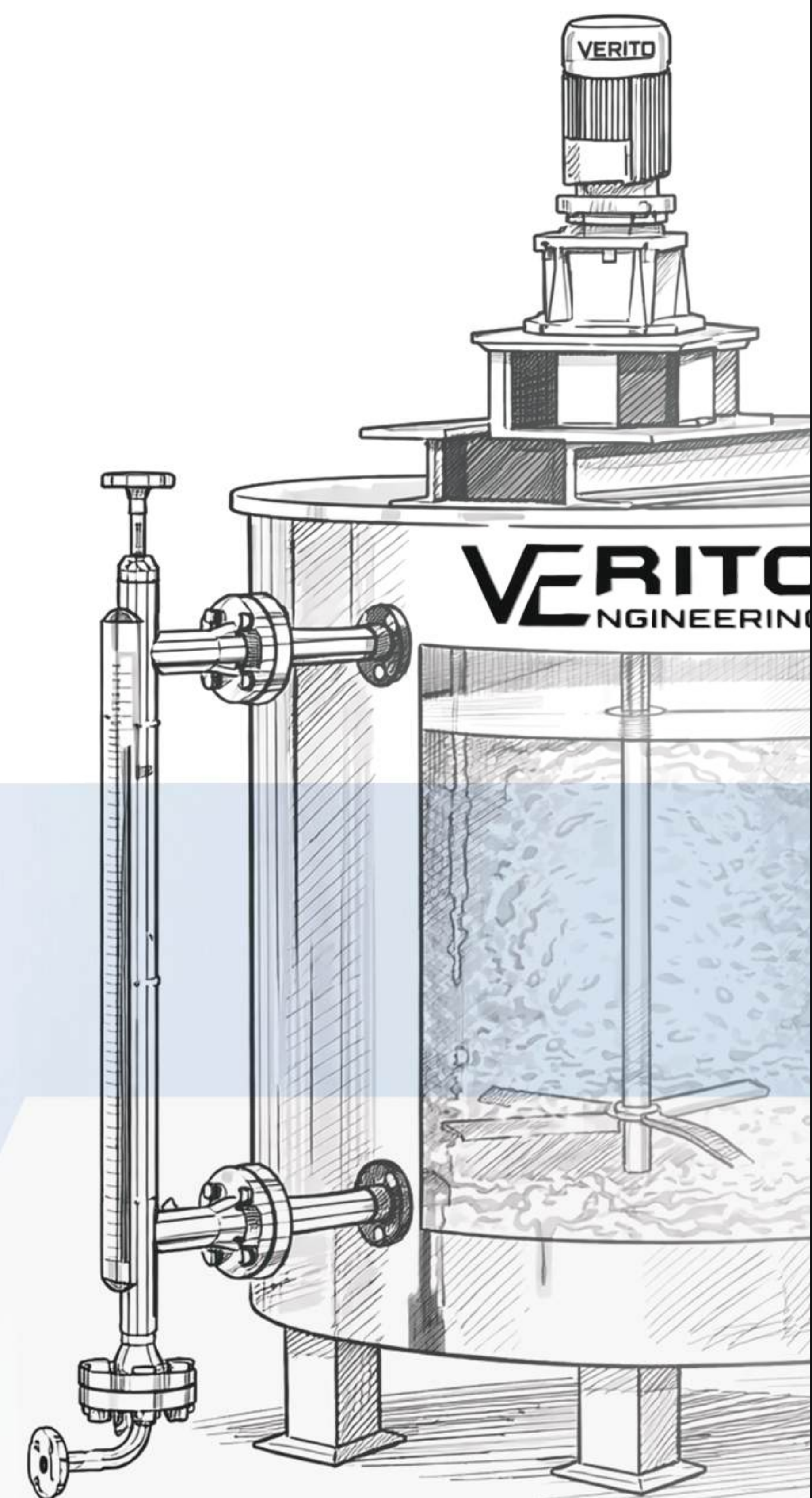




Global Leader in

Chemical Treatment Solutions Precision-Engineered

Mixing • Metering • Dosing Systems



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

About us

Verito Engineering Private Limited is a global leader in mixing and metering/dosing solutions, recognized as the world's second-largest manufacturer of agitators and metering pumps. ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 certified, we are a system-driven organization focused on engineering excellence.

We deliver precision-engineered pumps, agitators, and chemical dosing systems built for reliability, performance, and customer satisfaction.

