

OptiMech Project Solution

A renowned name in Mechanical Engineering Contractor Company In Bangladesh



About Us

OptiMech Project Solutions brings over 16 years of rich and diverse job experience in engineering, procurement (both local and international), in construction of multiple industrial sectors. Our mission is to provide high-quality industrial solutions to various sectors like

- 1. Pharmaceuticals
- 4. Chemical

2. Food

5. Process

3. Power

6. Textile and more.



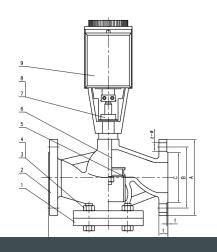




History of OptiMech Project Solution

- Founded in 2024 by Mr. Ataur Rahman,
 OptiMech emerged from his 16 years of
 extensive experience in the mechanical
 engineering supply & installation field.
- Leveraging his deep industry knowledge and a strong network of contacts, Mr.
 Rahman established OptiMech to provide high-quality industrial materials and equipment.
- With a commitment to excellence and customer satisfaction, OptiMech is renowned for its expertise and reliable service.

What We Are Working On



Engineering

Accurate Material Specification for reducing cost & QC



Procurement

International & Local Sourcing of Easily available/rare material



Supply Chain

Day to Day Material Requirement Solution

OUR PHILOSOPHY





MISSION

Leverage expertise, dedication, and commitment to deliver unparalleled quality



VISION

To be the leading provider of engineering solutions and products in Bangladesh and beyond.



VALUES

Integrity, Customer-centric, Sustainability, Quality Excellence

Our Product Range



Valves



Pipe & Fittings



Insulation & Jacketing Materials



Gaskets



Product Contact Seals Purified Water Systems & Spare Parts



instruments



Pharmaceutical Equip.



Pumps



Water Treatment Systems



SS Vessels/Tanks



Conveyor Systems



Clean Room Equipment



Equipment & Accessories



Steel Structure Items



SS Accessories

Pipes & Fittings (Size 15-300) DN

Our Product Details





Ms / GI Pipe

Standard: ASTM A 106/ A53

Sch: 20/40/80 Seamless/ERW





Ms/GI Fittings

Standard: ASTM A234 WPB/ 3000#, 40SCH End: Butt Weld/Threaded Items: Flange, Elbow, Tee, Socket, Reducer, Union Etc.





SS Pipe

Standard: ASTM A312 Gr.TP304/316/316L

Sch: 20/40/80 Seamless/ERW





SS Fittings

Standard: ASTM A403 Gr.WP304,/3000#

End: BW/Threaded 40Sch

Items: Flange, Elbow, Tee, Socket, Reducer,

Union Etc.





Process / PVC/Sanitary Pipe

Standard: ASTM A270 ASME BPE Gr: TP304/304L/316/316L PVC, CPVC, Plastic Pipe







Process / PVC/Sanitary Fittings

Standard: ASTM A270-3A, ISO, DIN,

SMS, 3A, ASME BPE

Items : Flange, Elbow, Tee, Socket, TC

Clamp, Reducer Etc.



Gate valve

Spec : Body: SS/MS,
Pr. Rating : (150-800)#
/ Pn (16-25) End Con. :
 Thread/SW/Flange



Non Return valve

Spec: Body: SS/MS, **Pr. Rating**: (150-800)# / Pn (16-25) **End Con**.: Thread/SW/Flange



Globe valve

Spec : Body: SS/MS,
Pr. Rating : (150-800)#
/ Pn (16-25) End Con. :
 Thread/SW/Flange



Safety Valve

Spec: Body: SS/MS, Pr. Rating: (150-800)# / Pn (16-25) End Con.: Thread/SW/Flange



Ball Valve

Spec: Body: SS/MS, **Pr. Rating**: (150-800)# / Pn (16-25) **End Con**.: Thread/SW/Flange



Pressure Relief Valve

Spec : Body: SS/MS,
Pr. Rating : (150-800)#
/ Pn (16-25) End Con. :
 Thread/SW/Flange



Butterfly valve

Spec: Body: SS/MS, Pr. Rating: (150-800)# / Pn (16-25) End Con.: Thread/SW/Flange



Air Vent

Spec: Body: SS/Brass, Pr. Rating: (150-800)# / Pn (16-25) End Con.: Thread/SW/Flange



Spec: Body: SS/MS, Pr. Rating: (150-800)# / Pn (16-25) End Con.: Thread/SW/Flange



Moisture Separator

Spec: Body: SS/MS, Pr. Rating: (150-800)# / Pn (16-25) End Con.: Thread/SW/Flange



