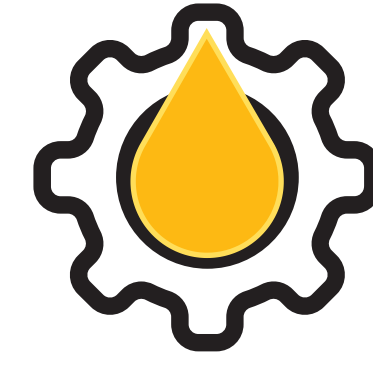


www.ahebd.com



**Ahmed
Engineering**

Quality spares for textile machinery.

COMPANY PROFILE



স্পায়ার্স



Textile Squeeze Rubber

রাবার স্কুইজি



PTFE মেশ কনভেয়ার বেল্ট



ফেল্ট ব্ল্যাংকেট



লুব্রিক্যান্ট



UHMWPE হুইল,

FOUNDER & CHIEF EXECUTIVE

Ahmed Hossain

Ahmed Hossain is an experienced industrial and textile-focused entrepreneur with hands-on expertise in textile processing, boiler house operations, and industrial utility systems. His practical exposure to factory-level challenges inspired the establishment of Ahmed Engineering as a solution-oriented engineering company.

Under his leadership, Ahmed Engineering has evolved into a trusted technical partner known for quality, integrity, and long-term customer relationships.



CO-FOUNDER

Mohammed Monir Hossan Sarker
Director – Operations & Engineering

Mohammed Monir Hossan Sarker is a skilled professional in textile processing equipment, thermal systems, and custom engineering project management. He ensures efficient project execution, technical coordination, and sustainable solutions for clients.

His responsibilities include supervision of boiler economizer and heat exchanger projects, quality control, and after-sales technical support, significantly strengthening the company's engineering capability.



COMPANY PROFILE

COMPANY OVERVIEW

Ahmed Engineering is a specialized engineering solutions provider serving the textile processing and finishing industry, along with accessories supply, UHMWPE, lubricant, boiler, heat exchanger, and thermal engineering systems. We combine hands-on industrial experience, technical expertise, and international sourcing capabilities to meet real operational requirements.

40+
Products

Capable of meeting textile and industrial demands.

376 +
Projects

Successfully delivered by Ahmed Engineering





To become a trusted, technology-driven, long-term engineering partner for textile and industrial process industries.

We aim to be recognized as a reliable reference brand in thermal engineering and custom machinery solutions in Bangladesh.

Our mission is to deliver reliable, efficient, and economically sustainable engineering solutions for industrial facilities. We prioritize safety, performance, and real operational needs in every product and project.

Through quality products, technical consultancy, custom design, and strong after-sales support, we are committed to ensuring long-term value for our clients.

CORE VALUES

Quality & Reliability

All our products and solutions are selected or designed with a focus on durability, performance, and compliance with industry standards. We never compromise on quality.

Technical Integrity

We focus on long-term operational benefits rather than short-term sales, offering solutions based on proper technical evaluation and real-world feasibility.

Customer Commitment

Understanding customer needs, responding promptly, and delivering effective solutions form the foundation of our customer relationship approach.

