

A Look Back at 2018

Q1

CHANGE IN COMPANY NAME

KSB AG adopts a new legal form and a new name: KSB SE & Co. KGaA. The partnership limited by shares [*Kommanditgesellschaft auf Aktien* (KGaA)] is operationally managed by four Managing Directors who organisationally belong to KSB Management SE. An Administrative Board sets the corporate and strategic guidelines and monitors their implementation.



PAKISTAN

At its production site in Hassanabdal, KSB upgrades the foundry by adding a fully automatic and environmentally friendly system to increase its melting and moulding capacities.

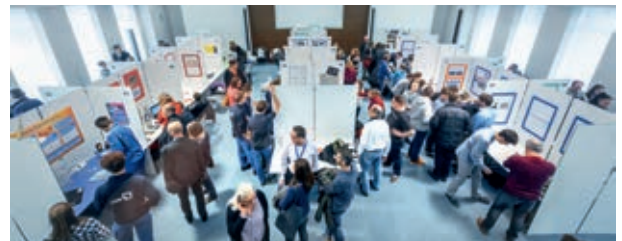
SERVICE EXPANSION IN THE USA

In order to expand its service network, KSB acquires DUBRIC Industries Inc. in the USA. The company's headquarters are located in Comstock Park, Michigan, between Detroit and Chicago. Founded in 1974, the company specialises in support services for pumps and other rotating equipment.



WASTE WATER PUMPS

The demand for pumps for large-scale waste water treatment plants is increasing worldwide. KSB therefore decides to extend its Sewatec types series by adding 15 new sizes. The largest pump set handles 33,000 cubic metres of waste water per second and has a drive rating of over one megawatt.



YOUNG RESEARCHERS

At the KSB training workshop in Frankenthal (Pfalz), 95 school pupils present their projects for "Jugend forscht", a regional competition for young researchers. This is the sixth time that KSB has hosted this event.



INVESTMENTS IN THE GROUP HEADQUARTERS

Extensive refurbishment and restructuring work begins at the Group headquarters in Frankenthal (Pfalz). KSB invests around ten million euros to improve the building structure and create an attractive work environment for employees.

Q2



ACCOLADE FOR TRAINING

KSB is ranked one of “Germany’s best training companies” for the second time since 2017. A study commissioned by Deutschland Test and the business magazine Focus Money evaluated the training quality of 20,000 companies in different industries. KSB is ranked ninth out of 58 mechanical engineering companies.



AUGMENTED REALITY SERVICE

At the ACHEMA industry trade fair in Frankfurt, KSB presents a new service concept based on Augmented Reality[®]. The concept involves visualising information in addition to electronic real-time images. Via data glasses, KSB service engineers and operating staff receive remote guidance which enables them to carry out maintenance measures. They can also identify spare parts and initiate the ordering process.



SERVICE IN RIYADH

KSB Pumps Arabia Ltd., a joint venture of KSB and Abunayyan Holding, inaugurates its new service workshop in Riyadh on the occasion of the company’s 25th anniversary. Over the last three years, KSB has invested more than € 10 million in the expansion and renovation of the 600 m² service centre. Its employees service and repair pumps and valves for all areas of application. Many industrial companies are located in the Saudi Arabian capital.



ADDITIVE MANUFACTURING

KSB commissions a large metal and laser melting system for additive manufacturing[®] in Pegnitz. Based on specifications in a data record, a laser melts metal powder on a platform, creating components layer by layer. Costing around € 2 million, the system unlocks new design possibilities for materials and foundry technology.



TRADE FAIR FIRST

KSB positions itself at IFAT in Munich with smart products and services for the water and waste water industry. One of the highlights is the KSB Guard pump monitoring system which sends current operating data to the KSB Cloud. This data can then be used to check the status of a pump at any time, for example via an app.

Q3



DIGITAL COMMUNICATION

KSB starts selling Bluetooth gateways. KSB service specialists use these devices for commissioning and service assignments. An app enables wireless communication with variable speed pump systems. Service engineers and operators can use the app to select their required settings and set up alert messages. The KSB product and spare parts catalogue can also be accessed via the app.



NEW CHANNELS

To recruit creative minds for a successful digital future, KSB directly addresses prospective applicants via social networks. At a Talent Challenge Day at the beginning of July, KSB tests a new selection process for the first time in which applicants are asked to find creative solutions to interesting problems.



MAJOR ORDER

KSB lands an order worth several million euros for 280 high-pressure valves and spare parts for two steam power plants located in the state of Uttar Pradesh, India. The products will be supplied by KSB factories in Pegnitz (Germany), Coimbatore and Mala (both in India). Delivery will be completed by September 2019.



VISIT BY MINISTER

The Minister of Economic Affairs of the State of Rhineland-Palatinate, Dr Volker Wissing, visits the Frankenthal site to find out about digitalisation at KSB. Members of Management also report on how the company is advancing its service portfolio and vocational training.



DISASTER RELIEF

After heavy rainfalls, the city of Alappuzha in the South Indian state of Kerala becomes severely flooded. KSB quickly provides help through the provision of water and waste water pumps.

Q4



POLAND

Since its foundation in 1993, KSB Polska Sp. z o.o. has developed into a company employing around 100 staff. The company celebrates its 25th anniversary on 19 October. KSB is represented in Poland with three sales branches and two service centres. A third service centre is currently being set up.



US PREMIERE

KSB presents the new KSB SupremeServ service brand at the Turbomachinery & Pump symposium in Houston. The brand name stands for services such as installation, commissioning and inspection, fast spare parts delivery and modernisation.



MAINTENANCE INSPECTION

KSB Service performs comprehensive maintenance inspection work on valves at two German plants of a mineral oil company. The work takes several weeks and is carried out in plants for manufacturing fuels and petrochemical base materials. Maintenance inspections are an important element in the broad range of services offered under the KSB SupremeServ brand.

A PUMP OF SUPERLATIVES

KSB wins the contract to produce the world's largest boiler feed pump for the new Pingshan II coal-fired power plant in Huaibei, China. Driven by two steam turbines, the pump set will have an input power of more than 50 megawatts with a maximum pressure of 400 bar. The pump will transport 5,150 cubic metres of water per hour.



WELL PUMPS FOR SUDAN

In December KSB delivers the first of over 1,000 well pumps to Sudan. The pump sets will be used for irrigation in agriculture. The slim submersible borehole pumps transport groundwater from deep below ground.