Diaphragm valve

Spec: Body: SS/MS, **Pr. Rating**: (150-300)# / Pn (16-25) **End Con.**: Flange



Forged Piston

Spec: Body: SS/MS, Pr. Rating: 800# End Con.: Thread/SW/ Flange



Foot valve

Spec: Body: MS, **Pr. Rating**: (150-300)# / Pn (16-25) **End Con.**: Flange



Forged Gate

Spec: Body: SS/MS, Pr. Rating: 800# End Con.: Thread/SW/ Flange



Needle Valve

Spec : Body: SS/MS,
Pr. Rating : (150-300)#
/ Pn (16-25) End Con. :
 Thread/SW/Flange



Control valve

Spec: Body: SS/MS, Pr. Rating: (150-300)# / Pn (16-25) End Con.: Thread/SW/Flange





Expansion Joint

Spec : Body: SS/MS, Pr. Rating : (150-300)# / Pn (16-25) End Con. : Flange



Forged Check

Spec: Body: SS/MS, Pr. Rating: 800# End Con.: Thread/SW/ Flange



Forged Ball

Spec: Body: SS/MS, Pr. Rating: 800# End Con.: Thread/SW/ Flange



Forged Strainer

Spec: Body: SS/MS, Pr. Rating: 800# End Con.: Thread/SW/ Flange



Pneumatic Actuated valve

Spec: Body: SS/MS, **Pr. Rating**: (150-800)# / Pn (16-25)

End Con.: Thread/SW/Flange

Electrical Actuated valves

Spec: Body: SS/MS, **Pr. Rating**: (150-800)# / Pn (16-25)

End Con.: Thread/SW/Flange







Automated Control valve

Spec : Body: SS/MS, **Pr. Rating :** (150-800)# / Pn (16-25)

End Con.: Thread/SW/Flange

:



Condensate recovery Unit



Thermodynamic & Float Trap

Module



Tube & Shell Heat Exchanger



End suction Pumps



Gear Pumps



Pneumatic Diaphragm



Vacuum Pump



Fire Pump



Pump Booster Skid System



Rotary Lobe Pump



Rotor Pumps



Homogeneous & Emulsification Pump



Compound & Homogeneous Pump.



SS Mixing Tanks



SS Storage Tanks



SS Pressure Vessel



SS Jacketed & Steam Jacketed Vessel



Pre-Solution Vessel



Conveyor Machine



Packing Conveyor Belt & Load and Unload Conveyor Belt



Gravity Powered Roller/
Flexible Roller
Conveyor Belt



Inclined Conveyor Belt & 90Degree Roller Belt.