Continuous Improvement

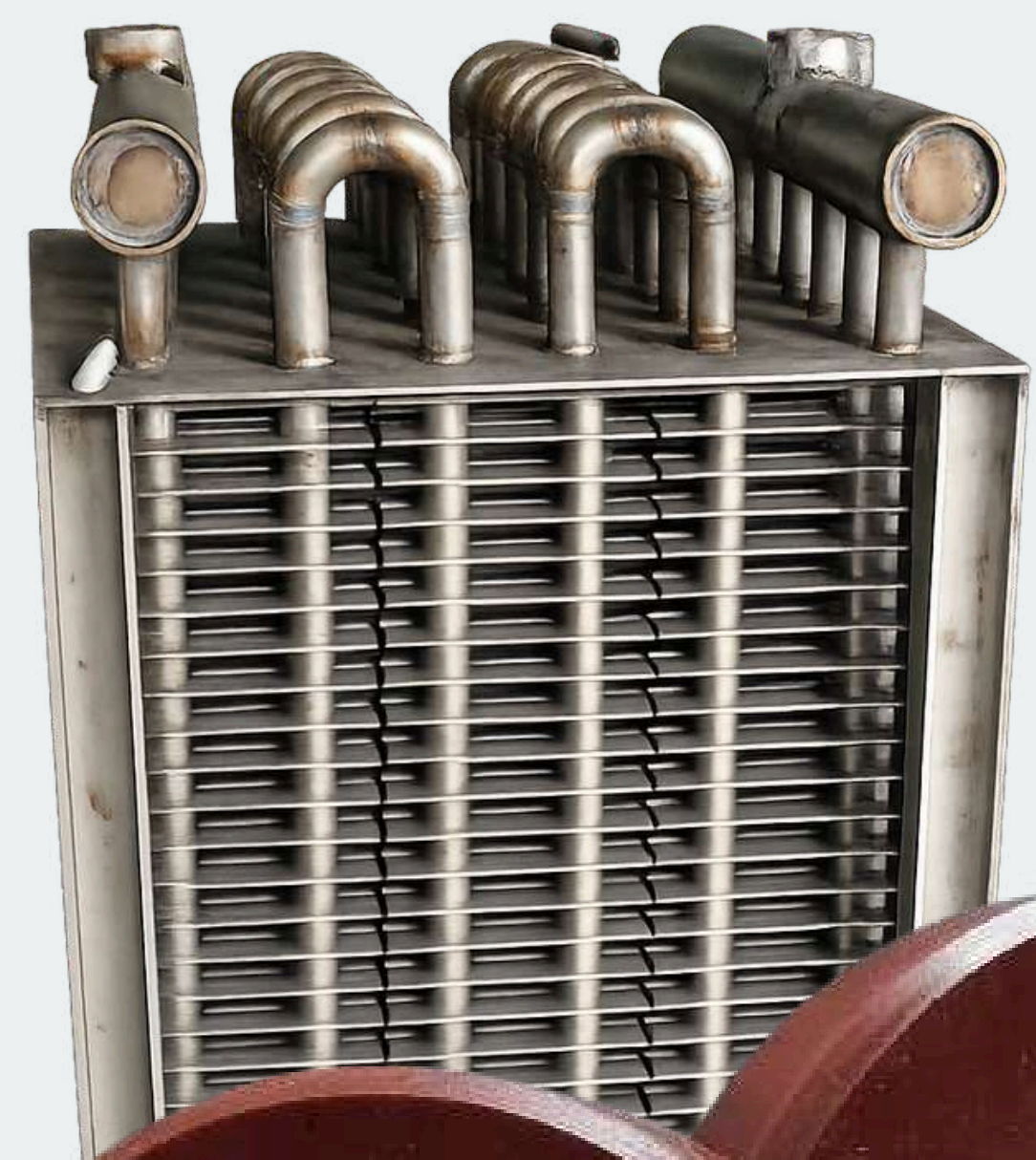
We continuously upgrade our knowledge and capabilities by adopting new technologies, international standards, and evolving industry trends.



Textile Processing & Finishing Products

Our product range includes Rubber Squeegees, Felt Blankets, PTFE Mesh Conveyor Belts, PTFE Coated Conveyor Nets, UHMWPE Wheels, UHMWPE Profiles, and Chain Guides. These products are widely used in dyeing, stenter, compactor, and finishing lines.

They contribute to stable production, fabric quality improvement, and extended machine life. Custom sizes and specifications are provided based on machine configuration.



Textile Squeeze Rubber

RUBBER SQUEEGEES,



PTFE COATED CONVEYOR NETS,



CONVEYOR BELT



LUBRICANT



UHMWPE Wheel

Product list

Squeeze Rubber

Features:

- ✓ High pressure resistance
- ✓ Uniform squeezing performance
- ✓ Long durability



Used In:
Dyeing &
Finishing
Machines

Boiler Economizer

A Boiler Economizer is a **heat exchanger** installed in the boiler exhaust line. It uses hot flue gases to preheat incoming feed water, improving energy efficiency.

