



COMPANY PROFILE

AutoFlow Systems Ltd.

PRECISION.PERFORMANCE.PERSISTENCE.

Design . Supply . Installation . Testing . Commissioning . Maintenance

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www.autoflowsystems.com

About Us



Autoflow Systems Ltd. is a leading engineering solutions provider in Bangladesh, specializing in energy-efficient pumping, water and waste water management solutions. Since 2021, we have been delivering reliable, innovative, and cost-effective solutions for commercial, residential, municipal, and industrial applications.

We provide complete turnkey services, including system design, equipment selection, supply, installation, testing, commissioning, and after-sales support. Our expertise covers pumping systems, fire protection systems, booster pumping systems, deep tube wells, water treatment plants (WTP), and sewage treatment plants (STP), with a strong focus on optimizing performance and reducing energy consumption. We represent globally recognized brands, including EBARA (Japan) and Standart Pump (Turkey), IDEX (USA), Rotex USA Inc. ensuring the highest standards of quality, reliability, and efficiency.

At Autoflow Systems Ltd., we are committed to delivering engineering solutions that maximize performance, minimize operating costs, and create long-term value for our customers.

Our Vision

Becoming the most trusted and innovative provider of intelligent water and pumping solutions in Bangladesh, setting the benchmark for engineering excellence while shaping a future where every drop of water is managed efficiently, sustainably, and responsibly.

Our Mission

We provide efficient, durable, and innovative pumping and water treatment solutions supported by complete technical expertise and after-sales service, adding value to our clients while protecting tomorrow's resources.

The People Behind AutoFlow



CHAIRMAN

Mohammad Atiqur Rahman

B.Sc. Engg. (Mech.), BUET • MIEB • ASHRAE (M)

Pioneer engineer in Bangladesh's HVAC sector with more than 23 years of experience; proprietor of parent company Greentech Services.

Message from the Chairman

At AutoFlow Systems Ltd., our journey is defined by a relentless pursuit of engineering excellence and a commitment to shaping a sustainable future for Bangladesh. Leveraging decades of foundational expertise in advanced engineering and specialized sectors like HVAC and fluid management, we built AutoFlow to bridge the gap between global innovations and local engineering needs. We don't just supply systems; we deliver peace of mind through turnkey solutions that optimize resource consumption and protect tomorrow's resources.



MANAGING DIRECTOR

Md. Mahafuzur Rahaman

B.Sc. Engg. (Mech.), MBA (DU)

With over 25 years of professional experience in Pumping Systems, Water Treatment Plants (WTP), and Wastewater Treatment Plants (WWTP/STP). Expertise covers the complete project lifecycle, including concept development, design, engineering, supply, installation, testing, commissioning, and after-sales technical support, with a strong focus on quality, reliability, and customer satisfaction.

Message from Our MD

As the Managing Director of AutoFlow Systems Ltd., I am committed to delivering innovative, reliable, and energy-efficient engineering solutions that meet international standards and exceed customer expectations. My focus is on technical excellence, quality assurance, customer satisfaction, and building long-term partnerships through professional engineering services.

01

WHAT WE DO

Capabilities & Field of Expertise

■ Pump and Pumping System

- **Industrial Application**
- **Building Services**
- **Fire Protection System**
- **Agriculture and Irrigation**
- **Power and Energy**

■ Water Treatment Plants

- **Reverse Osmosis (RO)**
- **Demineralization (DM) plants.**
- **Iron Removal Filters (IRF)**
- **Sand Filters (SF)**
- **Activated Carbon Filters (ACF)**
- **Multi-Media Filters (MMF)**
- **Water Softener and Filtration System**

■ Waste Water Treatment Plants

- **Sewage Treatment Plants (STP)**
- **Effluent Treatment Plant (ETP)**

■ Water Features & Fountains

■ Swimming Pool Solutions

■ Cooling Tower

■ Ventilation Systems

■ Deep Tubewell



End Suction Pump

Capacity	Up to 1300 m ³ /hr
Head	Up to 160 m
Design temp.	Up to +140 °C
Max. pressure	16 bar



Vertical In Line Pump

Capacity	Up to 850 m ³ /hr
Head	Up to 100 m
Design temp.	Up to +140 °C
Max. pressure	16 bar