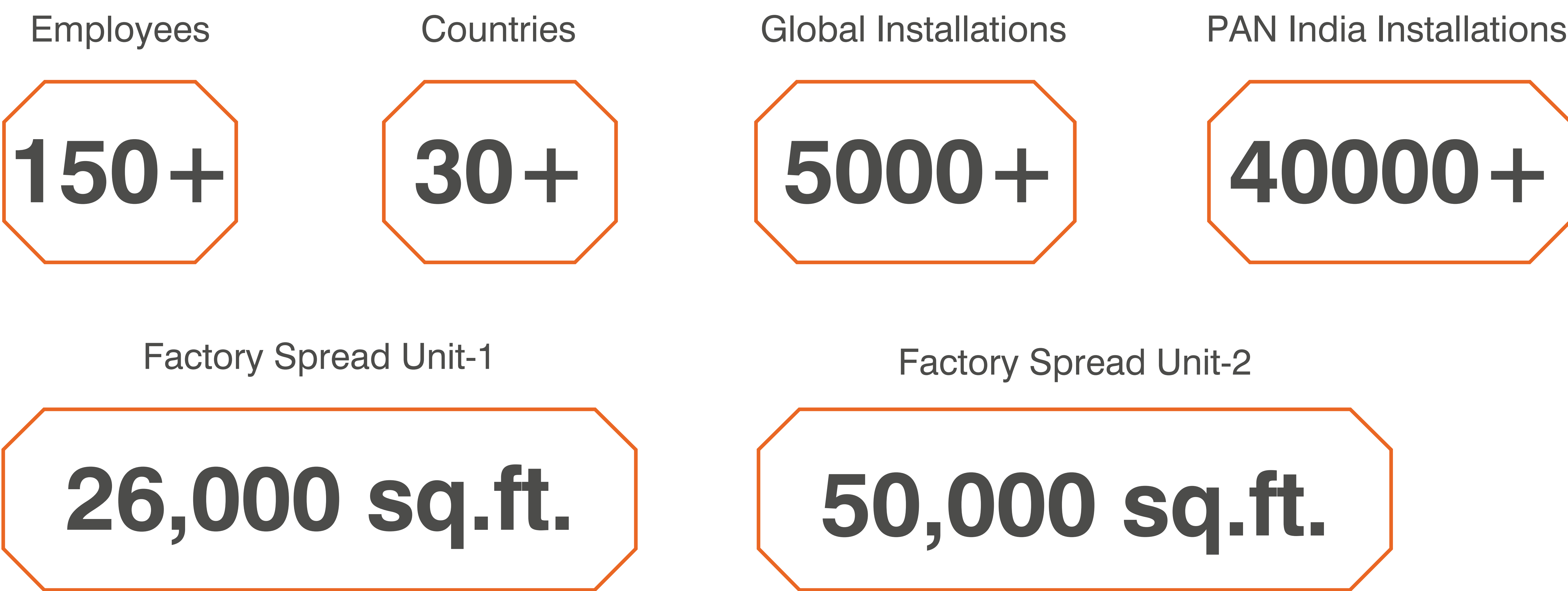


CORPORATE OFFICE

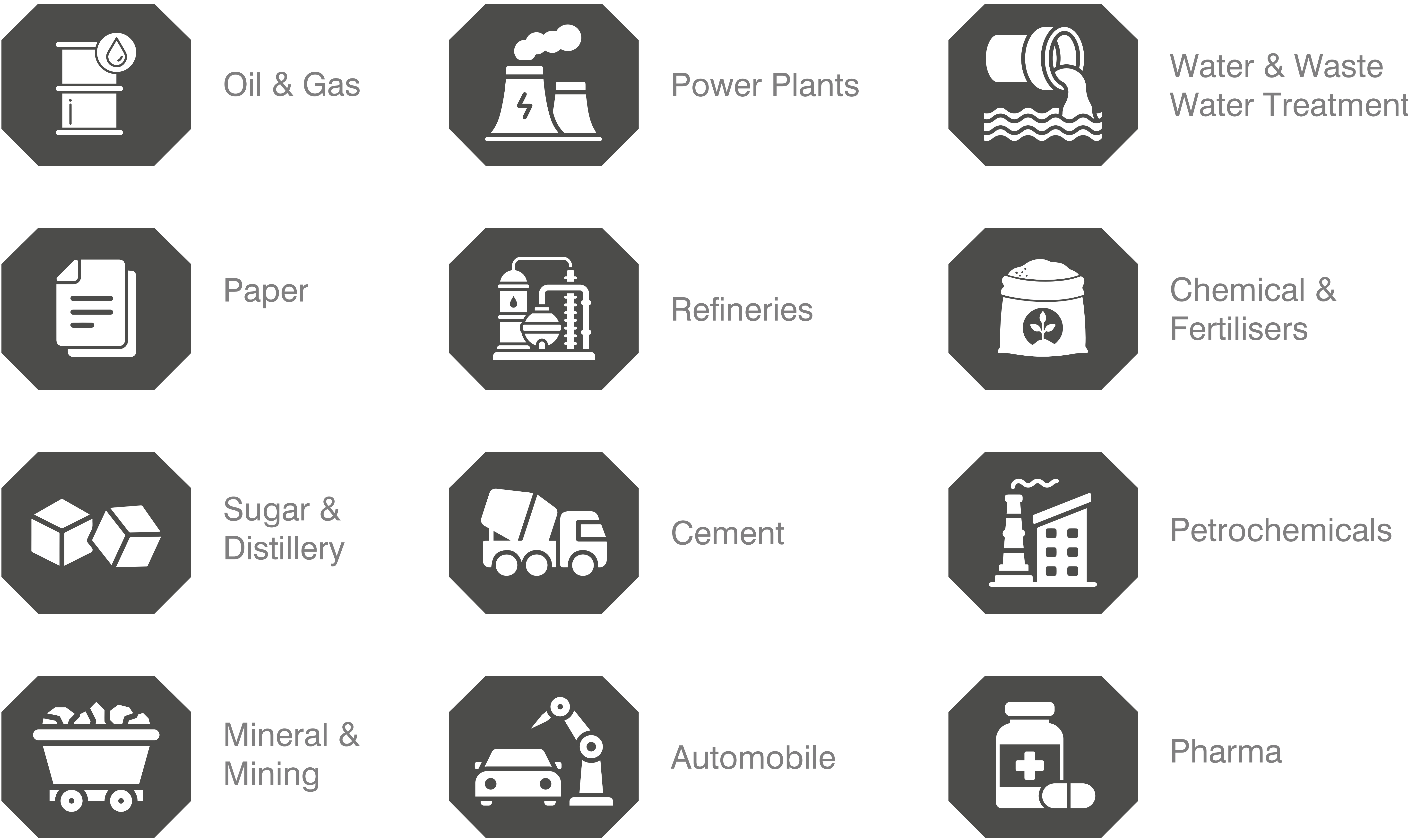


DEPARTMENTAL HEAD

Verito in Numbers



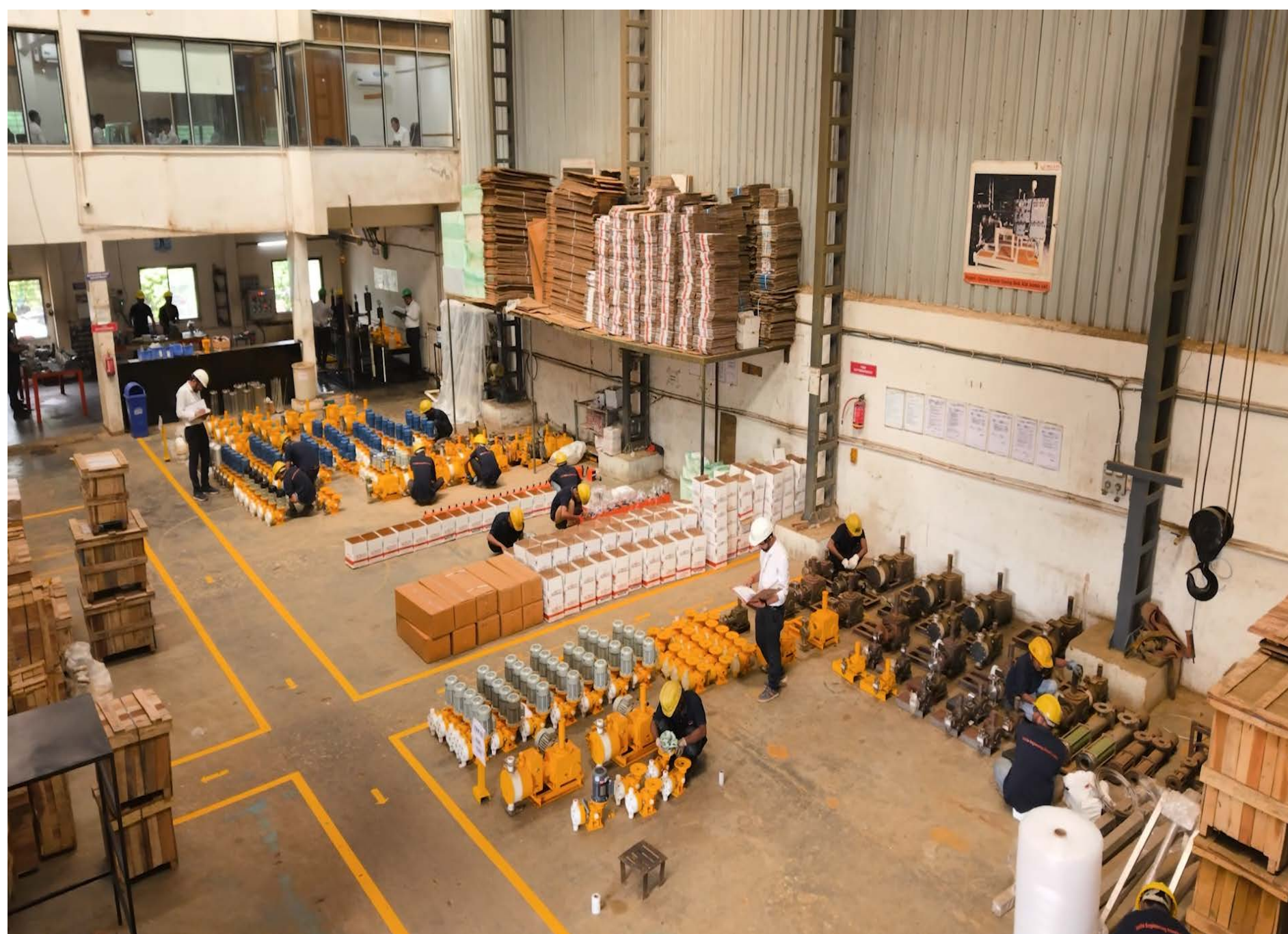
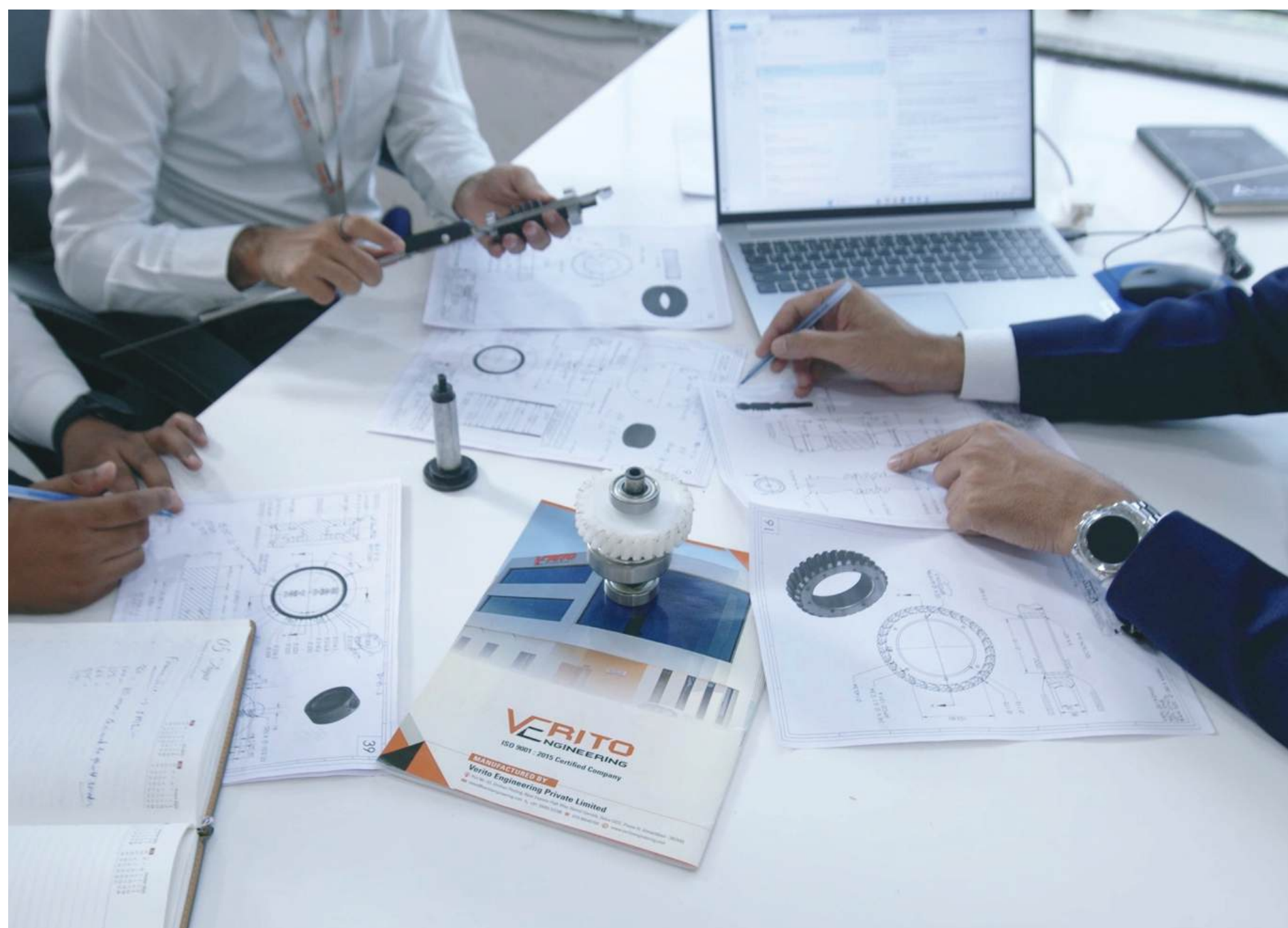
Fields of Application



Our Valued Customers

			
British Petroleum, London	Shell Petroleum, USA	Perdaman, Australia	Abu Dhabi National Oil, Abu Dhabi
			
Dangote Petroleum, Nigeria	Kuwait Oil Company (KOC), Kuwait	Ras Laffan Petro., Qatar	Saudi Aramco, Saudi Arabia
			
Daleel Petroleum, Oman	Vedanta Zinc, South Africa	Indorama Corporation, Georgia	Chemie-Tech, Malta
			
DNO Oil & Gas, Norway	Emirates National Oil Company	Saipem, Italy	Reliance Industries Limited
			
North Caspian Oil, Kazakhstan	Basundhara Oil & Gas, B'desh	Bahrain Petroleum, Bahrain	Hyundai, South Korea
			
Global Process Systems, Dubai	EBS Petroleum Limited, Iraq	Qatar Fertiliser Company, Qatar	OQ Exploration & Production, Oman
			
Thermax International	CC Energy Development, Oman	Nayara Energy	Dubai Water Board

Our Infrastructure



UNIT -I (DOSING PUMP)

UNIT -II (AGITATOR)



UNIT -III (DOSING SYSTEM)



Electronic Dosing Pump

PRECISION IN EVERY DROP,
RELIABILITY IN EVERY STROKE.



