

OUR SERVICES

We are dealing F.W. MURPHY PRODUCTION CONTROLS, ENOVATION CONTROLS, MCS THROTTLE CONTROLS, AUSTART PRODUCTS, & AXI International Intelligent Fuel management systems with excellent services and parts back up and providing an exceptionally higher standard of product support services through skilled and dedicated teams across all its operations.



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4JB

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RAJKOT DIESEL MACHINES



Industry

Marine, Oil & Gas Industries

Meeting the Unique needs of Customers with a **Complete Solution Approach**



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www.rajkotdiesel.com

About Us

Rajkot Diesel Machines was established in 2003. Rajkot Marine LLC & 4JB Automation & Power Controls Pvt. Ltd. are a part of Rajkot Diesel Machines for covering the packaging & Automation solutions of all types of engines / pumps, skids, Marine engines, Industrial engines, Armored vehicles and Automotive applications. We closely work with all OEM's and packagers meeting the unique needs of customers with a complete solution approach

Products

The company is well known in and highly respected through the UAE - GCC-ME& INDIA for the world class products and services of:

We are authorized distributors of FW Murphy Production Controls-USA, Enovation Controls-USA, Austart - Australia, AXI international-USA, MCS - Belgium, and also dealing Pacbrake - CANADA.

System & Solutions

Gas Compressor Panels & Process Monitoring Instruments.

On road & Off-Road Vehicle Monitoring/ Vehicle Dashboard System.

All types of Engines & Pumps Control Panels.

Throttle speed control - Pedal and hand throttle for all types of engines and vehicles.

Machinery, Marine engines & Marine Generators Packaging Solution.

High Pressure Pumps / Plunger pumps- Control Desk & Complete Automation Works

Fabrication of Engine, Pumps & Generator Base skid and Associated works

Up-fits solutions of standard, Exe, Ex'd packaging for Zone 1/ Zone 2 Applications.

Ex'e , Ex'd starters, alternators of Diesel / Gas engines

Air Starters & Air shut off valves.

Free Fall Fire Shut off Valves

PLC & VFD Panels.

Fuel Transfer & Diesel/Petrol Dispenser STP.Control System.

Dispenser STP Cabinet-SS316 Design & Associated flow and Display System.

Diesel / Fuel Polishing, Storage and Transfer Solutions and controls

Customer Service Excellence

We are justifiably proud of our record of providing highly rated customer services, with an equally responsive 24-hour turnaround time on almost every request. With a dedicated team, we provide services to help you handle or manage situations of crisis, promote positive messages about your company, handle requests from the media and positively manage your reputation.



FW MURPHY

PRODUCTION CONTROLS



LM 500 Lube Level Maintainer



OPLC-S-EX
Switch Gauges



OPL Series
Pressure Gauge



C5 Centurion
Controllers



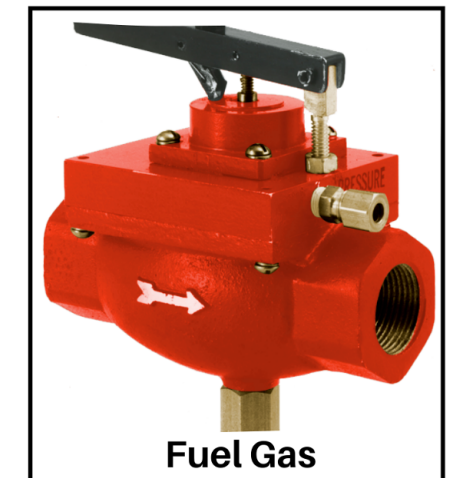
TTD Series Fault Annunciator



LM 300
Level Maintainer



OPLFC-S
Pressure Gauge



Fuel Gas
Shut off Valve



OPL Series
Pressure Gauge



VS2 Series
Vibration Switches



SS 1/4 diameter
Thermocouples



LS 200 Liquid Level
Switch



TTD Series
Annunciator Panel



PXT K Series Pressure
Transmitter

RTD Transmitter



Custom Control Panels

FW Murphy Production Controls proudly offers a wide range of instrumentation and control solutions for the Oil & Gas Production and Natural Gas Compression markets.