Monobloc Pump

Capacity	Up to 600m ³ /hr
Head	Up to 100 m
Design temp.	Up to +140 °C
Max. pressure	16 bar





Thermal Oil Pump

Capacity	Up to 550 m³/hr
Head	Up to 105 m
Design temp.	Up to +350 °C
Max. pressure	16 bar

Split Casing Pump

Capacity	Up to 6000m³/hr
Head	Up to 180 m
Design temp.	Up to +110 °C
Max. pressure	25 bar



Self Priming Pump

Capacity	Up to 840 m³/hr
Head	Up to 42 m
Design temp.	Up to +140 °C
Max. pressure	10 bar



Vertical Multistage Pump

Capacity	Up to 280 m ³ /hr
Head	Up to 320 m
Design temp.	Up to +140 °C
Max. pressure	35 bar



Auto Pressurized Booster System

Capacity	Up to 6 Pumps in a Set
Head	Up to 320 m
Design temp.	Up to +140 °C
Max. pressure	35 bar

Control Panel

- Auto Control Panel (PLC, HMI, VFD etc.)
- Star Delta Panel
- Dol Starter





Horizontal Multistage Pump

Capacity	Up to 1000 m ³ /hr
Head	Up to 550 m
Design temp.	Up to +140 °C
Max. pressure	63 bar



Vertical Multistage Pump

Capacity	Up to 400 m ³ /hr
Head	Up to 450 m
Design temp.	Up to +140 °C
Max. pressure	63 bar

Pressure Tank

Capacity	Up to 2000 L
Max. pressure	25 bar Membrane type accumulator approved for drinking water.





SS Horizontal Multistage Pump

Capacity	Up to 27 m³/hr
Head	Up to 97 m
Design temp.	Up to +110 °C
Max. pressure	10 bar



SS Pump

Capacity	Up to 450 m³/hr
Head	Up to 70 m
Design temp.	Up to +104 °C
Max. pressure	1.0 MPa

SS Monobloc Pump

Capacity	Up to 12.5 m³/hr
Head	Up to 71.5 m
Design temp.	Up to +120 °C
Max. pressure	8 bar





SS Open Type Impeller Pump

Capacity	Up to 18 m³/hr
Head	Up to 10.5 m
Design temp.	Up to +140 °C
Max. pressure	1.0 MPa



Surface and Submersible Pump

Capacity	Up to 7.2 m³/hr
Head	Up to 75 m
Design temp.	Up to +40 °C
Max. pressure	10 bar

SS Pressure Booster

Capacity	Up to 20 m³/hr
Head	Up to 45 m
Design temp.	Up to +95 °C
Max. pressure	10 bar





Submersible Pump

Capacity	Up to 384 m³/hr
Head	Up to 560 m
Design temp.	Up to +110 °C
Protection	IP 68



SS Sump Pump

Capacity	Up to 54 m³/hr
Head	Up to 20 m
Design temp.	Up to +40 °C

Sump Pump

Capacity	Up to 1600m³/hr
Head	Up to 95 m
Design temp.	Up to +40 °C
Max. pressure	10 bar





SS Sump Pump

Capacity	Up to 18 m³/hr
Head	Up to 20 m
Design temp.	Up to +35 °C
Protection	IP 68



