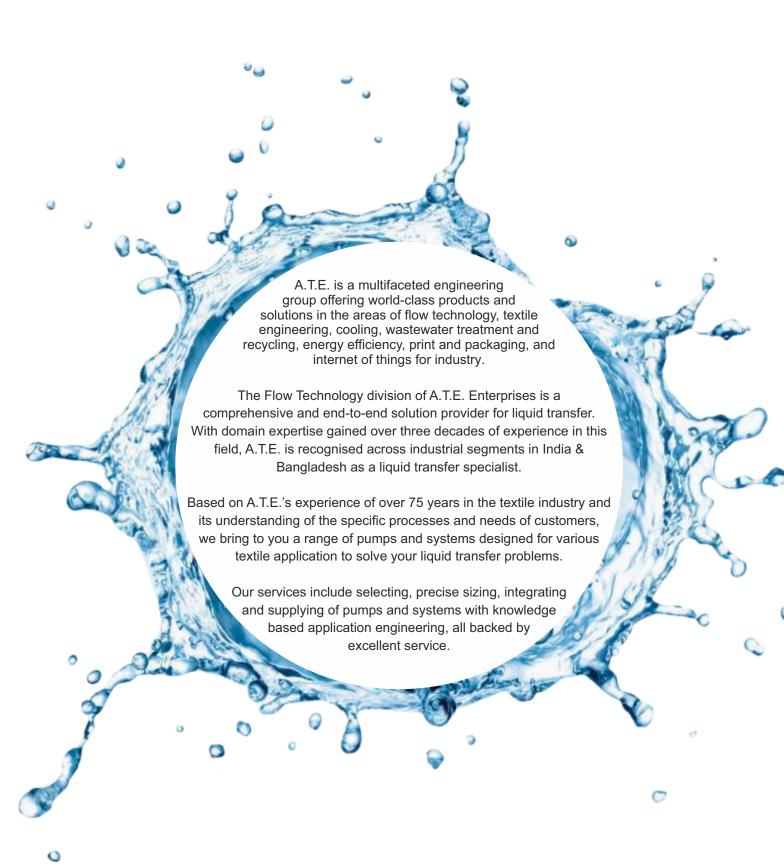






A.T.E. experts flow technology



AODD pumps for screen printing and sizing applications



AODD pump

Air operated double diaphragm pumps are ideal for transferring colour, cellulose and starch in printing and sizing applications. AODD pumps have better transfer rates, thus they transfer colour, cellulose and starch consistently.

Features and benefits:

- Handle wide variety of fluids and chemicals
- Variable flow rate and discharge pressure
- No motor required operate on pneumatic principle
- Lesser moving parts low maintainence cost
- No lubrication required

Automated chemical dosing systems for desizing and other applications



Chemical dosing systems provide accurate dosing based on set parameters, are easy to install and do not call for manual intervention. These systems are custom built based on user defined requirements.

Features and benefits:

- High dosing accuracy
- High operational safety
- Most advanced control and pump technology





Electromagnetic dosing pumps



Chemical dosing system



TeraFlow pressure boosting systems



TeraFlow hydropneumatic system

TeraFlow hydropneumatic systems deliver constant pressure of water to multiple dyeing machines and other utility points across a process house. These systems eliminate the need for an overhead storage tank. The scalable design enables a variety of configurations, ranging from fixed speed to advanced and fully automated variable speed systems.

Features and benefits:

- Maintain constant pressure of water across all utilities
- Skid mounted, easy to install
- Robust system, low maintenance
- No need of a standby pump since all pumps on a soft start

Centrifugal pumps for clear water transfer applications

Highly efficient range of in-line, end-suction and split-case centrifugal pumps and vertical multistage pumps which enable continuous operation of chillers, boilers, cooling towers, and RO systems.

Features and benefits:

- Designed for continuous operation
- Low noise level and service friendly
- Energy efficient
- Lower life cycle cost



In-line end suction pumps





Vertical multistage pumps

Automated dosing controller for water treatment applications



Water treatment controller

This automated dosing controller is an integration of advanced sensing, instrumentation, fluid pumping, and extensive remote data communication technologies into a compact package for water treatment.

Features and benefits:

- Monitors and controls true value for various water treatment parameters
- Handles multiple cooling towers, boilers in closed loops or any combination
- Data logging and email, text, SMS, alarms
- Fully automated operation without any manual intervention

Submersible pumps, mixers and diffusers for effluent treatment plants

Submersible pumps

These submersible pumps are used for dewatering waste and fluid water from the basement. The pumps have a thermal sensor which is ideal for motor protection. With a convenient installation procedure and a structure that allows the pumps to be either free-standing or mounted on a pedestal, these are ideal for fluid transfer in wastewater and effluent treatment facilities.

Features and benefits:

- Hydraulic design with Contrabloc system or vortex impellers
- Highly efficient IE3 motor in accordance with IEC 60034-30
- Available with H and F class insulation with IP 68 enclosure
- Integrated thermal and moisture sensors
- Automatic coupling with single guide rail



Submersible pumps

Submersible mixers

This range of submersible mixers are suitable for agitating, blending, mixing, dissolving, and suspension of solids in effluent treatment plants.

Features and benefits:

- Energy saving and self-cleaning propeller design
- Highly energy efficient compared to conventional mixing
- Adjustable bracket allows direction to be altered
- Reliable with a minimal risk of motor overloading
- Patented solids deflection ring



Diffusers

These diffusers have special features such as non-return valves and sliding rings that improve the operational reliability and efficiency. High oxygen transfer efficiency combined with low pressure drops makes these diffusers extremely effective.

Features and benefits:

- Low pressure drop and high aeration efficiency
- Quick and easy installation with flexible layout design
- Double layer disc to achieve top oxygen transfer yield with very low back pressure
- Equipped with non-return valve







Our network





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