Technical Specification

Parameter	Specification
Type	Solenoid Operated Electronic Diaphragm Dosing Pump
Flow Rate	1-30 LPH
Pressure Range	Up to 12 Bar
Power Supply	230V AC / 24V DC
Stroke Length	Adjustable (0 + (- 100)%)
Pump Stroke	120 SPM
Control Modes	Manual/Auto 4-20 mA
Accuracy	± 5%
MOC of Diaphragm	PTFE
MOC of Wetted Parts	PP, PTFE, SS304, SS316, Special Alloy

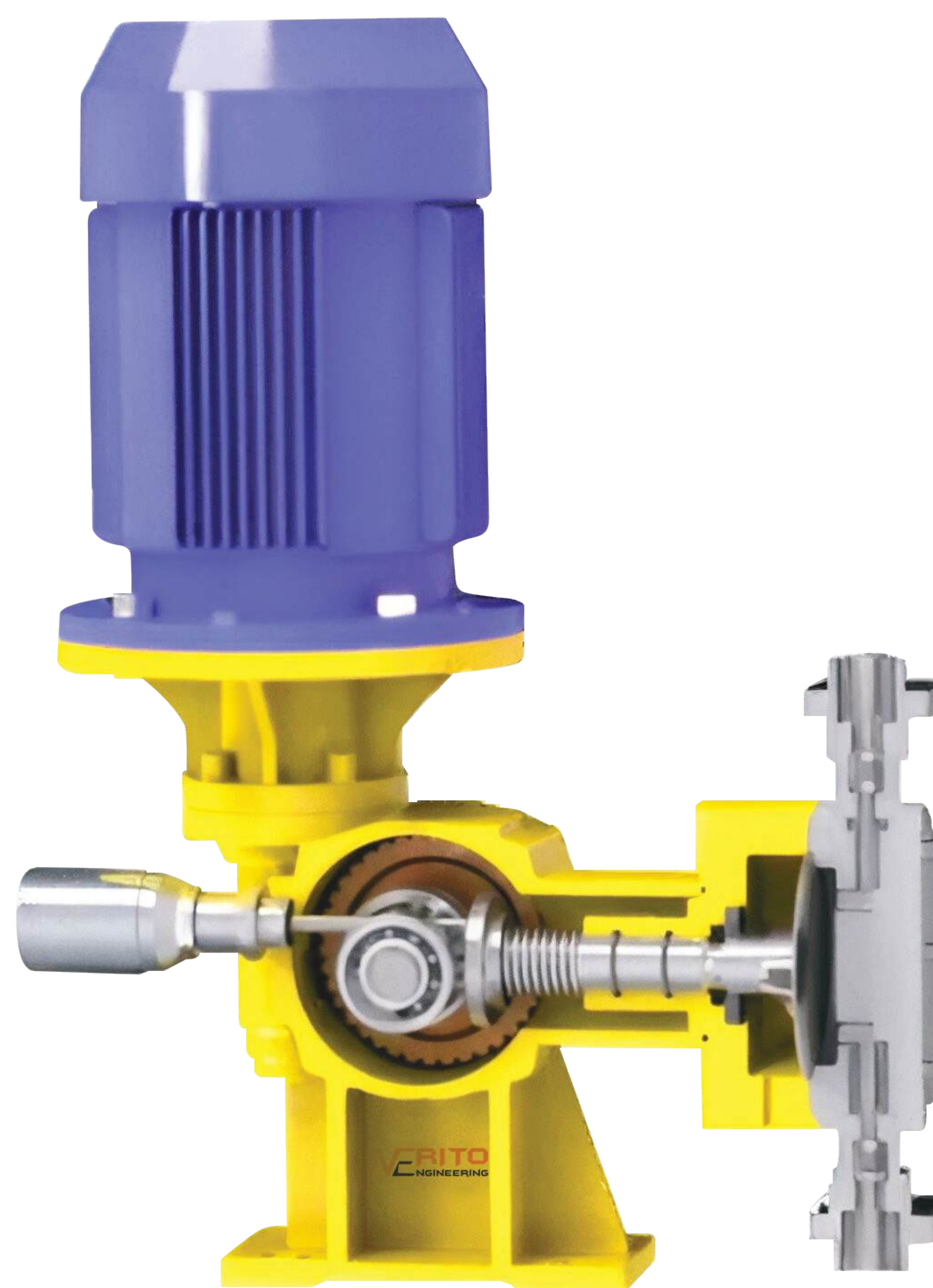
Features

- Compact and Light weight
- Plug & Play Model
- Inbuilt Air Release Valve
- SPM Display
Integration (Optional)
- Level Switch Integration
for Dry Run Protection (Optional)
- Double NRV Check Valve
- Less Noise
- Maintenance-Free Operation

Accessories

- Suction & Discharge Tubing
- Foot Valve with Strainer
- Injection Valve/ Anti-Syphon Valve
- Pulsation Dampener (Optional)

Mechanical Actuated Dosing Pump



Technical Specification

Parameter	Specification
Type	Mechanical Actuated Diaphragm Dosing Pump
Model	VMD
Flow Rate	Upto 300 LPH
Pressure Range	Up to 10 Bar
Drive Mechanism	Motor-driven Eccentric cam
Power Supply	230V AC / 415V AC
Stroke Length	Adjustable (0-100%)
Pump Stroke	100/200 SPM
Control Modes	Manual/ Auto 4-20 mA
Accuracy	± 5%
MOC of Diaphragm	PTFE
MOC of Wetted Parts	PP, PTFE, SS304, SS316, Special Alloy

Features

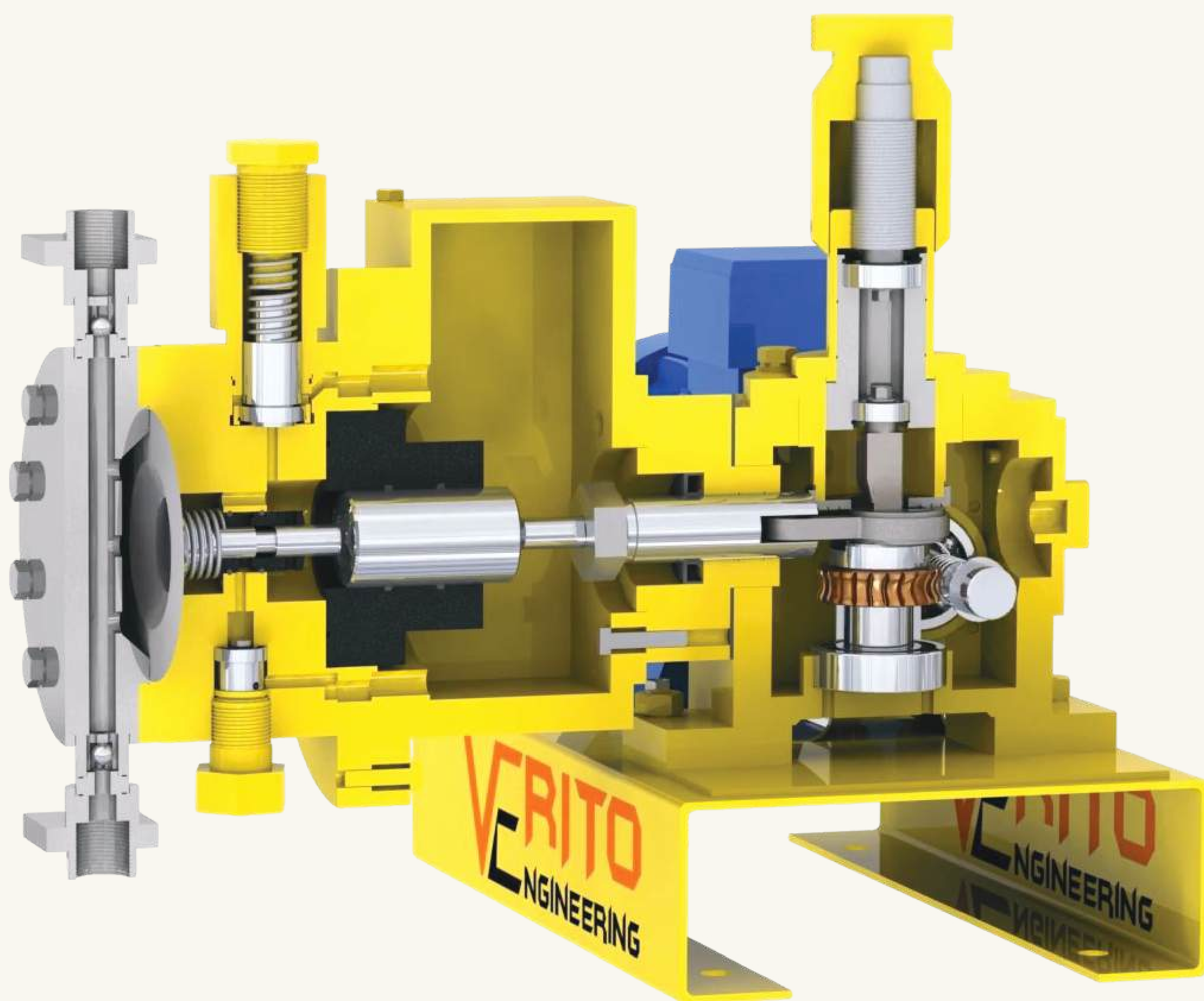
- Compact and Light weight
- Leak-Free Operation
- Adjustable Flow Rate
- Plug & Play Model
- Less Noise
- Low Maintenance
- Flanged or Threaded
- Variable Speed Drive Integration
- Oil Bath Lubrication

Working Principle

Reciprocating mechanism where a motor-driven eccentric cam moves the diaphragm back and forth.

