

Equipment will be fitted with a nameplate marked in accordance with ATEX requirements (including CE marking, explosion area markings, temperature classification, manufacturer information and ATEX rating). A 'Declaration of Compliance' will be issued with each pump.

Albany Pumps will meet your needs.

ALBANY "FIGHT" TO SECURE ORDER FOR SINGAPORE CIVIL DEFENCE

After fierce competition Albany secured an order from a major Singapore fire fighting & protection equipment specialist. The requirement was for pumps to handle 1400 litres/minute of fire fighting foam concentrate.

Eight model HD8 relief valve extended bearing pattern Albany pumps with 4-inch flanged connections and bare drive shafts were supplied for

building into skids out in Singapore, (photographs show the units under construction).

The roll-on/roll-off skids incorporated the Albany pump coupled to a diesel engine, foam tank, pipe work and control gear. This enables the Singapore Civil Defence to place the unit at any strategic point to facilitate the fighting of fires.



ROTARY GEAR & CENTRIFUGAL PUMPS

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