- **SS 304/316 stainless steel**
- **Argon (TIG) welding**
- leak-proof construction



Features:

- Lower fuel consumption
- Higher boiler efficiency
- Reduced fuel cost

Wheels & Chain Guide

- UHMWPE Chain Guide
- UHMWPE Wheels
- Trolley Wheels

Features:

- ✓ High load capacity
- ✓ Wear resistance
- ✓ Custom fabrication available



Endless Felt Blanket

Product Specifications:

(100% Nomex, 100% Polyester and Mixed, Thickness: 8–12 mm Weight: 3700gm/m², 260°C, 4000h)

Features:

- ✓ Seamless & Joint-Free Structure
- ✓ High-Temperature Resistance
- ✓ Excellent Heat Conductivity
- ✓ Good Chemical Resistance
- ✓ Anti-Wrinkle and Non-Elastic

Applications:

- Textile Finishing Machines
- (sanforizing, printing, calendering)



PTFE Conveyor Belts

Product Specifications:

(4x4 mesh, Fiberglass, <1mm, Bullnose Clips, 580g/m², -70>+260°C, 200/370)

Features:

- ✓ Extreme temperature resistance
- ✓ High dimensional stability
- ✓ Non-stick surface
- ✓ Excellent chemical resistance
- ✓ Air permeability for even drying

Applications:

- Textile Dryers, Printing Machines
- Food Processing



Industrial Lubricants

Products Types

(Engine Oils, Gear Oils, Chain oil, Compressor Oil, Hydraulic Oils, Greases, Specialty Lubricants etc.)

Features:

- ✓ High-temperature stability
- ✓ Improve energy efficiency
- ✓ Minimize maintenance costs
- ✓ Increase machinery lifespan
- ✓ High Viscosity Index

Applications:

- Textile Finishing Machines
- Bearings & Moving Parts



CUSTOMIZATION & ENGINEERING CAPABILITY

Ahmed Engineering is highly capable in custom design, technical drawings, and application-specific solutions. Each project involves analysis of process data, temperature, pressure, and load conditions.

We also handle OEM replacements, performance upgrades, and energy-saving modifications to ensure long-term operational advantages.

APPLICATIONS & INDUSTRIES

Our solutions are widely applied in textile dyeing & finishing factories, boiler houses, power and utility sections, and other process industries.

They are effectively used in dyeing machines, stenters, compactors, boilers, heat recovery units, and conveyor systems.



Fig: Heat Exchanger made by Ahmed Engineering

QUALITY ASSURANCE & EXPERIENCE

Quality assurance is a core foundation of our business. We work with reliable manufacturers from Korea, China, and India.

We have hands-on experience with HH Finned Heat Exchangers, LOOS, BOSCH, Bapco, Cleaver-Brooks, Cochran, and Royal Danem boiler and thermal systems, strengthening our engineering competence.



SUPPLY CHAIN & SOURCING NETWORK

Our strong international sourcing network enables us to supply high-quality products at competitive prices. We manage both stock-based and project-based supplies.

Timely delivery is ensured through reliable logistics and distribution partners.



WHY CHOOSE AHMED ENGINEERING

Our key strengths are practical industrial experience, strong technical understanding, and responsible service. We act not just as a supplier, but as a solution-driven engineering partner.

We deliver real value through long-term performance, energy efficiency, and operational reliability.

CUSTOMER COMMITMENT

Clear communication and timely support are maintained in every project.

Our goal is to build long-term, trust-based relationships with our clients.





COMPANY PROFILE

OUR ADVANTAGE

Ahmed Engineering's key competitive advantage lies in its practical industrial experience, strong technical expertise, and capability to deliver customized engineering solutions.

● Efficiency

Ahmed Engineering ensures efficiency in every operation, reducing production time, energy consumption, and maintenance costs. Our solutions are developed based on real industrial requirements.

● Customer

We prioritize customer needs and challenges when delivering solutions. Through transparent communication and reliable support, we build long-term relationships.



CORPORATE SOCIAL RESPONSIBILITIES

Ahmed Engineering contributes to responsible and sustainable industrial practices through education, health, water conservation, and zero-wastage initiatives.



Education

We believe in shaping a skilled and aware future generation by contributing to the development of education.



Health & Hygiene

We undertake health and hygiene initiatives to ensure a healthy environment in workplaces and the community.



Water Conservation

We work to protect a sustainable environment by promoting efficient water use and raising awareness for conservation.