This motion creates alternating suction and discharge strokes, ensuring precise metering of fluids.

Hydraulically Operated Diaphragm Pump



Working Principle

Transmits power from a reciprocating plunger to a flexible diaphragm via hydraulic fluid.

Diaphragm movement creates alternating suction and discharge strokes.

Features

API 675 Pump

Hermetically Sealed

Zero-Leakage Pump

High Pressure Capability

Inbuilt PRV

Adjustable Flow Rate

Auto Stroke through Electric Actuator (Optional)

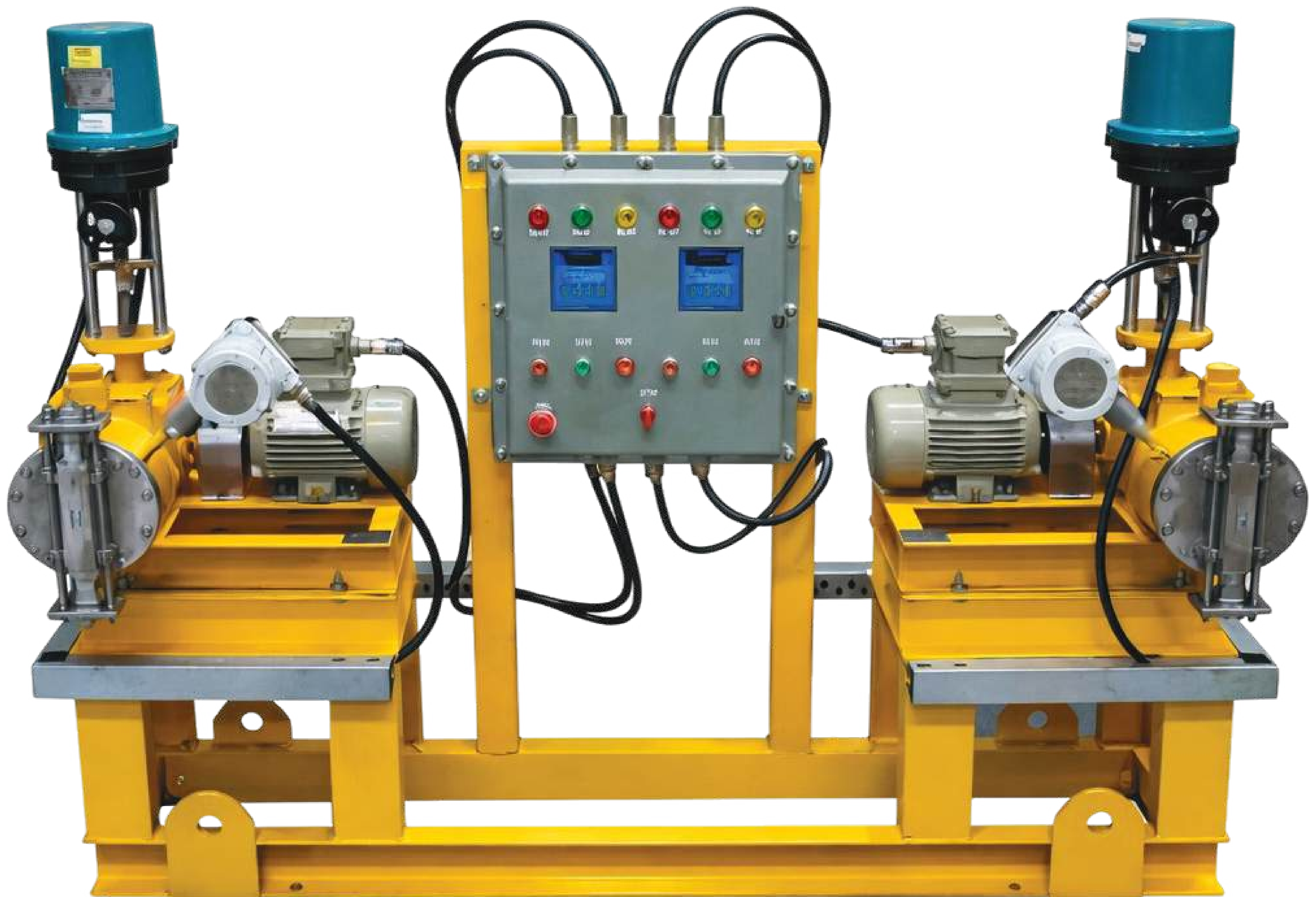
Double Diaphragm with Rupture Detection System (Optional)

Flanged or Threaded

Variable Speed Drive Integration (Optional)

