David Brown Union Pumps Co.

David Brown Pumps

The Past

David Brown Pumps Division was set up in the early 1960's as a Bingham licensee to satisfy the needs of the European refinery industry and grew, in the 1970's, on the back of North Sea oilfield developments. Following separation from Sulzer-Bingham in 1988, the business has achieved strong international expansion in Africa, the Middle East and Asia Pacific. Manufacturing principally in the UK, with a growing aftermarket operation. The business excels in heavier duty multi-stage centrifugal pumps to API-610 including cryogenic pumps for handling liquefied gas. Annual sales are approximately $40 million with 220 employees.

The Future

David Brown Pumps has traditionally been committed to research and development being at the forefront of developments in double bolting technology for multi-stage pumps, development of high temperature between bearing pumps on abrasive services and a leader in the development of vertical multi-stage cryogenic pumps for LNG terminals. There is a full commitment to quality in all aspects of the operation with the Penistone facility fully accredited to ISO 9001.

Our aftermarket departments provide a comprehensive after sales service including the supply of commissioning and service engineers, a fast and efficient spare parts service, repair and overhaul of units with full testing if required, and an engineering service enabling modifications to be carried out to meet the individual customer's on-site requirements.
HORIZONTAL PROCESS PUMPS

SINGLE STAGE
HHS PUMPS
API 610 type OH2 for petrochemical and hydrocarbon processing, transfer, charge and hot services.

BETWEEN BEARING

DB21, KSMK & HOL SINGLE STAGE PUMPS
API 610 type BB2 for, heavy duty, booster, pipeline, transfer, charge and hot bottoms applications.

DB22 & KSMK TWO STAGE PUMPS
API 610 type BB2 for high pressure and high temperature services in hydrocarbon processing, oil and gas duties

DVDS, DVSS & DB30 SINGLE & 2 STAGE
API 610 type BB1 For pipeline, booster, off sites and transfer services.
MULTI STAGE

**DB34, DVMX & M CLASS MULTI-STAGE**
API 610 type BB3 for pipeline, water injection, boiler feed, descaling, reverse osmosis and other high pressure duties

**HMBS & DB36 DIFFUSER & VOLUTE BARREL PUMPS**
API 610 type BB5 for very high pressure water injections, and boiler feed duties plus, high Temperature charge, bottoms, and transfer services.

**RPD DIFFUSER RING SECTION PUMP**
Segmental Ring Pump for boiler feed, reverse osmosis, cogeneration, descaling and other high pressure general duties
VERTICAL PROCESS PUMPS

INLINE

VCM/UNI-CHEM INLINE PUMPS
ASME/ANSI type B73.2 used in chemical transfer, process and general circulation duties.

VLK/UNILIGN, VTK IN LINE PUMPS
API 610 type OH4 for transfer, booster, process and offsites.

VLK-BB IN LINE PUMPS
API 610 type OH3 for transfer, process booster, and offsite Services.
MULTI STAGE

V, VM & VX & DB50A MULTI STAGE PUMPS
API 610 types VS 1 & VS 2, for hydrocarbon and industrial sumps, transfer, reverse osmosis, lift pumps and fire pumps to NFPA 20.

VB, VMBX, & VBX PUMPS
API 610 type VS6 & VS7 for hydrocarbon and pipeline boosting, condensate, and other very low NPSH applications.

DB62C CRYOGENIC MULTI-STAGE PUMPS
API 610 type VS6 & VS7 for LNG and other cryogenic services
MUTUP MULTIPHASE PUMP
Subsea, onshore and offshore for handling multiphase mixture such as gas, oil and water.

POWER PUMPS

SX-3, DX-5, TX-10 & TX28
Simplex, duplex and triplex single acting plunger pumps for general industrial and process services. Also available to API 674.

TD-30, TD-60 & QD-100
Triplex and quintuplex single acting plunger pumps for general and process services. Also available to API 674.
**TX-50 THROUGH TX-200 & QX-300**
Internally geared triplex and quintuplex single acting plunger pumps for general and process services. Also available to API 674.

**TD-120, TD-150, TD-240, QD-200, QD-400 & QD-5240**
Triplex and quintuplex single acting plunger pumps for general industrial and process duty. Also available to API 674.

**TD/QD-7000 & TD/QD-8060**
Triplex and quintuplex single acting plunger pumps for general industrial and process duty. Also available to API 674.
RECIPROCATING STEAM PUMPS, DIRECT ACTING

DHD DIRECT ACTING DUPLEX PUMPS
Double acting duplex piston pump widely used with steam, gas or air drive on boiler feed and refinery process duties.

DVP & SMC VALVE POT PISTON PUMPS
The DVP is a double acting duplex piston pump whilst the SMC is simplex version. The units are used on high temperature applications, slurries, viscous or volatile liquids.

FHP PUMPS
The FHP is a horizontal, simplex, double acting, outside end-packed plunger type design with a forged or plate liquid cylinder.
Textron acquired this subsidiary of KSB group (a German industrial pump manufacturer) in 1999. Serving markets in Europe, Northern Africa and Asia, the addition complements Textron’s line of pump systems for oil and gas applications.

The manufacturing facility, today located in Annecy, France, has origins that date back to 1919. Prior to the relationship with KSB, which began in 1986, the facility manufactured pumps under license of Byron Jackson (1950’s and 1960’s). Products include a complete line of centrifugal pumps in compliance with API-610 and safety-related pumps for nuclear power plants. Annecy has its own Product Development resources with specific skills in API products, noiseless pumps, inducers, and ceramic bearings.

Typical Markets

- Oil and gas industry
- Nuclear power stations
- Navy
- Sea water desalination system

- Maag Pump Systems