Spiral-Wound Gasket Metal Gasket

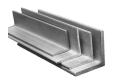




PTFE Gasket



Non Asbestos Gasket

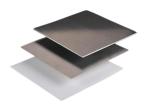




Angle & Beams



Channels



Plates



Saddles, Clamps & **Shoes**



Scaffolding





HVAC System Equipment & Accessories, Cooling tower



Fire Protection &
Detection equipment's &
Accessories



Hot water Generation system



Heat Recovery system



Chiller



Inverter, Servo Drive and Motor







PLC/HMI/Touch Screen & other Automation parts











Temperature Sensor

RH Sensor

Pressure Sensors

Controllers & Encoders

DO & PH Sensor



Conductivity

sensor









Proximity sensor Flow Transmitter

Pressure Gauge Temperature Gauge



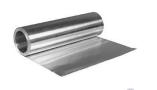




Glass Wool



Nitrile Rubber



Aluminum Sheet



Hex Nut Bolt



Anchor Bolt



U Bolt



Pipe Spools

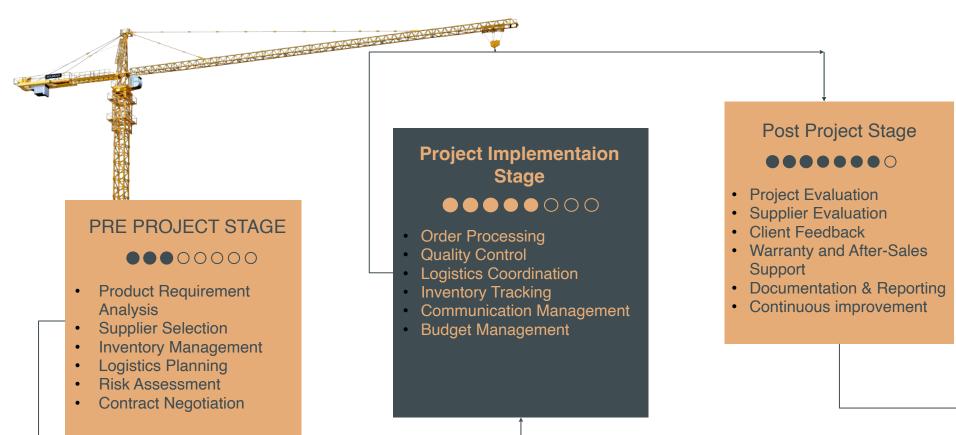


Cable Tray



Steel Platform

Supply Project Flow



Ensuring Unmatched Quality

Quality Assurence

- Rigorous quality control checks
- Documentation Maintain
- Continuous improvement practices
- Client feedback integration







Comes With Material Testing Certificate (MTC)

Technical Data Sheet is Provided





Sourcing Network

Local Sourcing Network:

3rd Party Supplier: We have third party suppliers in our pipeline that can source any material across Bangladesh.

International Sourcing Network:

Our Partners: Based on the material we can import directly from our partners.

International Suppliers: We can directly import any material from China & India,



Valves and Valve Systems















Duyar

FAF Turkey

COO : Turkey COO : India
Items : Valves Items : Valves, st
engineering products

Forbes Marshall

Items: Valves, steam
engineering products, control
systems

Alfa Laval

COO : Sweden
Items : Heat Exchanger,
pumps, and valves

FT Tech

COO : China Items : Valves

Akceed

COO: China Items: Valves

Visvana

COO : Turkey
Items : Valves & firefighting
equipment



Spirax Sarco

COO: UK
Items: Complete Steam
system solutions prod.



GEMU

COO : Germany
Items : Valves measurement and
control systems



KSB

COO : Germany Items : Valves & Pumps



Genebre

COO: Spain Items: Valves & fluid control systems, and accessories



Kinglai

COO : China Items : Hygienic valves, pumps, and fittings



Aybaz

COO : Turkey Items : Valves, steam traps, flexible metal hoses



NORDSTEAM

COO: Turkey
Items: Steam traps, steam and
condensate management systems



Pakkens

COO: Turkey Items: Pressure gauges, thermometers, and valves



Nirmal India

COO : India Items : Safety relief valves, pressure regulators, flame arrestors

Pumps, HVAC and Air Systems & Clean Room & Laboratory Equipment



Grundfos

COO: Denmark Items: umps and pump systems for various applications



DP Pumps

COO: Netherlands Items: Centrifugal pumps and pump systems



Ebara

COO: Japan Items: Pumps, compressors, and environmental engineering solutions



Fristam Pumps

COO: China Items: Sanitary pumps for the food, beverage, and pharmaceutical industries



CYM

COO: Spain Items: Industrial and sanitary pumps



General Pumps

COO: Italy Items: High-pressure pumps and cleaning equipment



Danfoss

COO: Denmark Items: Pumps for cooling, heating, and drives



Ocean

COO: Malaysia Items: Cooling Tower



Belimo

COO: Switzerland Items: Actuators, valves, sensors for HVAC systems



Sempa

COO: Turkey Items: Pumps



MayAir

COO: Malaysia Items Air filtration product and cleanroom systems



Holtop

COO: China Items: Energy recovery ventilation systems, air handling units



TICA

COO: China Items: HVAC equipment, including air handling units and air conditioners



Eppendorf

COO: Germany consumables, and services



Thermo Scientific

COO: United States Items: Laboratory instruments, Items: Laboratory equipment, reagent and consumables

Instrumentation and Measurement Systems



Honeywell

COO: United States Items: Automation and control solutions, safety products, sensing and IoT solutions



Wika

COO: Germany Items: Pressure, temperature measurement instrumentation.



Siemens

COO: Germany
Items: Automation, electrification,
digitalization solutions, and industrial
instrumentation



Supmea

COO: China
Items: Process automation instruments, including transmitters, controllers, and recorders



Schneider Electric

COO : France Items : Energy management, automation systems, and industrial control



Endress+Hauser

Endress+Hauser 🔠

COO: Switzerland
Items: Measurement instrumentation,
solutions for industrial process
engineering



Testo

COO: Germany
Items: Measurement instruments for various parameters, including temperature, humidity, and air quality



Flukes

COO: United States Items: Electronic test tools and software



COO : Japan
Items : Measurement, control,
and information solutions



COO : Germany
I, Items : Temperature
sensor,Pressure Transmitter,Flow
meter



COO : South Korean Items : Sensor,Controller,Motion Devices



COO : Selangor Items : Human resource and Consulting services



COO : Switzerland Items : Industrial scales, retail weighing solutions, pipettes

Automation & Controls & Other Brands



Festo

COO : Germany
Items : utomation technology,
including pneumatic and electric
drive systems