ENOVATION CONTROLS®



Electro Mechanical Gauges



Engine & Pump Controller



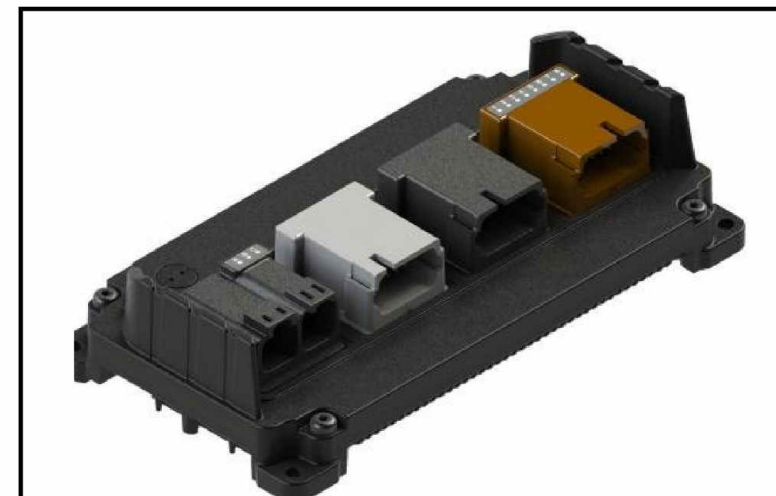
Power View Engine & Diagnostic Display



SNTL 300 Battery Charger



TACHO - EG Gages - MPU



Machine Controller



L 150 Series Level Switch Gauge

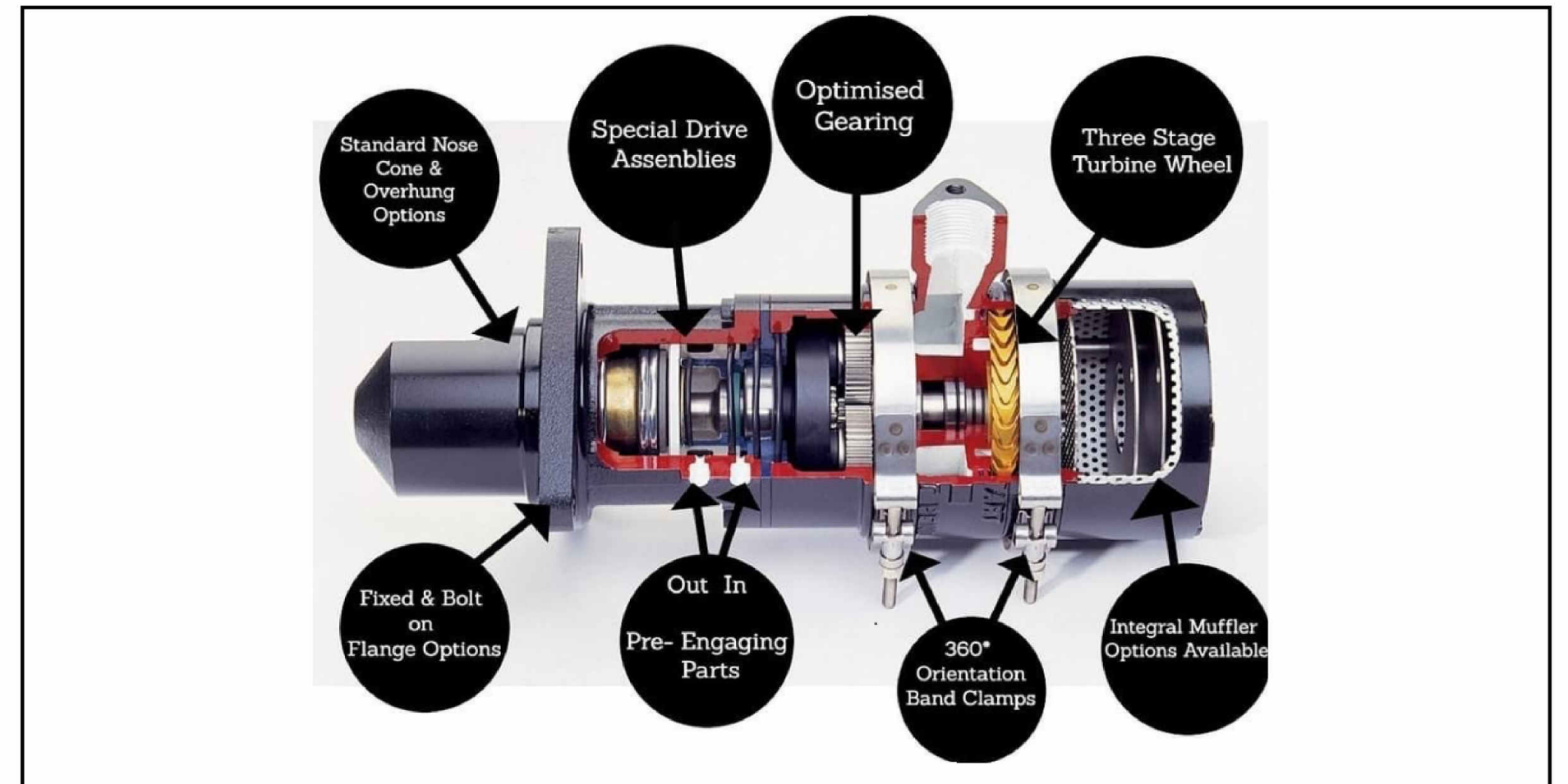
L 150 EX EX Level Switch

L 129 Series Lube Level Switch Gauge

Enovation Controls provides wide variety of controls Display in Power Generation Engines, Oil & Gas production, and Fuel system.



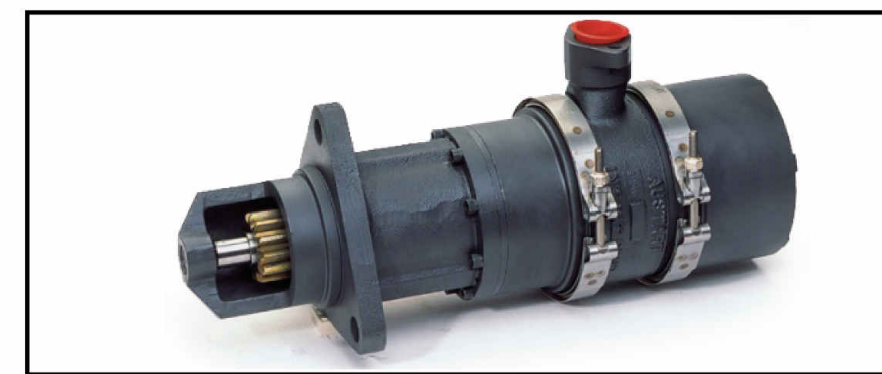
Austart Turbine Starters



ATS 53 Series For Diesel Application up to 3 Litres



ATS 63 Series For Diesel Application up to 3-8Litres



ATS 73 Series For Diesel Application up to 7-16 Litres



ATS 83Series For Diesel Application up to 14-30 Litres