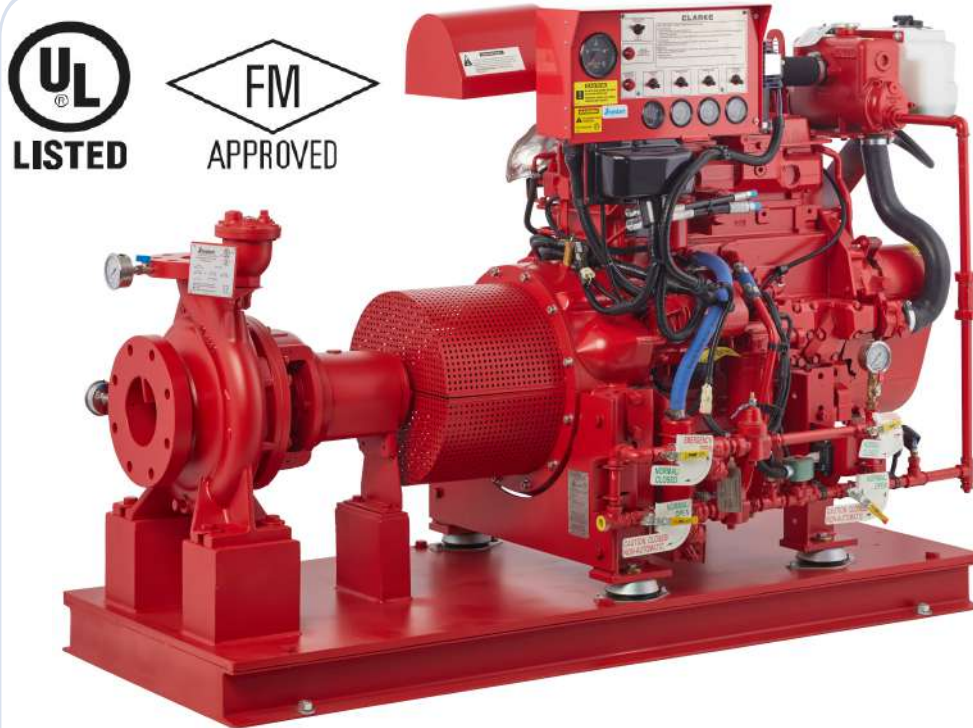
DSC 3 Ebara

Capacity	Up to 7500 m³/hr
Head	Up to 80 m
Design temp.	Up to +80 °C

Sump Pump With Cutter

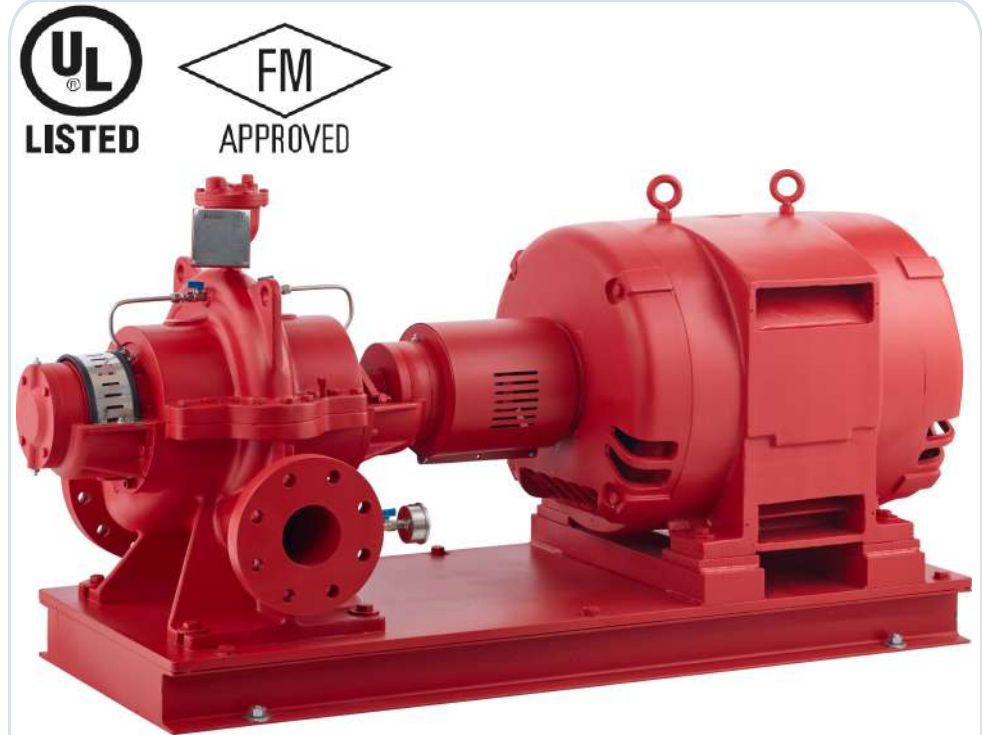
Capacity	Up to 10m³/hr
Head	Up to 28 m
Design temp.	Up to +40 °C





