

KBL Develops its Biggest Ever HYPN System



Kirloskar Brothers Limited (KBL) is the market leader in the manufacture of dedicated fluid management solutions for the Building and Construction industry. The company is also widely recognised across the industry for developing specially-designed pumping solutions customised exactly in accordance with the customer requirements. Some of the most prominent pumping solutions offered by KBL for the B&C industry include the company's signature fire-fighting and de-watering pumps, waste water pumps, HVAC pumps and HYPN system.

Now, KBL's HYPN system is an intelligent water supply solution ideally designed for high-rise buildings and commercial complexes that can serve the changing water demand at

constant pressure. Unlike a conventional pump, the hydro-pneumatic system helps curb maintenance and energy costs by facilitating greater control on supply capacity of liquid, varying it as per user/system demand.

The size and technical specifications of the HYPN system offered by KBL differ depending on the client and project requirement. Accordingly, for a recent client project, KBL's Shirwal facility developed its biggest ever pressure-boosting (HYPN) system with a staggering total system flow of 600 m³/hr and 160 m head. The system carries a total input power of 330kW.

This exclusive custom-made system was duly tested at the company's in-house testing facility located at Kirloskarvadi in

Maharashtra. The configuration of this specially-designed HYPN pump system ensures its long life making it one of the most cost-effective pressure-boosting systems around. The HYPN system assembly also includes 4 KCIL-200 pumps, KBL's traditional range of vertical multi-stage inline pumps, connected in parallel.

This system was recently commissioned at a leading mobile phone manufacturer's commercial office in Greater Noida, Uttar Pradesh, for facilitating supply of drinking water as per demand across the centre.

This development yet again reiterates KBL's capabilities as a leading provider of customised fluid management products and solutions.