Hydraulic Chamber

Fully Automatic Dosing Pump Skid



Pump Skid Features

API 675 Pump

Fully Integrated Skid System

Double Diaphragm Configuration

Diaphragm rupture detection system through pressure transmitter

Electrically Stroke Actuated Control

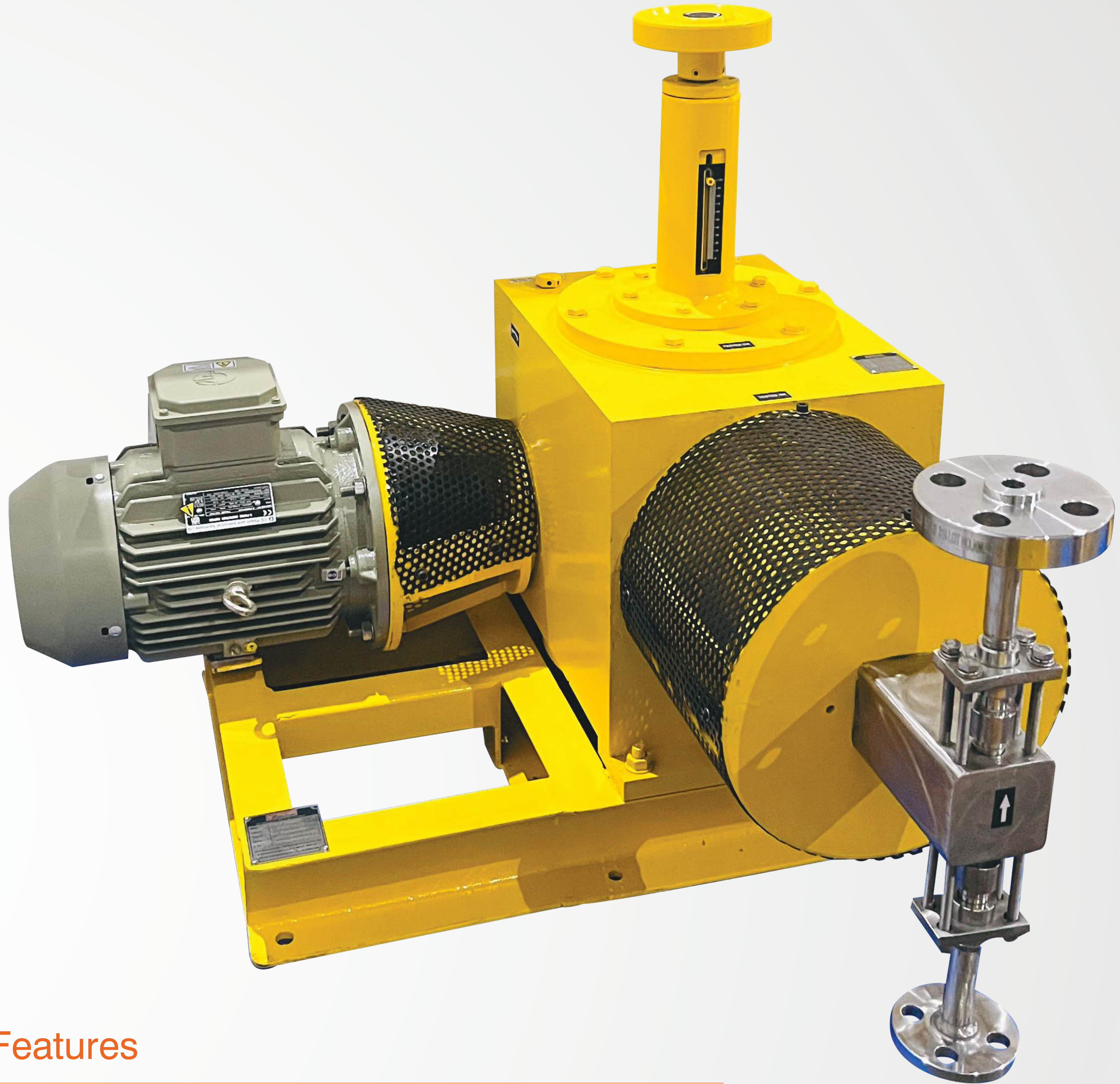
PLC Based Control Panel

Flow and Pressure Monitoring

Redundant Pump Configuration

Explosion-Proof Options with ATEX/ IECEx/ PESO Certification

High Pressure Plunger Pump



Pump Skid Features

API 675 Pump

High Pressure Dosing upto 400 bar

360 Degree Coupling Guard

360 Degree Plunger Guard

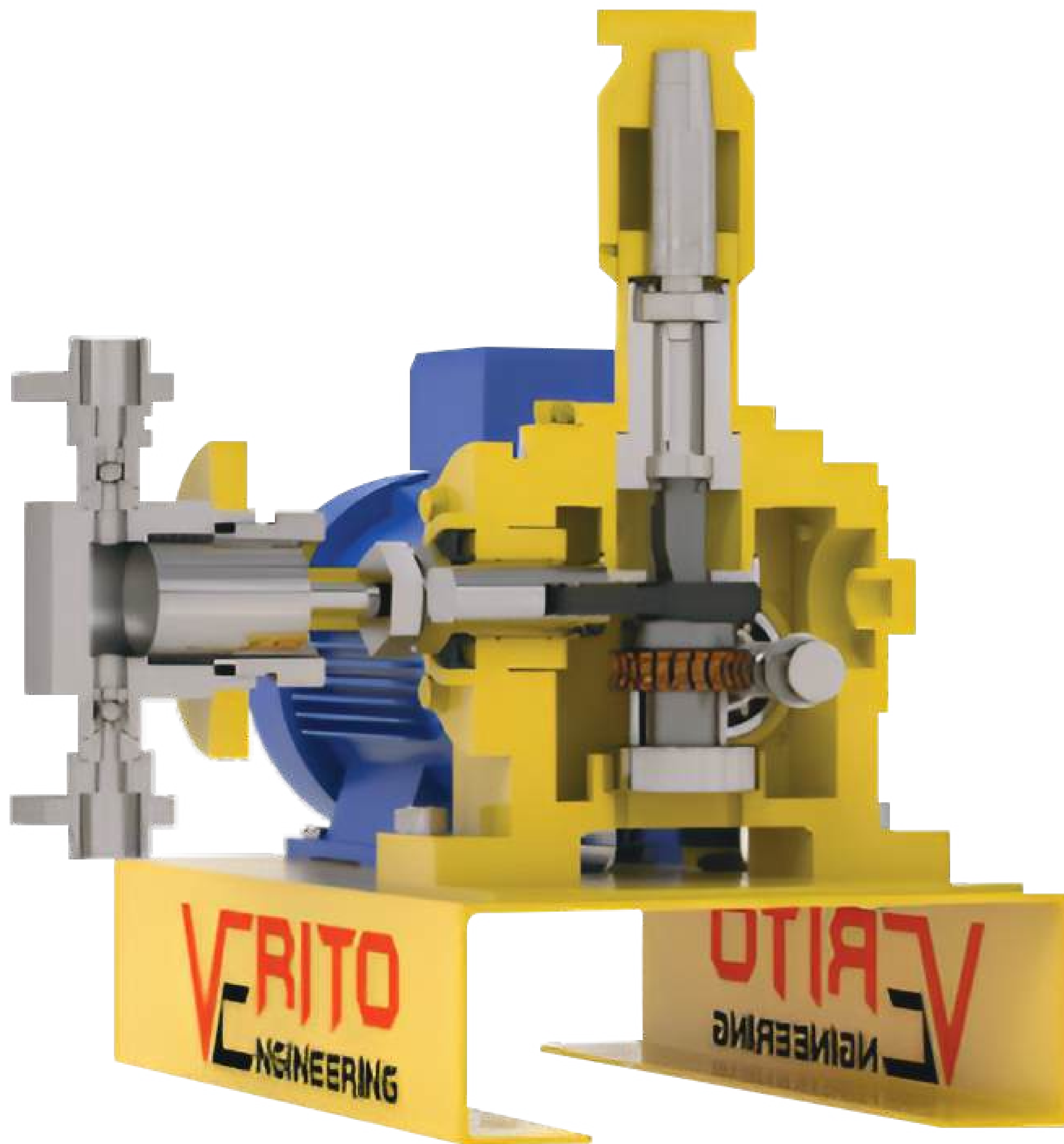
Redundant Pump Configuration

1500# Flange End Connection

Heavy-Duty Design

Explosion-Proof Options with ATEX/ IECEX/ PESO Certification

Plunger Pump



Working Principle

Plunger moves back and forth within a sealed chamber, creating suction during retraction and forcing liquid out during the forward stroke.

Check valves ensure unidirectional flow, enabling precise dosing.

Features

API 675 Pump

High Precision Dosing

High Pressure Capability

Adjustable Flow Rate

Auto Stroke through Electric Actuator (Optional)

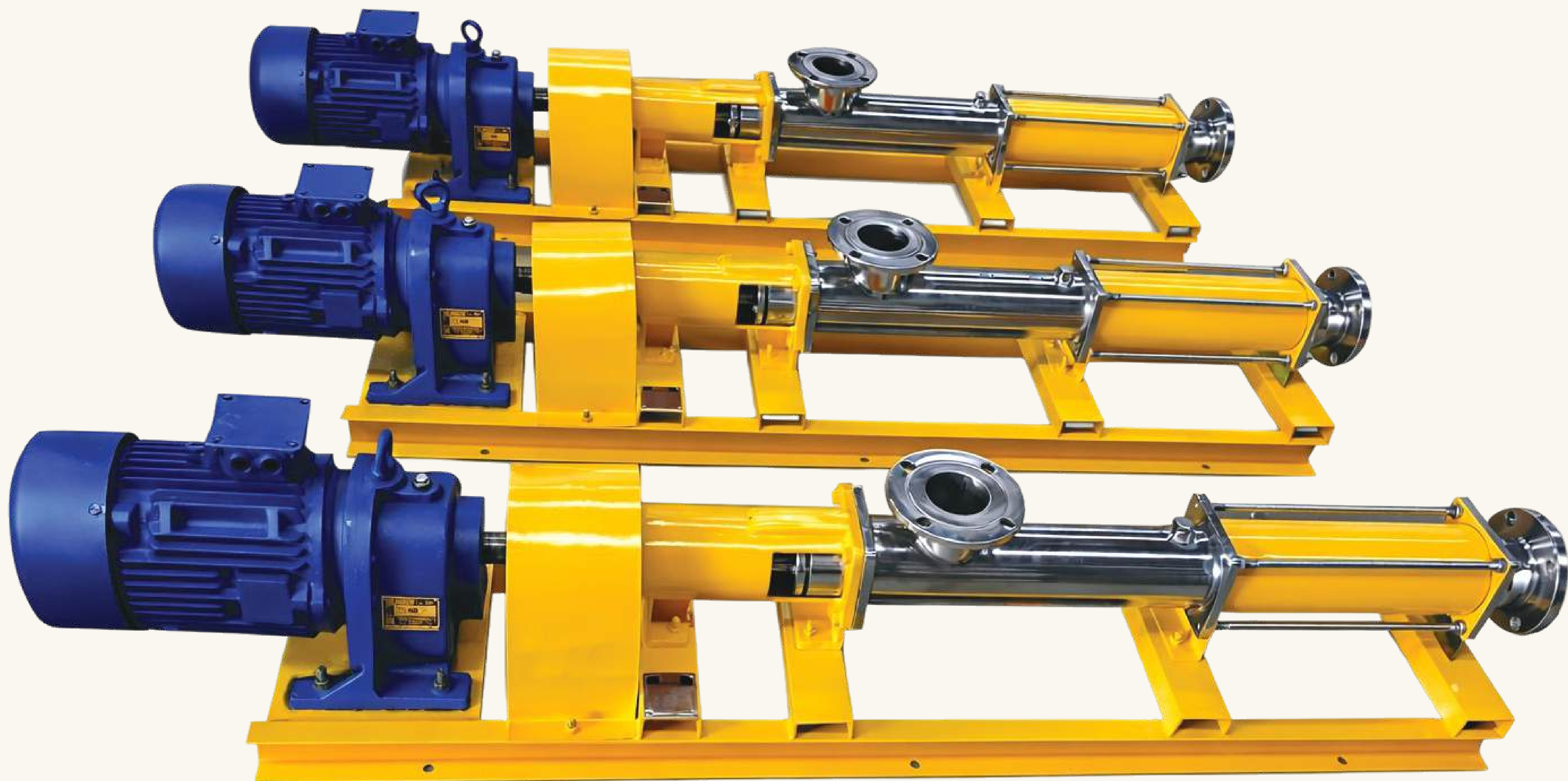
Flanged or Threaded

Jacketed Head (optional)

Variable Speed Drive Integration (Optional)

External Control Integration

Progressive Cavity Screw Pump



Technical Specification

Parameter

Type

Design Standard

Flow Rate

Pressure Range

Drive Mechanism

Power Supply

Sealing

Safety Mode

Mounting Options

Speed Reduction

Control Option

MOC of Rotor

MOC of Stator

Application

Specification

Progressive Cavity Screw Pumps (positive displacement pumps)

API 676

Upto 1,00,000 LPH

Up to 6 Bar

Motor-driven Screw rotor-stator principle

415V AC

Mechanical Seals / Packing Glands

Dry-Run Protection

Baseplate, Skid, Trolley Mounted

Pulley Belt Drive / Gearbox Drive

VFD

CS, SS304, SS316, Alloy 20, Hastelloy

NBR, EPDM, FKM, PTFE, HNBR

Sludge Transfer, Slurry Transfer, Viscous Fluid Transfer

Agitator/Mixer

IT'S NOT JUST MIXING,
BUT A PRECISION ENGINEERED TECHNOLOGY



At Verito,
We design high-performance mixer agitators built for demanding industrial applications. Engineered with precision, tested in-house, and crafted from premium materials, our agitators ensure durability, efficiency, and long lasting reliability across diverse operations.

Precision at Every Level

Performance Assurance	Dimensional Accuracy & Stability	Advanced Quality Testing & Compliance
Run Trail	Dimensional Check	UT
Nosie	Run Out	PMI
Vibration	Static Balancing	DP
Temperature	Dynamic Balancing	PT
RPM	Frame Size	RT
Current	Paint DFT	EN 10204 3.1 & 3.2

Connect with Our Agitator Design Experts!

Need assistance in selecting the right agitator for your application? Our team of experienced engineers is here to help.