Omron

COO : Japan
Items : Automation
components, systems,
and services



Burkert

COO: Germany
Items: Fluid control systems,
including valves, sensors, and
controllers



SMC

COO: Japan
Items: Pneumatic and
automation components



Huali Thermal Insulation

COO : China Items : Rockwool, Glass Wool



Carel

COO : Italy Items : HVAC control systems, refrigeration, and humidification systems



Parker

COO: United States Items: Motion and control technologies, including hydraulics, pneumatics, and filtration



Pentair

COO: United States
Items: Water treatment solutions,
valves, and filtration products



GF Signet

COO: Switzerland Items: Flow, pH, and conductivity sensors and controls



COO : China

Items: Hygienic stainless steel valves and pipe fittings



COO : China Items : Metal Scrap Processing Machines



COO: China Items: EnRock woolvironmental Water Analyzers, Level Gauges



COO: Canada Items: UV treatment



AAF

COO: America Items: HVAC Filtration. Gas Phase Filtration



Dwyer Instruments

COO: US Items: Pressure Gauge, Flow meters & switches. Temperature & humidity instruments



Ocean

COO: Malaysia Items: Cooling Tower



EGE

COO: Germany Items: Inductive, capacitive, opto, ultrasonic, and infrared sensors flow controllers and metal detectors.



Insulwool

COO: China Items: Rockwool, Fireresistant and thermal insulation materials



Kirloskar

COO: India Items: Pumps



Zilear

COO: China Items: Cleanroom purification equipment



Deton

COO: China Items: Idsutrial Wall fan.Stand Fan



Durrex

COO: Germany Items: Pumps



Auto

COO: China Items: pressure transmitters, flow meters, Level meter



Fuchs

COO: Germany Items: Inductive. capacitive, opto, ultrasonic, and infrared sensors flow controllers and metal detectors

TRESU

Tresu

COO: Germany Items: Inductive, capacitive, opto, ultrasonic, and infrared sensors flow controllers and metal detectors



Demag

COO : Germany
Items : Hoist Units, Drives,
Components & Parts



Optek

COO : Germany Items : Vehicle Presence Sensors, Precision Laser Processing



Di Soric

COO : Germany Items : Optical sensors,Proximity Sensor,Ultrasonic Sensor



TR Electronics

COO : Germany Items : Rotary Encoders, Linear Encoders, Control and Measuring Modules



DOBAC

COO : China Items Tracklight,downlight,wall light,pendent lighhts



Mahle

COO : Germany
Items : Encompasses
engine components,
Filtration systems, Thermal
management solutions



HYDAC

COO: Germany Items: Lube filters, controls, valves, and ball valves, hydraulic motors



MP Filtri 10

COO : Italy Items : Hydraulic filtration,Suction Filter



COO : Finlad Items : Switch,Connectors



Lenord

COO: Germany Sensors,encoders,position ing system and drives



GUTEKUNST

COO: Germany Items:Sensors,encoders, positioning system and drives

Our partners



Bihl+Wiedemann

COO : Germany Items : Gateways, Master Simulators



Burocco

COO: Italy Items: oOn-off valves, manual valves, ball valves



ACAM

COO: Germany Items:Time-to-Digital Converters,sensor,evaluation kits



Schmersal

COO: Germany Items Safety switch, sensor,Optoelectric safety device, safety controllers



WERMA Signaltechnik

COO: Germany
Items: Signal
Tower, Horns, Traffic
Lights, Integrated Signalling



BAUMER

tems: Distance measure sensors, Process Sensors,Acceleration sensor.Strain sensor

COO: Switzerlandl



Kobold

COO : Germany Items : Flow meter,pressure meter,temp meter



Seneca

COO: Italy
Items:, HMI devices, industrial
communication tools, power
monitoring solutions, and
measurement and control panel



Rechner

COO: Germany Items:inductive sensors, magnetoresistive sensors, power supply logic controllers, flow sensors



Bühler Technologies

COO: Germany
Items: Gas Sampling
Probes, Filters, Pumps,
and Coolers



Riegler

COO: Germany
Items: Pneumatics,
compressed air technology,
valves, fittings, hoses, and air
preparation units.



COO: Denmark

Items: Precision microphones, acoustic sensors, vibration measurement equipment, and calibration tools.