ATS 93 Series For Diesel Application up to 25-70Litres



ATS103 Series For Diesel Application up to 50-250Litres

Austart specializes in starting diesel & gas engines, with over 40 years' experience in multiple industries such as Marine, Mining, Oil, Gas, Transport & Defense.



MOBILE CONTROL SYSTEMS SA

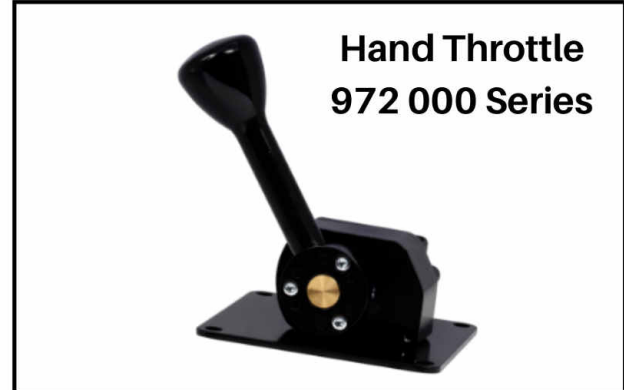
Programmable Electronic Throttle Controls



Heavy Duty Pedal Throttle 962 000 Series



Rotary Control 973 000 Series



Hand Throttle 972 000 Series



Handle Throttle 977 000 Series



Heavy Duty Throttle Position Sensor 974 000 Series



ENGINE & EXHAUST BRAKES

Engine Shut off Valves

Exhaust Brake



Power Halt Engine Shut off Valves Available in 2.8" to 5.5" sizes



PRXB Exhaust Brakes (Air Actuated)