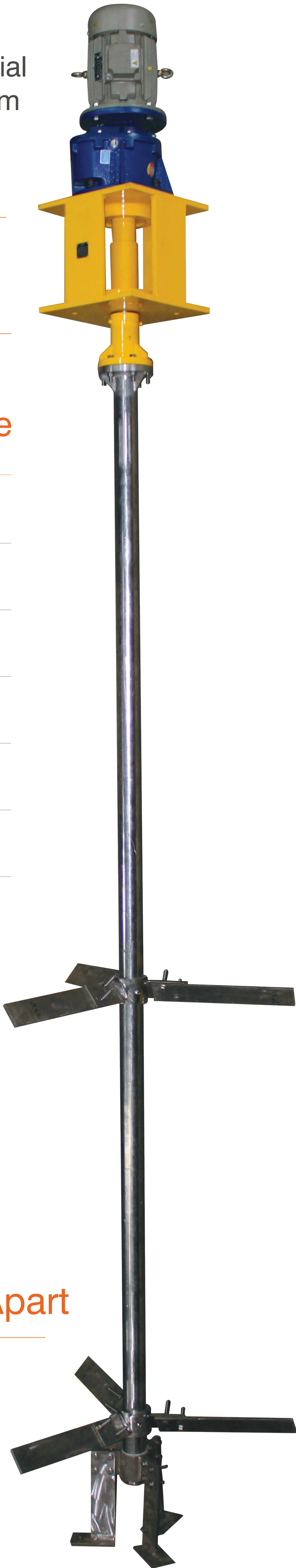
Explore the best in mixing technology with Verito!

Expertise in Mixing Technology

Tip Speed	Pumping Capacity
Intensity of Mixing	Specific Power
Velocity Gradient	Detention Time
Torque	Material of Construction

Manufacturing That's Sets Us Apart

High-Precision Machining
Certified Welding Procedures
Aesthetic Excellence



Chemical Reactor Agitator



Project: Zydex Group

Technical Specification & Features

Motor Rating	4-100kW	Impeller	Hydrofoil, Pitched Blade Turbine, Rushton Turbine, or Anchor Type
Shaft Diameter	40-300mm	Shaft Sealing	Single Mechanical Seal, Double Mechanical Seal with Thermosyphon Pot
Operating Temperature	-40°C to 200°C	Bearing Housing	Robust casted and welded lantern with Double Bearing
Operating Pressure	FV to 10 Bar	Gearbox	Bevel Helical, Inline Helical
Viscosity	1cP to 70,000 cP	Material (Wetted Parts)	CS, SS, Super Duplex Steel, Alloy, Special Coating/Lining.
Motor Approval	ATEX, PESO, IECEx		

Multi-Axial (Triple Shaft) Agitators



Project: Wipro Limited

Technical Specification & Features

Configuration	Triple Shaft Design: Disperser (Cowl Disc), Anchor, and Hydrofoil/Turbine Impellers
Shaft Sealing	Single Mechanical Seal, Double Mechanical Seal with Thermosyphon Pot
Mixing Speed	Anchor: 10 – 30 RPM (for high-viscosity materials, Range: 100 cP to 1,000,000 cP) Disperser: 500 – 3000 RPM (for fine dispersion) Hydrofoil/Turbine: 50 – 300 RPM (for bulk flow circulation)
Control System	Integrated VFD for each shaft PLC/SCADA compatibility for automated operation Load Cells for precise monitoring of material addition
Material (Wetted Parts)	SS304, SS316/316L, Super Duplex Steel, Alloysz

Agitators for Pharmaceutical Industry



Project: Sun Pharmaceutical Industries Limited

Technical Specification & Features

Impeller Configuration	Verito Special Impeller
Temperature	-20°C to 150°C
Pressure Range	FV to 12 bar
MOC	SS 316/316L, Surface Finish: Ra ≤ 0.4 μm
Shaft Sealing	Double or Single Mechanical Seals with CIP/SIP compatibility
Control and Monitoring Systems	Integrated PLC/SCADA systems for automated process control VFD for variable speed control
Compliance Standards	CIP (Clean-in-Place) and SIP (Steam-in-Place) compatibility ASME BPE, cGMP, and FDA standards CE, ATEX/IECEX, PESO certifications

Agitator for Distillery Fermentation Tanks



Technical Specification & Features

Application	Fermentation, Pre-Fermenter, Liquification, Storage Tank
Power Rating	1.5 kW to 50 kW
Tank Volume	5,000 liters to 100,000 liters
Impeller Configuration	Hydrofoil, Turbine
MOC	SS 304, SS 316/316L
Shaft Sealing	Stuffing Box, Lip Seal

Side Entry Agitator for Food Processing Storage Tanks



Project: Patanjali Foods Limited

Technical Specification & Features

Application	Oil, milk, beer, alcohol, and similar fluid blending in large storage tanks.
Motor Power	0.5 HP to 10 HP (Based on application requirements)
Impeller	High Efficiency Hydrofoil, Propeller
Speed	0-300RPM
Shaft Sealing	Single Mechanical Seal with shut-off device
Material (Wetted Parts)	Food-grade, SS304, SS316/316L
Design	CIP, Hygienic Standard.

Chemical Injection Packages

EXPERT & SPECIALIST

Precision Dosing Systems and Injection Packages for All Industrial Needs

Custom-Built Dosing & Injection Solutions:

We manufacture high-quality, precise dosing systems and injection package skids for Oil & Gas, chemical, pharma, food, and water treatment industries.

End-to-End Engineering Expertise:

From design and engineering to installation and commissioning, our experienced team delivers fully customized solutions tailored to your process needs.

Quality You Can Trust:

Backed by a state-of-the-art manufacturing facility and strong customer support, we ensure reliable performance, accuracy, and long-term efficiency.



Flexible & Customizable Tank Construction

Our Storage / Dosing / Preparation tanks can be designed in rectangular or cylindrical shapes, including multi chamber systems tailored to your specifications, adhering to ASME Section VIII Division 1 standards.

Pressure Based Piping System Design.

We recommend obtuse or socket welded pipes for elevated pressures and use tubing for liquid supply and discharge at lower pressures and capacities.

Fluid Dynamics Driven Design

Our designs utilize computer based fluid dynamics calculations for pipeline behavior analysis, ensuring optimal performance by integrating necessary accessories like Strainer, pulsation dampers, Pressure Safety Valve, Non Return Valve, Etc.

Advanced Alloy Materials

For the construction of Chemical Injection Packages, we employ high-alloy materials, including Monel, Titanium, Hastelloy & others when required. Alternative choices are also available upon request.

International standards

Verito Engineering Private Limited is an ISO 9001 Certified. Our pumps, systems, and units adhere to all major international standards, including API, ASME, TÜV, and numerous others.

Complete Dossier

During the documentation process, we carefully take into account your specific requirements. Accordingly, we offer GA Drawing, P&ID, Performance Curves, inspection reports and records, Etc.

Testing, Acceptance and Inspection

We ensure seamless operation through factory acceptance tests (FAT) at our site or yours (SAT), along side non-destructive testing (NDT) and positive material identification (PMI).

On-Site assembly

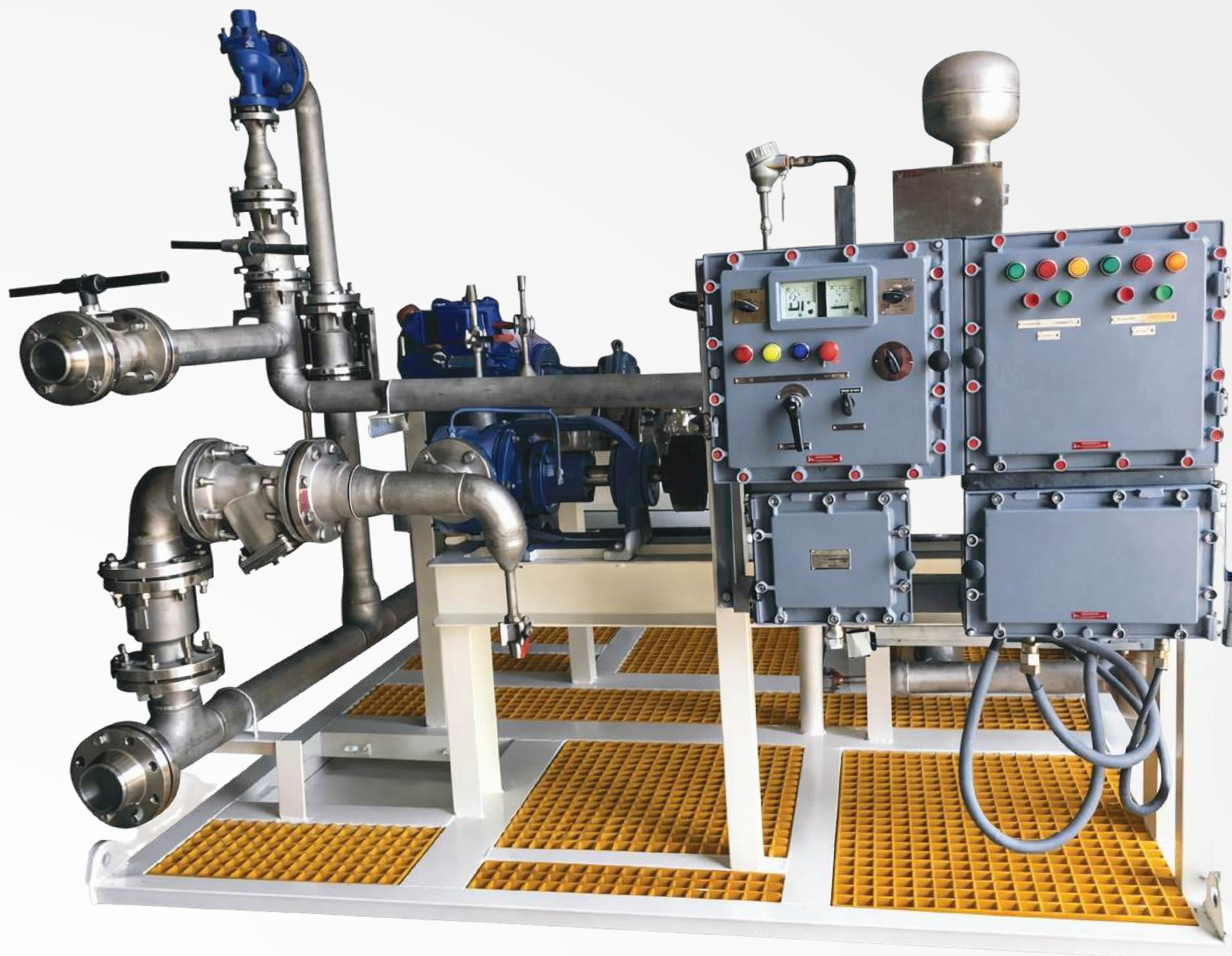
Our comprehensive solutions cover everything from engineering to commissioning, with systems designed for easy disassembly and reassembly for transport.