Our Partners



Cabur Srl

COO: Italy Items: Terminal Blocks, Relay modules,Signal converters.Printers



Fein

COO: Germany Items: Magnetic Drills, Angle Grinders, Metal Cutting Saws



GUTEKUNST

COO: Germany Items:Sensors,encoders,posi tioning system and drives



ODL

COO: Germany Items:Circular Connectors,Electrical Contacts,Moduler Connectors



Ferraz Shawmut

COO: France Items: Fuses, fuse holders, circuit protection devices, surge protection, and power electronics protection solutions.



Kübler

COO: Germany
Items: Encoders, counters, process
devices, signal converters, sensors,
and industrial automation
components.



Mennekes

COO: Switzerland Items: Electrical connectors, industrial connectors, robotics connectors, multicoupling systems for energy.



Walther-Werke

COO: Germany
Items: Industrial connectors, power
distribution systems, charging
infrastructure for e-mobility, and
modular plug-in systems.



HAUG

COO: Germany
Items: onization systems,
electrostatic discharging devices,
power packs, and air ionizers for
industrial static control.

wictorouic

Microsonic

COO: Germany
Items: Ultrasonic sensors,
distance sensors, level
measurement devices, object
detection systems



COO: Germany Items: Vibration monitoring systems, sensors, signal processing devices



EFTEC

COO: Switzerland Items: Adhesives, Sealants, Coatings, Corrosion Protection Waxes



TELE

COO: USA
Items: Motor/phase
monitors, protection relays,
power-monitoring devices.



COO: Germany
Items: Force and torque
sensors, precision
transducers, calibration
services.



TECNA

COO: Italy
Items: Resistance welding
machines, balancers, spot
welders.



Jahns

COO: Germany
Items: Hydraulic flow dividers,
hydraulic motors, planetary
gear drives and drive/flow
control components.

Our Partners



COO: Germany Items: Sensors, precision measurement instruments, test systems



COO: Switzerland Items: Pressure sensors, level sensors, transmitters.



SAMSON

COO: German
Items: valves, self-operating
regulators, automation
systems, sensors, thermostats



NEIDLEIN

COO: Germany Items: Clamping tools, lathe centers, face drivers



DEPRAG

COO: Germany Items: Screwdriving tools, air motors, automation systems



perma

COO: Germany Items: Automatic Iubrication systems.



Tippkemper

COO: Germany Items: Photoelectric sensors Proximity switches Inductive sensor,Safety sensor



Proconect

COO: France Items: Industrial plugs & sockets, heavy-duty connectors, distribution boxes



Aquaflex

COO: New Zealand Items: oil-moisture sensors, data loggers and irrigation monitoring hardware



InterApp

COO: Switzerland Items: Industrial valves (butterfly, ball, check), actuators,



motrona

COO: Germany Items: Automation & drive electronics (safety relays, motion controllers, signal converters, indicators)



GTM

COO: Germany Items: Force transducers; torque transducers; multiaxis transducers:

Our Partners



Honsberg

COO: Germany Items: Flow, level, temperature and pressure sensors / monitoring instrumentation.



Wolfgang Warmbier

COO: Germany Items: ESD / anti-static products, flooring, grounding systems, ionisers,



FANUC

COO: Japan Items: Industrial robots ,CNC systems, servo motors,



IBSMagnet

COO: Germany
Items: Permanent magnets
(NdFeB, SmCo), magnetic
clamps, magnetic
separation.



Optris

COO: Germany
Items: Infrared temperature
sensors, IR thermometers
and thermal imaging
cameras



Danfoss

COO: Denmark
Items: Electric converters,
motors & systems; hoses &
fittings; electronic controls;
heating systems



Nordson

COO: USA
Items: Precision dispensing
systems ,curing, surfacetreatment equipment and
inspection systems.

Pfannenberg

COO: Germany

Items: Thermal

management, signaling

technology and liquid-

cooling solutions.

Pfannenberg





Balance Systems

COO: Italy
Items: Balancing
machines ,process control
and grinding-machine.



TWK-Elektronik

COO: Germany
Items: Rotary encoders, linear
transducers, inclination &
vibration sensors, position/
signal electronics.



A-B Quality

COO: USA
Items: Motor controllers,
industrial I/O, HMIs and
automation control components



Mitsubishi

COO: Japan
Items: Factory automation,
HVAC, power systems,
semiconductors and
industrial electronics.



∕COO: Japan ttems: Industrial robots, motion controllers, AC drives, servos.



Heidenhain

COO: Germany Items: Encoders, CNC controls, precision measurement systems.