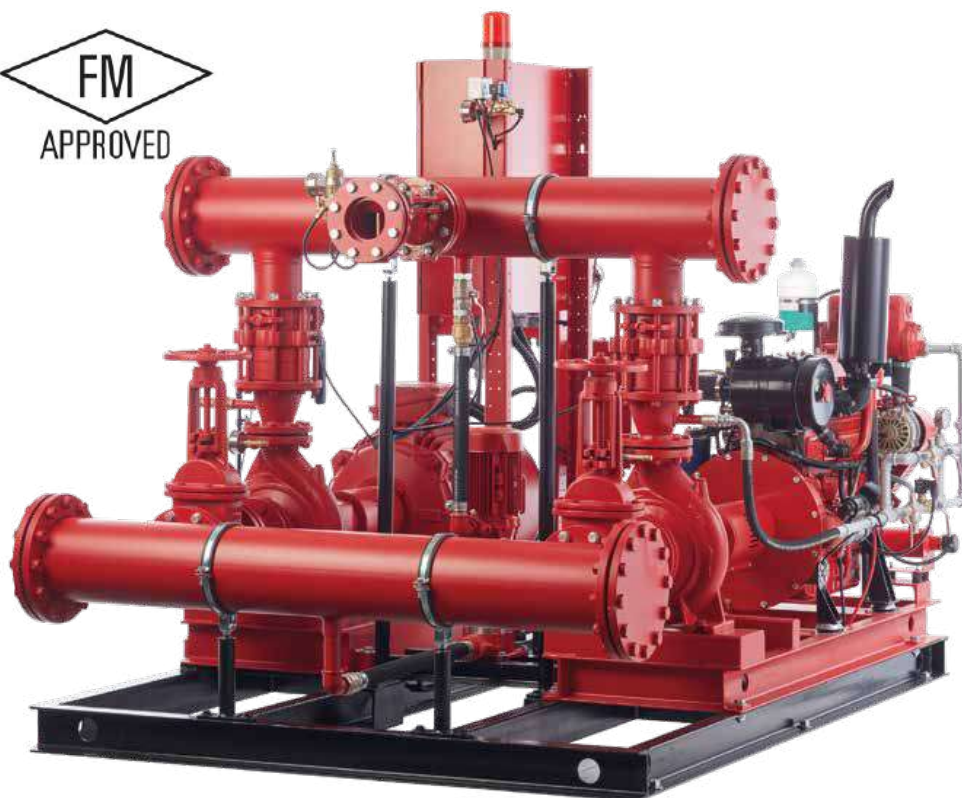
Engine Driven Fire Pump

Capacity	Up to 384 m³/hr
Head	Up to 560 m
Design temp.	Up to +110 kW
Protection	IP 68



Fire Pump

Capacity	Up to 1600 m³/hr
Head	Up to 95 m
Design temp.	Up to +40 °C
Max. pressure	10 bar



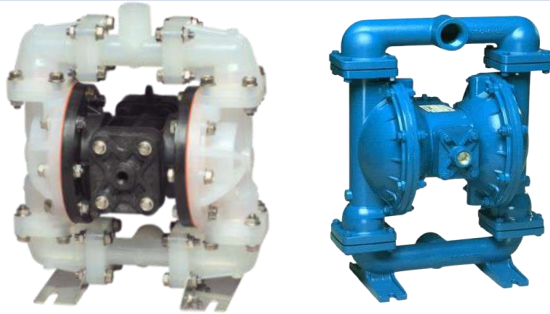
Fire Safety System

Capacity	Up to 5000 GPM
Head	Up to 170 m
Pump type	End-suction / split-case



Jokey Pump

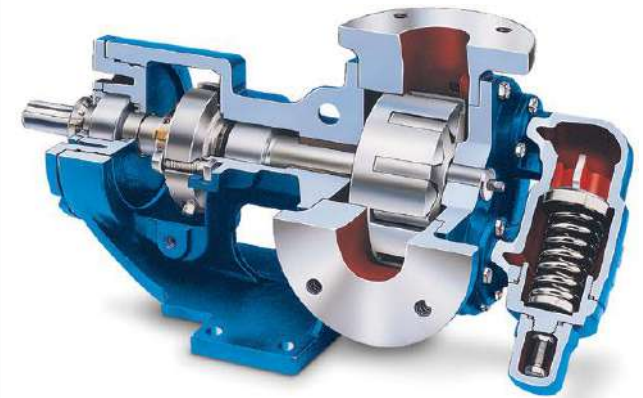
Capacity	Up to 90 m³/hr
Head	Up to 170 m
Design temp.	Up to +50 °C