Global commissioning

Leveraging our global service network, we specialize in on-site technical support to bring your equipment into operation, whether onshore or offshore.

Octane Booster

Project: SRS Middle East FZC, Al Hamriyah, UAE



Features

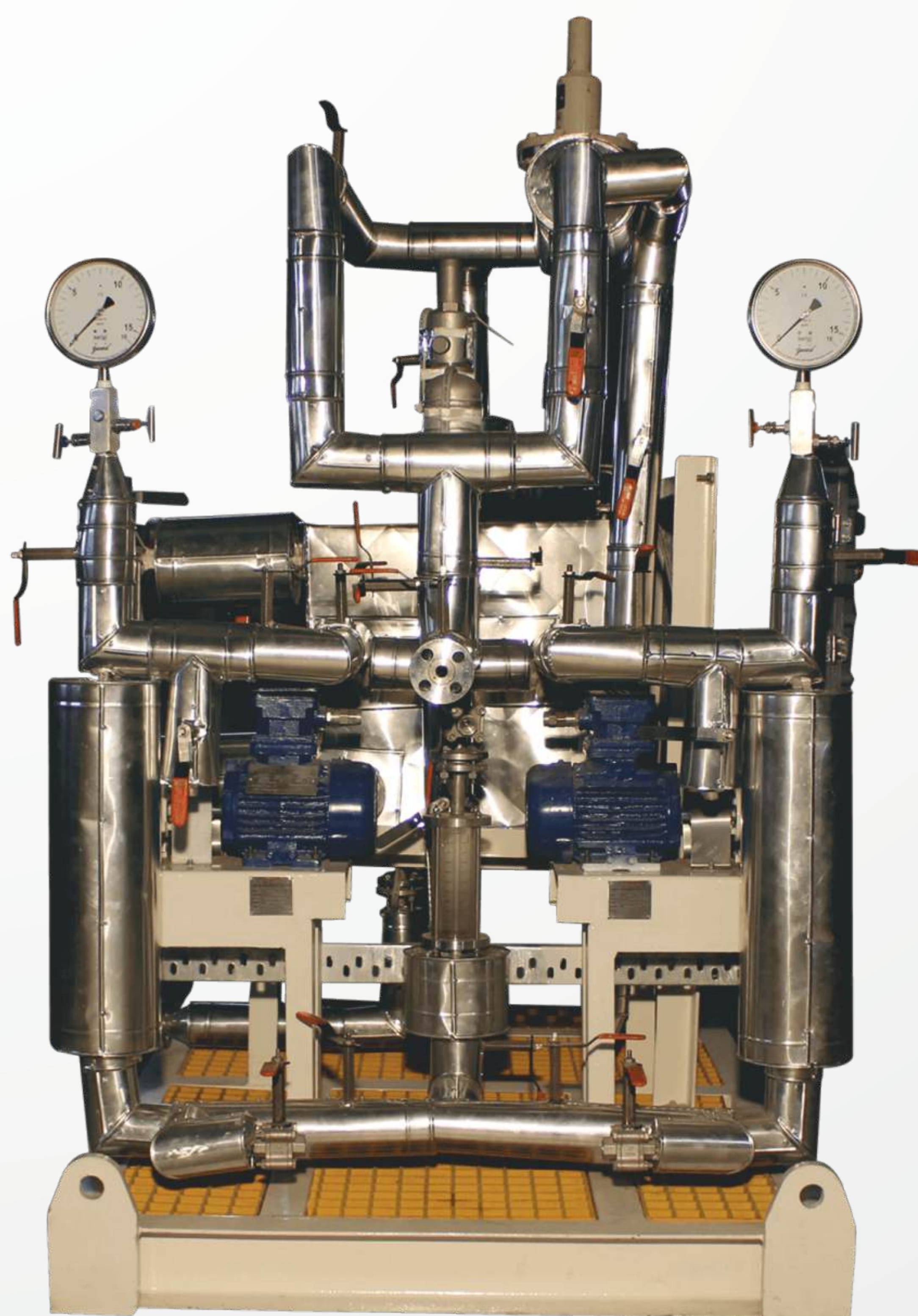
- Customizable skid design
- High-accuracy metering pumps
- Integrated safety features
- Corrosion-resistant materials
- Automated operation and monitoring
- Easy maintenance design
- Compliance with international standards
- Compact and skid-mounted design

Purpose

Octane Booster Dosing System is to increase the octane rating of asoline by injecting octane booster additives into the fuel stream in a controlled and precise manner, typically in industrial settings where gasoline needs to be blended to meet specific octane requirements.

Stadis 450 Injection Package

Project: Heathrow Airport (London)



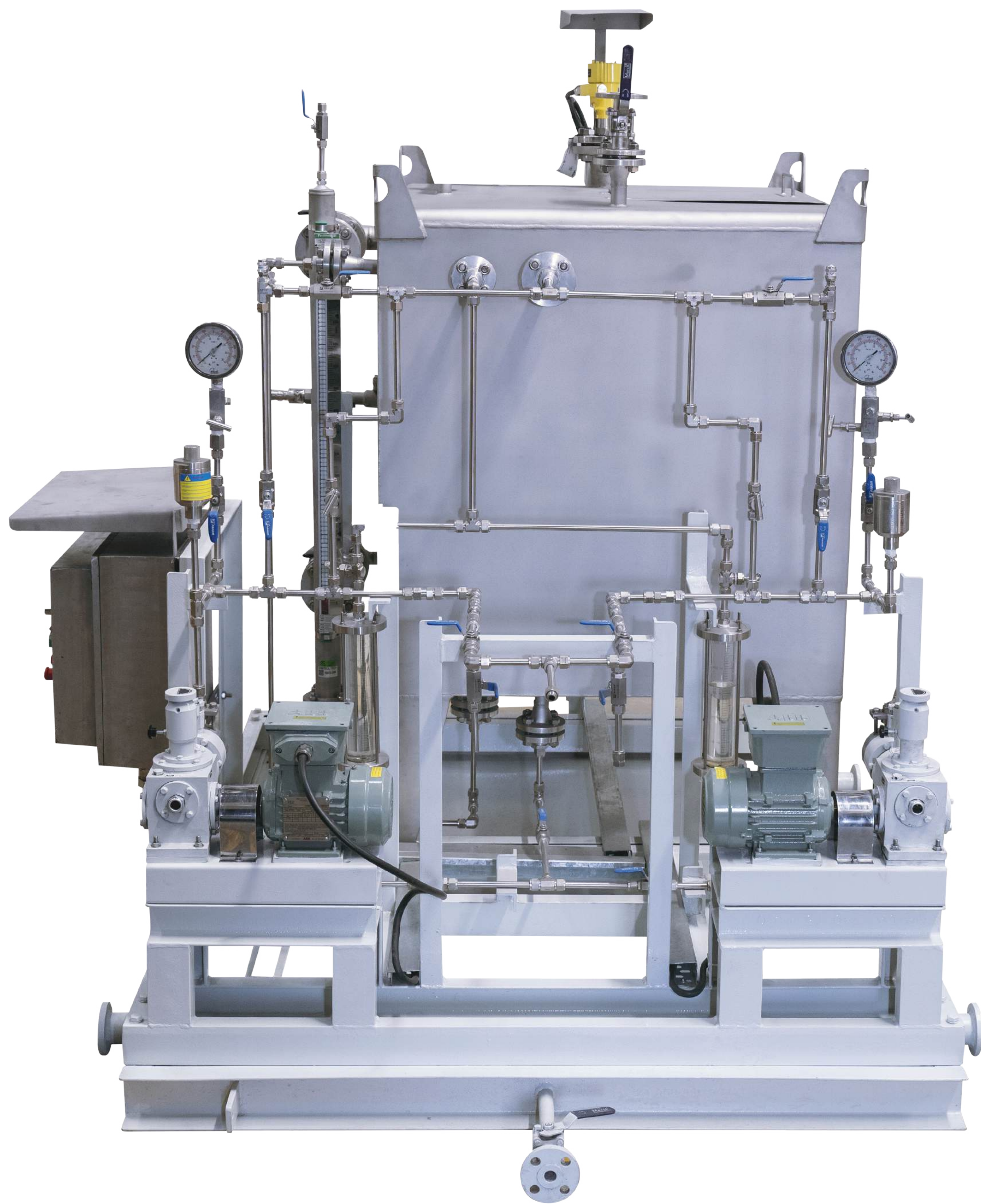
Purpose

Stadis 450 Injection Package is a product used in aviation fueling to improve the conductivity of jet fuel. It is a mixture of chemicals that are added to jet fuel to enhance its electrical conductivity, which is critical for safe and efficient fueling operations.

Features

- Automated High-precision metering pumps for accurate Stadis 450 injection
- Heat Tracing & Cladding for Low Ambient Temperature Environment
- Compliance with aviation fuel and safety standards
- Easy-access layout for maintenance and service

Corrosion Inhibitor Injection Package



Project: SRS Middle East FZC, Al Hamriyah, UAE

Purpose

A Corrosion Inhibitor Injection Package is a system that injects a chemical solution into a process stream to mitigate or prevent corrosion of metal surfaces, typically used in industrial settings such as oil and gas production facilities or water treatment plants.