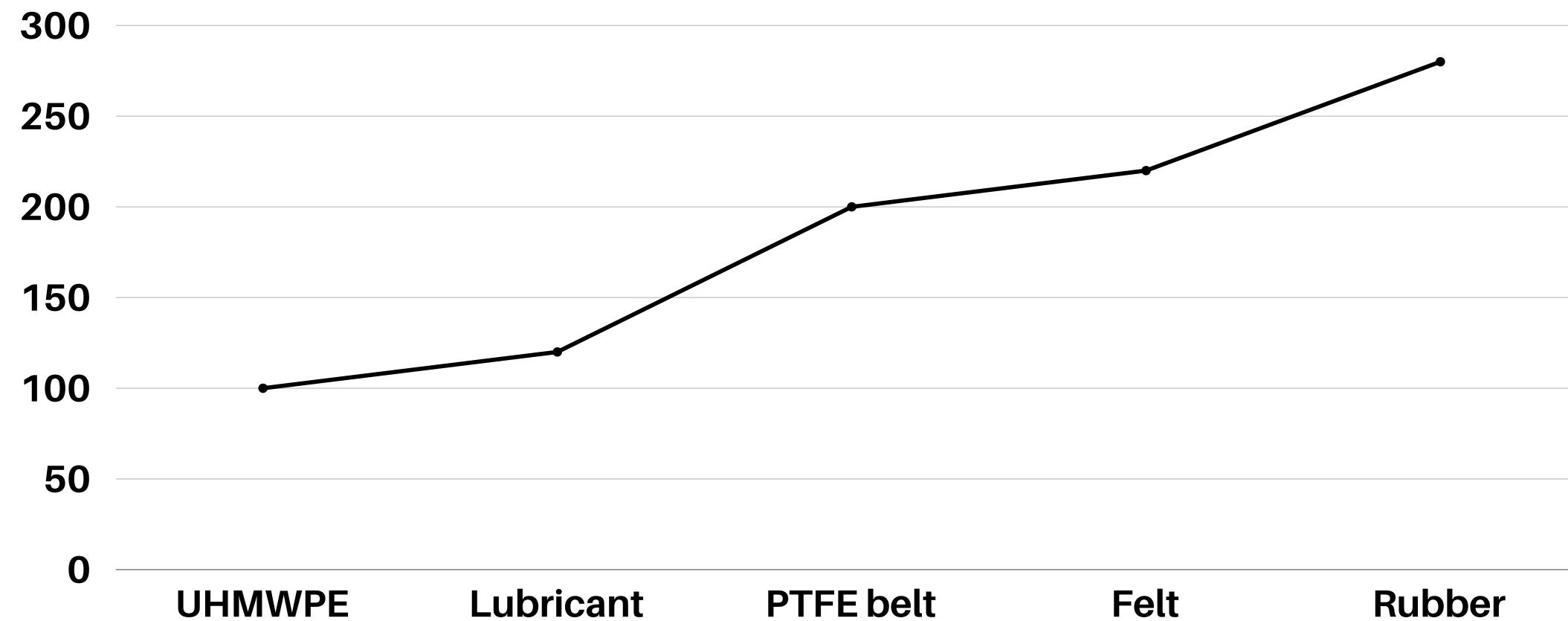


Zero Wastage

We promote sustainable environmental protection by improving water-use efficiency and raising conservation awareness.

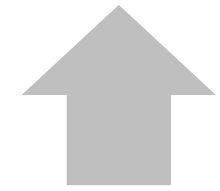
COMPANY PROFILE

FUTURE OUTLOOK



Ahmed Engineering is committed to strengthening its future position through sustainable growth, technological innovation, and delivery of international-standard solutions. We aim for long-term success by adapting to industry demands and entering new markets and custom projects.

50%



Projects #01

Textile Processing and finishing items.

50%



Projects #02

Boiler economizer

LEADERSHIP TEAM

Ahmed Engineering's leadership team ensures effective project execution, innovative solutions, and customer satisfaction through strong industrial experience and technical expertise.



Ahmed Hossain

MANAGING DIRECTOR

A visionary leader with over 40 years of industry experience, guiding the company with innovative and sustainable solutions



Monir Sarker

PRODUCT DIRECTOR

Leads product development and custom engineering solutions with over 20 years of national and international experience



Amzad Hossain

MANAGER, SALES

A solution-oriented sales manager skilled in managing large projects and ensuring timelines and budgets are met



Riyad Hossain

GENERAL MANAGER

Provides responsible leadership, coordinating teams and operations with 16 years of management experience.



Shamrin Sultana

FINANCE DIRECTOR

Ensures financial planning, control, and organizational stability with 15 years of experience.

Contact

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