COO: Germany Items: Electrical interconnection systems, I/O systems, automation technology.

Our Partners



Embedded Sustems GF Fanuc

COO: USA/Japan

Items: CNC systems,

automation controllers.

embedded computing.

KEYENCE

Kevence

COO: Japan

Items: Sensors, machine

vision systems, barcode

readers, measuring

instruments

SANMOTION

Sanvo Denki (SANMOTION)

COO: Japan

Items: Servo motors,

cooling systems, stepper

motors.

SEW Eurodrive

COO: Germany Items: Gear motors. frequency inverters, industrial drives.



Bosch Rexroth

COO: Germany Items: Hydraulic systems, automation solutions, electric drives. linear motion tech.

BECKHOFF

Beckhoff

COO: Germany Items: PC-based control systems, industrial automation, PLCs.



Delta Electronics

COO: Taiwan Items: Power supplies, industrial automation, drives, PLCs.

Panasonic

Panasonic

COO: Japan Items: Automation controls. sensors, welding systems, electronics.

KUKA

KUKA

COO: Germany Items: Industrial robots, automation systems, robotic arms.



COO: Japan Items: Bearings, hydraulic equipment, cutting tools, industrial robots.



SICK

COO: Germany Items: Industrial sensors, safety systems, vision systems.



Tamagawa Seiki

COO: Japan Items: Encoders, resolvers. motion control systems.

Leuze

Leuze

COO: Germany
Items: Sensors, barcode
readers, safety light curtains,
machine safety components.



Pilz

COO: Germany Items: Safety relays, PLCs, motion control, automation safety systems.

Bently Nevada

Bently Nevada

COO: USA
Items: Condition monitoring,
vibration monitoring
systems, asset protection...



IFM

COO: Japan
Items: Sensors, controllers,
industrial automation
solutions, condition
monitoring.



Eaton

COO: USA
Items: Electrical components,
power management, hydraulic
systems, circuit breakers.

Mitutoyo Japan

Mitutoyo

COO: Japan
Items: Precision measuring
instruments (calipers,
micrometers, gauges,
CMMs).

Our Partners

HITACHI

Hitachi

COO: Japan Items: Industrial equipment, electrical systems, automation systems, IT solutions.



Basler

COO: Germany Items: Industrial cameras, vision systems, imaging software.

GEFRAN

杰佛伦

Gefran

COO: Italy Items: Sensors, drives, automation controllers, motion control systems.

Pro-face

Pro-face

COO: Japan
Items: HMI (Human Machine
Interfaces), touch panels,
operator interfaces, industrial
PCs.



Yokogawa

COO: Japan Items: Process control systems, test & measurement equipment, industrial automation.



Haas Automation

COO: USA Items: CNC machine tools, vertical machining centers, lathes, rotary tables.



Banner Engineering

COO: USA Items: Sensors, vision sensors, LED lights, wireless systems, safety controllers.



Sanyo

COO: Japan Items: Electronics, batteries, electrical appliances, solar systems.



VIPA

COO: Germany Items: PLCs, HMIs, industrial automation solutions, control systems.



Wenglor

COO: Germany Items: Sensors, machine vision systems, barcode scanners, safety technology.



Rittal

COO: Japan
Items: Industrial enclosures,
climate control systems,
power distribution, IT
infrastructure solutions.



Saginomiya

COO: Japan Items: Control valves,pressure controls,thermostats,refrigeration & air conditioning components.

Supplier Management

Supplier Selection:

- Evaluate based on quality, reliability, and cost.
- Maintain relationships with reputable suppliers from various regions.

Performance Monitoring:

- Regular assessments based on supplier KPI and product quality.
- Feedback loops for continuous improvement.

Risk Management:

Identifying and mitigating risks related to supply chain disruptions.

















Logistics Management

Inventory & Stock:

- Domestic: Available warehouse in Dhaka
- International: Dedicated warehouse facility in China.



Logistics Management

Shipping & Delivery:

- Domestic: Nationwide delivery across Bangladesh
- International: Capable of shipping products worldwide upon request.



Commitment to help

Customer Support

- Customer Assistance: Our support team is available around the clock for inquiries and urgent needs.
- Warranty & After Sales: We offer extensive warranty packages and reliable after-sales support.
- Custom Solutions: Tailored modifications to meet specific client requirements for the best fit.