Features

Automated control High-precision metering pumps for accurate dosing

Safety features including leak detection and overpressure protection

PLC-based automation with HMI for user friendly operation

Built-in storage with spill containment

Compact, skid-mounted, Easy-access design for routine maintenance

Mercaptan Dosing System

Project: Indian Oil Corporation Limited (IOCL)



Purpose

Mercaptan Injection Packages is to add small amounts of mercaptan compounds to natural gas, propane, or other odorless gases to give them a distinct odor for the purpose of detecting gas leaks and preventing accidents.

Features

Precision Automated flow control dosing pumps for accurate mercaptan injection

Safety features including leak detection and emergency shutdown

PLC-based automation with HMI interface

Easy maintenance and accessible design

Compliance with industry and environmental safety standards

Disulfide Oil (DSO) Process Dosing Skid



Project: Reliance Industries Limited

Purpose

Disulfide Oil (DSO) Process Dosing Skid Injection Package is a specialized system designed for the controlled injection of Disulfide Oil into process units within the oil and gas industry. Disulfide oil (DSO) is a low-grade by product of gas refining. It's produced during the demercaptanization process. DSO is a hydrocarbon sulfide waste stream that can cause environmental pollution.

Features

Automated High-precision metering pumps for accurate Dosing

PLC-based automation with HMI interface for user-friendly operation

Automated control with adjustable injection rates

Compact, skid-mounted design for easy integration

Safety features including leak detection and emergency shutoff

MEG Chemical Injection Package



Project: Dangote Petroleum Refinery, Nigeria

Purpose

The Monoethylene Glycol (MEG) Injection Package is a critical system used in oil and gas operations for hydrate inhibition and pipeline integrity management. This package is designed to inject precise quantities of MEG into pipelines to prevent the formation of gas hydrates, ensuring uninterrupted production and transport of hydrocarbons in subsea and onshore facilities.

Features

Automated High-precision metering pumps for accurate Dosing

Relief valves and rupture discs for overpressure protection.

Explosion-proof components for hazardous area applications.

Modular skid-mounted design for easy installation and commissioning.

Secondary containment systems for leak prevention and environmental safety.

Methanol Injection Package

Project: British Petroleum Company, London

Purpose

A Methanol Injection Package is a critical system designed for the controlled injection of methanol into pipelines and process systems to prevent hydrate formation, reduce corrosion, and improve flow assurance in oil & gas and industrial applications. It ensures accurate and reliable methanol dosing, minimizing risks associated with hydrate blockages in pipelines operating at low temperatures and high pressures.

Features

Automated High-precision metering pumps for accurate Dosing

PLC-based automation with HMI interface for user-friendly operation

Flow meters, pressure transmitters, and level sensors for accurate process feedback.

Explosion-proof components for hazardous area operation.

Skid-mounted and plug-and-play designs for easy installation.

Suitable for onshore, offshore, and subsea applications.



Chemical Injection Quill

EXPERT & SPECIALIST



Verito delivers high-performance injection solutions through a combination of deep chemical process knowledge and decades of specialized fabrication experience. We specialize in the precision engineering of code-compliant injection quills and retrievable injectors, built to withstand the most demanding oil and gas environments

Core Features of Verito Injection Quills

Vibration & Wake Frequency Compliance: Designed in accordance with ASME PTC 19.3 TW standards to withstand high-velocity process flows and prevent fatigue failure caused by vortex shedding.

Integrated Non-Return Valves (NRV): High-integrity spring-loaded ball check valves are built-in to prevent the backflow of process fluids into the chemical feed lines.

Metallurgical Excellence: We manufacture using high-performance materials like Stainless Steels & Specialty Alloys tailored to the chemical environment

Surface Integrity: All quills undergo precision machining and finishing to ensure leak-free performance and resistance to abrasive process media.

Code Adherence: Fabricated to meet ASME B31.3 and API standards.

Certification: Full material traceability (EN 10204 3.1) and pressure testing (BS 6755 / ISO 5208) provided as standard.

Jacketed Injection Quill with Spray Nozzle



Technical Specification & Features

Type	Jacketed Injection Quill with Spray Nozzle
Pressure Rating	Up to 10,000 PSI (Customizable)
Temperature Range	-50°C to 400°C (Based on Material Selection)
Jacket	Heating & Cooling of Dosing Fluid as per Application
Connection Type	Flanged or threaded
Materials	SS316, Duplex SS, Super Duplex SS, Hastelloy, Alloy 20, Monel, Inconel, and other corrosion-resistant alloys.
Nozzle	Quill Cut, Spray, Jet, or Atomization configurations
Certification	EN10204 -2.2, EN10204 -3.1, EN10204 -3.2
Compliance	NACE MR0175, ASME B31.3, API 6A, ANSI/ISA, CRN, PED

Project: Asian Paints Limited

Tee-Type Chemical Injection Quill



Technical Specification & Features

Type	Tee – Type Online Retrievable with high pressure access fitting
Pressure Rating	Up to 10,000 PSI (Customizable)
Temperature Range	-50°C to 400°C (Based on Material Selection)
Sealing System	Dual Sealing System, with PTFE/Graphite material.
Connection Type	Flanged or threaded
Materials	SS316, Duplex SS, Super Duplex SS, Hastelloy, Alloy 20, Monel, Inconel, and other corrosion-resistant alloys.
Nozzle	Quill Cut, Spray, Jet, or Atomization configurations
Certification	EN10204 -2.2, EN10204 -3.1, EN10204 -3.2
Compliance	NACE MR0175, ASME B31.3, API 6A, ANSI/ISA, CRN, PED

Project: Saudi Aramco, Saudi Arabia

Injection Quill with Double Block & Bleed Valve



Project: Daleel Petroleum, Oman

Technical Specification & Features

Type	Non-Retractable, Double Block & Bleed Valves with inbuilt Check Valve
Pressure Rating	Up to 6000 PSI (Customizable)
Temperature Range	-50°C to 400°C (Based on Material Selection)
Injection Length	Customizable as per pipeline requirements
Connection Type	Flanged or threaded
Materials	SS316, Duplex SS, Super Duplex SS, Hastelloy, Alloy 20, Monel, Inconel, and other corrosion-resistant alloys.
Nozzle	Quill Cut, Spray, Jet, or Atomization configurations
Certification	EN10204 -2.2, EN10204 -3.1, EN10204 -3.2
Compliance	ASME, ANSI, and NACE MR0175

Retractable Injection Quill with Safety Clamp



Project: Ras Laffan Petrofins Limited, Qatar

Technical Specification & Features

Type	Retractable Design with Safety Clamp Mechanism & Shut Off Valve, Check Valve Integration (Optional)
Pressure Rating	Up to 10,000 PSI (Customizable)
Temperature Range	-50°C to 400°C (Based on Material Selection)
Sealing System	Dual Sealing System, with PTFE/Graphite material. With Heavy-Duty Locking System
Connection Type	Flanged or threaded
Materials	SS316, Duplex SS, Super Duplex SS, Hastelloy, Alloy 20, Monel, Inconel, and other corrosion-resistant alloys.
Nozzle	Quill Cut, Spray, Jet, or Atomization configurations
Certification	EN10204 -2.2, EN10204 -3.1, EN10204 -3.2
Compliance	NACE MR0175, ASME B31.3, API 6A, ANSI/ISA, API 6A

Dosing Pump Accessories



Strainer:

Purpose: Filter out solid particles from the liquid being pumped.

Type: “Y” Type

MOC: SS304, SS316, PP, MS+PTFE

Size: 15NB to 150NB

End Connection: Socket / Threaded / Flanged

Pressure Safety Valve:

Purpose: Automatically release excess pressure from Line, for safety of pump & Line Damage.

Type: Spring Loaded

MOC: SS304, SS316, PP, PTFE

Size: 115NB to 80NB

End Connection: Threaded / Flanged



Dosing Pump Accessories



Pulsation Dampener:

Purpose: To stabilize the flow and pressure of the liquid by absorbing pressure fluctuations caused by the pump's pulsating action.

Type: Volume Bottle / Bladder

MOC: SS304, SS316, PP, MS+PTFE

Size: 15NB to 80NB

End Connection: Threaded / Flanged

Calibration Pot:

Purpose: Calibrate & measures the flow rate of a dosing pump

Type: Transparent Tubular

Mounting MOC: SS304, SS316, PP, PTFE

Visibility: Acrylic / Borosilicate Glass

Size: 15NB to 80NB

End Connection: Threaded / Flanged



Global Worksites

OUR PRESENCE WITH GIANTS & GLOBAL NETWORK

With **5,000+ installations across 25+ countries**, we deliver reliable solutions—from high capacity 100 HP agitators to critical injection packages. Our global expertise, combined with local insight, makes us a trusted partner for projects of any scale.





UNIT-01

VERITO ENGINEERING PRIVATE LIMITED

Plot No-02, Near Express Highway, Vatva GIDC,
Phase-IV, Ahmedabad, Gujarat - 382449.

Call: +91 76005 52286

Ph. 079-90045766

Email: sales@veritoengineering.com

UNIT-02

VERITO ENGINEERING PRIVATE LIMITED

Plot No. 1 to 5, Shraddha Industrial Plots,
Nr. Haridarshan estate, B/H Vatva GIDC,
Ramol, Vatva - 382449.

Call: +91 76005 52286

Ph. 079-90045766

Email: sales@veritoengineering.com

SALES DEPARTMENT

 +91 76005 52286

 sales@veritoengineering.com

HR DEPARTMENT

 +91 92654 19413

 verito.hr@veritoengineering.com

PURCHASE DEPARTMENT

 +91 76005 52291

 corporate.purchase@veritoengineering.com

SERVICE DEPARTMENT

 +91 90237 29262

 service@veritoengineering.com

REGIONAL OFFICE

Chennai, Mumbai, Delhi, Surat,
Hyderabad, West Bengal

INTERNATIONAL OFFICES

Sri Lanka, Qatar, Malasiya, UAE,
Kuwait, Australia, Oman