Sizes $\frac{1}{4}$ " – 3"
**Air-Operated Double
Diaphragm (AODD)**



AODD Spare Parts



Gear Pump

Flow	365 m³/hr
Viscosity	Up to 1,000,000 cSt
Design temp.	Up to +430 °C
Max. pressure	14 bar

Dosing Pump

Capacity	Up to 2000 L/hr
Viscosity	Up to 500 cSt
Max. pressure	Up to 17 bar

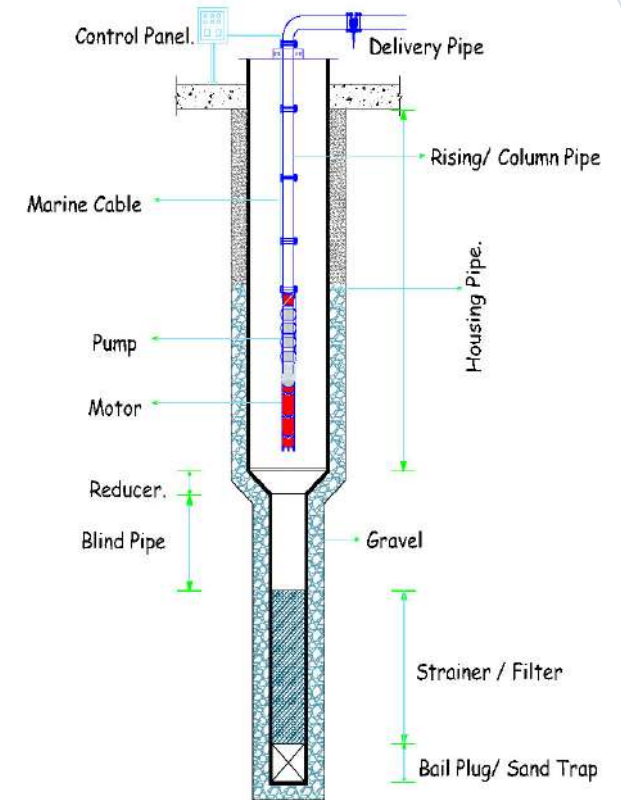




Reverse Osmosis System



Water Treatment Plant



Deep Tubewell

Size Up to 18 inch x 8 inch
Depth Upto 1400 ft



FRP Packed-
Sewage Treatment Plant



WTP/STP Filter Internal
Components



Cooling Tower



Fan Coil Units

Systemair

Airflow	Up to 1500 m ³ /hr
Cooling Capacity	Up to 9.6 kW
Heating Capacity	Up to 13.6 kW

Ventilation Fan (AXC)

Systemair

Size (mm)	315-1600
Temperature	55 °C





Scum Skimmer



Heat Pump



Sand Filters

Self Priming Pool
Filter Pump

Environmental temp. **Up to +50 °C**
Max. pressure **0.3 MPa**



Filter Size **Up to 1400 mm**
Design temp. **Up to 43 °C**
Max. pressure **2.5 bar / 36 psi**

02

GLOBAL TECHNOLOGY, LOCAL DELIVERY

Our Brand Partners

AUTHORISED DISTRIBUTOR

Brand Partners

AUTOFLOW



systemair



03

Our Prestigious Clients

TRUSTED BY

Our Prestigious Clients

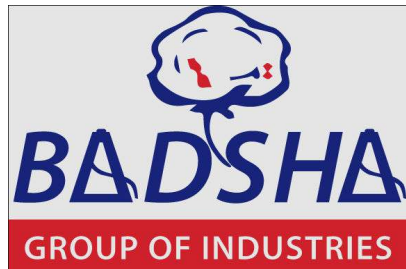


Leading industrial groups, developers, hospitals, hotels and public institutions across Bangladesh rely on AutoFlow.