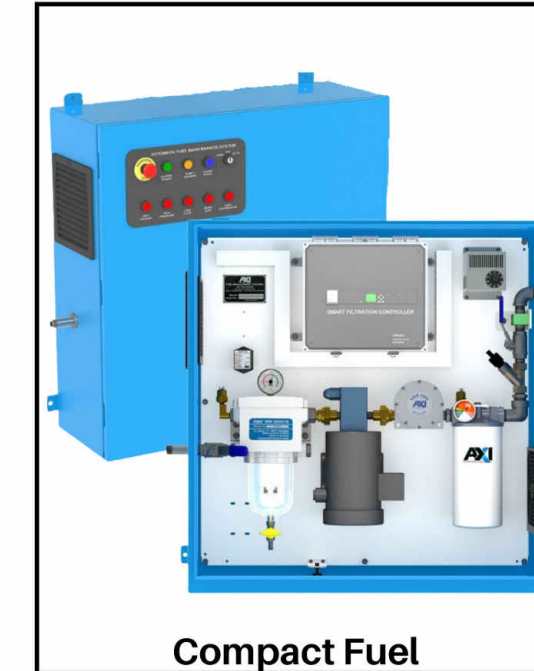
MCS provides programmable electronic throttle controls for industrial diesel engines, CNG, Electric and Hybrid engines. PacBrake known for their PRXB Exhaust brakes and Automatic Engine shutt off valves



INTELLIGENT FUEL MANAGEMENT SYSTEMS



Fuel Transfer Systems



Compact Fuel

Maintenance Systems



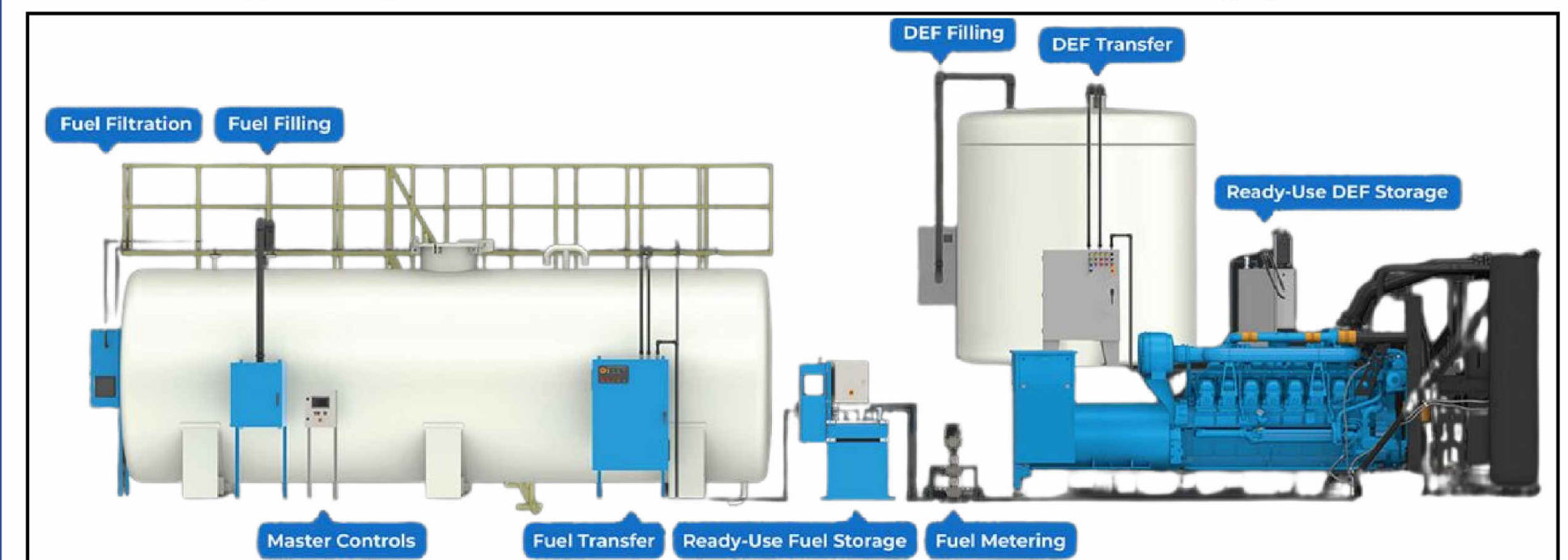
Fuel Filtration System



DEF Management Systems



Mobile Polishing System



AXI International provide facilities with fully automated systems that seamlessly integrate with each other and the respective facilities they serve. From fuel filling and transfer to ready-use day tank storage and automated filtration.