2024

Serial	Project Name & Scope	Client Name	Year
01	Non-Return Valve-Grundfos	DBL Pharmaceuticals Ltd	2024
02	 Centrifugal Pump Booster Pump Welding Machine 350 Amp Submersible Pump 	Energon Renewables (BD) Ltd.	2024
03	 Steam Below Seat Glove Valve (DN50 to 200) (x2) 	0 ITTIHAD ENGINEERING	2024
04	MS Pipeline, FittingsNitrile Rubber, Aluminum SheetSupport Structure Items	Incepta Pharmaceuticals Ltd Vaccine Division	2024
05	MS Pipe & FittingsGate Valve, NRV, Steam TrapAluminum Sheet, Rockwool Insulation	Marico Bangladesh Limited า	2024
06	AIRA Steam Type Pneumatic Valves	Opsonin Pharma Limited	2024
07	• Strainer & PRV	Incepta Pharmaceuticals Ltd	2024

Strainer & PRV

Out a series Discourse I throther d

Opsonin Pharma Limited

Opsonin Pharma Limited

Opsonin Pharma Limited

Opsonin Pharma Limited

Year

0004

2024

2024

2024

2024

Client Name

08	•	Expansion Joint (15 Dn to 100 DN)	Opsonin Pharma Limited	2024
09	•	Fire Sign Name Plate (x2)	Opsonin Pharma Limited	2024
10	•	Steam Glove Valve-Spirax	Opsonin Pharma Limited	2024
11	•	Steam Trap & Globe Valve-Spirax	Opsonin Pharma Limited	2024
12	•	Strainer, Steam Trap, Globe Valve	Opsonin Pharma Limited	2024
13	•	Non Return Valve-Kitz	Opsonin Pharma Limited	2024
14	•	NRV & Pressure Reducing Valves	Opsonin Pharma Limited	2024

Serial

15

Project Name & Scope

Spirax

SS Safety Valves

Pneumatic Accessories

Steam Pressure Reducing Valves(x5)-

Steam Trap (x2)-Forbes Marshall

Serial	Project Name & Scope	Client Name	Year	
19	Insulation Jacket for valves	Ittihad Engineering	2024	
20	 Valves & Accessories -LC 	South East Textile (Pvt) Ltd	2024	
21	Valves & Accessories -LC	Renaissance Apparels Ltd	2024	
22	Steam Traps –Forbes Marshall	Opsonin Pharma Limited	2025	
23	 Spirax Actuator of Control Valve 	DBL Pharmaceuticals Ltd	2025	
24	Water PRV-Korea	Opsonin Pharma Limited	2025	
25	Gemu Valves & Positioner	Opsonin Pharma Limited	2025	
26	PRV ARCA/NRV/Globe (FM)	Opsonin Pharma Limited	2025	
27	Steam Traps –Forbes Marshall	Opsonin Pharma Limited	2025	
28	ARCA PRV–Forbes Marshall	Opsonin Pharma Limited	2025	
28	Filter Cartridge & Housing	Incepta Pharmaceuticals Limited	2025	

Year

Client Name

30	 GI Pipe & Fittings Industrial SS Pipe & Fittings MS Pipe & Fittings Ball Vale & Butterfly Valves & Y Strainer Support Structure(MS Angle, Channel & Plates) & Nut Bolt SS Sheet, Food Grade Gasket Foot Valve, NRV & Safety Valves Paint, Welding Rod & Other Consumable Items 	Incepta Pharmaceuticals Ltd Vaccine Division	2025	
31	 GI Pipe & Fittings SS Ball Valevs Checker Plate, Angle Aluminum Sheet & Nitrile Rubber Paint, Welding Rod & Other 	Incepta Pharmaceuticals Ltd Vaccine Division	2025	

Serial

Project Name & Scope

Consumable Items

Serial	Pro	oject Name & Scope	Client Name	Year	
32	•	Insulation Jacket for Clean room fittings	Incepta BioScience	2025	
33	•	SS316 Plain Rod	Incepta Pharmaceutics Ltd	2025	
34	•	SS Sanitary PRV	Incepta Biotech Division	2025	
35	•	SS Safety Valve	Incepta Vaccine Division	2025	
36	•	SS316L Needle Valves	DBL Pharmaceuticals Ltd	2025	
37	•	SS 316L Water PRV	Opsonin Pharma Limited	2025	
38	•	Steam Globe valves & Traps	Opsonin Pharma Limited	2025	
39	•	Pneumatic ss316L Diaphragm Valves	Opsonin Pharma Limited	2025	
40	•	Fobes Marshall Piston valves	Opsonin Pharma Limited	2025	
41	•	Fobes Marshall PRV (FM41)	Opsonin Pharma Limited	2025	