TRUSTED BY

Our Prestigious Clients



MASIHATA GROUP



ACI Pharmaceuticals



VOLUMEZERO⁰



TRUSTED BY

Our Prestigious Clients



PROVEN IN THE FIELD

Landmark Projects

Supply, installation and commissioning delivered for commercial towers, hospitals, industry and national infrastructure.



Auto-Pressurized Booster System

SIMPLETREE GSR & ATTALIKA • GULSHAN-2



Water & Rain-Water Treatment

SIMPLETREE GSR & ATTALIKA • GULSHAN-2



Chilled Water

City Seed Crushing Ltd.

RUPGANJ, NARAYANGANJ



Sewage Treatment Plant - MBBR Technology

Simpletree GSR Project

GULSHAN-2, DHAKA



HVAC Pump

Green Life Hospital
GREEN ROAD, DHAKA



Chilled Water

Hazrat Shahjalal Int'l Airport
AIR TRAFFIC MANAGEMENT, DHAKA



Fire System

Ruppur Nuclear Power Plant

ISHWARDI, PABNA



Booster System

Square Hospitals Ltd.

WEST PANTHAPATH, DHAKA



Chilled Water

Divine Mercy Hospital Ltd.
KALIGANJ, GAZIPUR



Diesel Transfer AODD PUMP

Incepta Pharmaceuticals Ltd.
SAVAR PLANT, DHAKA



Landscape Project

BRAC University — New Campus

MERUL BADDA, DHAKA



Domestic Booster System

Cabinet Secretary House

10 MINTO ROAD, DHAKA



IFL Factory Ltd.

SALNA, GAZIPUR



Booster System



Water Treatment Plant

NASSA Group

MOHAKHALI & TEJGAON, DHAKA



Booster System And WTP

Simpletree Amena GULSHAN-2, DHAKA



Sewage Treatment Plant

The Royena Resort

GAZIPUR, DHAKA

Prestigious Project List



01 Simpletree GSR Gulshan Avenue, Dhaka

- **Booster System**
- **Sewage Treatment Plant**
- **Water Treatment Plant**

02 Divine Mercy Hospital Ltd. Kaliganj, Gazipur

- **Chilled Water And Condenser Water**
- **Booster System**
- **Drainage Pump**
- **Lifting Pump**

03 The Oasis at Ispahani Colony Moghbar, Dhaka

- **Lifting Pump For 14 Storage Building**
- **Electric Panel**
- **Water Level Automation**

04 Simpletree Attalika Gulshan Avenue, Dhaka

- **Booster System**
- **Sewage Treatment Plant**
- **Water Treatment Plant**

05 Simpletree Mahabub Plus Gulshan Avenue, Dhaka

- **Booster System**
- **Water Treatment Plant**

06 Square Hospital Limited Panthapath, Dhaka

- **Booster System**
- **Lifting Plant**

07 BRAC University Merul Badda, Dhaka

- **Landscape Pump System With all accessories**

08 Simpletree Amena Gulshan Avenue, Dhaka

- **Booster System**
- **Water Treatment Plant**

Prestigious Project List (Ongoing)



01 Qatar Embassy Gulshan -2, Dhaka

- **Swimming Pool**
- **Booster System**
- **Drainage System**

02 Simpletree The September Gulshan Avenue, Dhaka

- **Booster System**
- **Water Treatment Plant**
- **Sewage Treatment Plant**

03 Simpletree Elysee Gulshan Avenue, Dhaka

- **Booster System**
- **Water Treatment Plant**

04 Square Texcom Ltd. Bhaluka, Mymensingh

- **Deep Tubewell**
- **Size: 14 inch x 6 inch x 600ft**

05 Concordia Bounding Ltd Mirer Bazar, Kamar Gao. Gazipur

- **Booster System for Washing Plant and**
- **Domestic Water**
- **Supply System**

06 Pioneer Wash Tech Ltd Nabinagar, Dhaka

- **Booster System for Washing Plant**
- **Domestic Booster Pump**
- **Recycled Water Booster System**
- **Water Softener Pump**

AUTOFLOW



PRECISION.PERFORMANCE.PERSISTENCE.

Let's engineer your flow.

Talk to our engineering team about pumps, booster systems, fire safety, and water &

Call

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