OUR CONSTRUCTION TEAM

- 1. Industrial Piping Systems: Extensive knowledge in designing and implementing complex piping systems for various fluids including steam, water, Gases, oil, and air. This covers HFO/LFO lines, cooling water systems, and specialized lines like coconut oil piping.
- 2. Power Plant Engineering: Expertise in power generation systems, including starting air and control air systems
- **3. Process Engineering:** Strong understanding of industrial processes (PW/PS/WFI and others) across sectors such as pharmaceuticals, beverages, and power generation, enabling effective design of process piping and control systems.
- **4. Water Treatment and Management:** Proficiency in raw water, demineralized water, and condensate systems, essential for projects across multiple industries.
- **5. Mechanical Engineering:** knowledge of tank installations, vessel and pump installations, and conveyor systems.
- **6. HVAC and Air Systems:** Capability to design and implement industrial-scale air handling and duct work systems.
- **7. Insulation and Energy Efficiency**: Experience in industrial insulation work, crucial for energy efficiency in steam and oil lines.
- **8. Structural Engineering:** Skills in designing and constructing supporting structures like pipe bridges, tank railings, and other industrial supports.

OUR SERVICES

Sanitary/Process piping of Pharma & Food (Supply & Installation)



Industrial Piping System (Steam/Water/Air/Gases/ Chilled/Hot/Fuel/ Chemical & Others) (Supply & Installation)



Steel Tanks & Vessels (Supply & Installation)



OUR SERVICES

Process
Equipment (Supply & Installation)

HVAC system, Duct Work
Cleanroom (Supply & Installation)

Automation Equipment Supply & Installation







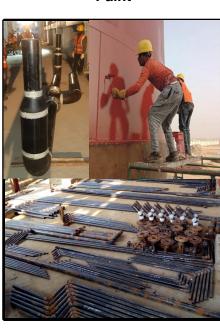
OUR SERVICES

Conveyor System Fabrication & Installation

Mechanical Equipment Installation Local Fabrication of Pipe Spools, Sand Blast & Paint







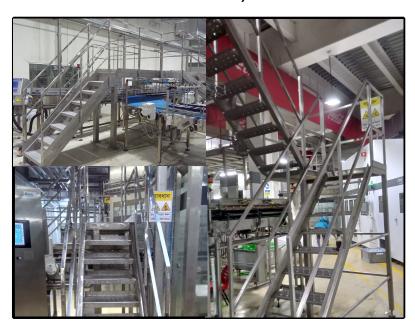
OUR SERVICES

Insulation & Jacketing-Hot & Cold (Supply & Installation)

Steel Structure, Pre-Fabricated
Steel Building (Supply &
Installation)

Storage Tank, Chimney Installation













OPSONIN Pharmaceuticals Limited

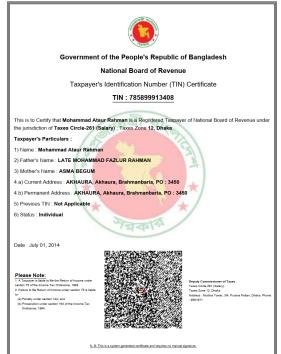
In 2023, We undertook a project for Opsonin Pharma Limited aimed at enhancing their operational infrastructure. The scope of work included the **installation of Chilled Water Piping** from the existing chiller to the AHU line. We also did the **Jacketing & Insulation** of that pipeline.

Our Detailed Portfolio of Installation/Client List

Serial	Project Name	Project Scope	Client Name	Year
01	OPS-CWP	Installation of Chilled Water Piping	Opsonin Pharma Ltd.	2024
02	INCP-Utility	Utility Line Installation Work	Incepta Pharmaceuticals Ltd	2024
03	Opsonin Insulation	Jacketing & Insulation	Opsonin Pharma Ltd	2025
04	Drain Piping (Liquid Building	Supply, Fabrication & Erection	Opsonin Pharma Ltd	2025
05	Steam & Cond Piping- peniciline	Supply, Fabrication & Erection	Opsonin Pharma Ltd	2025
06	HPL SS Tank	 Supply, Fabrication & Erection Chemical Tank 15 KL 	Healthcare Chemical	2025

Company Docs (Trade License/TIN/BIN)







Why Us?

ENGINEERING IN OUR LIVES

- Diverse Product Range
- Extensive Sourcing Network
- Competitive Price & Commitment to quality







+8801841176747





Thanks!

DO YOU HAVE ANY QUESTIONS?

Feel free to drop an email in our mailbox or contact directly between office hour (9 AM – 6 PM)







/Optimech Project Solution