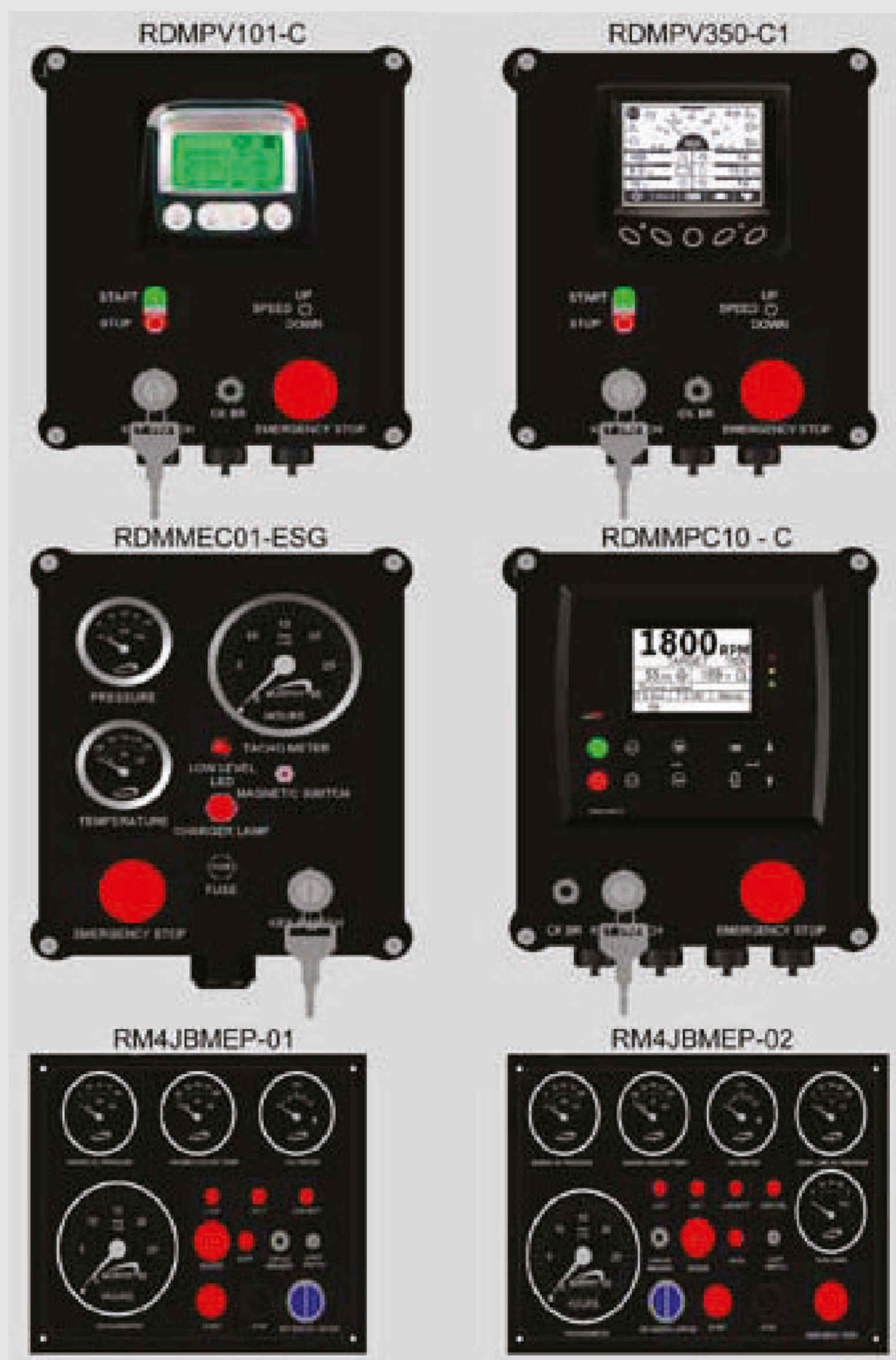
4JB
Industrial Automation
Training & Consulting



AIR STARTER - AIR SHUT OFF - ENGINE CONTROL



RDM - ENGINE/PUMP CONTROL PANELS



PROCESS MONITORING INSTRUMENTS

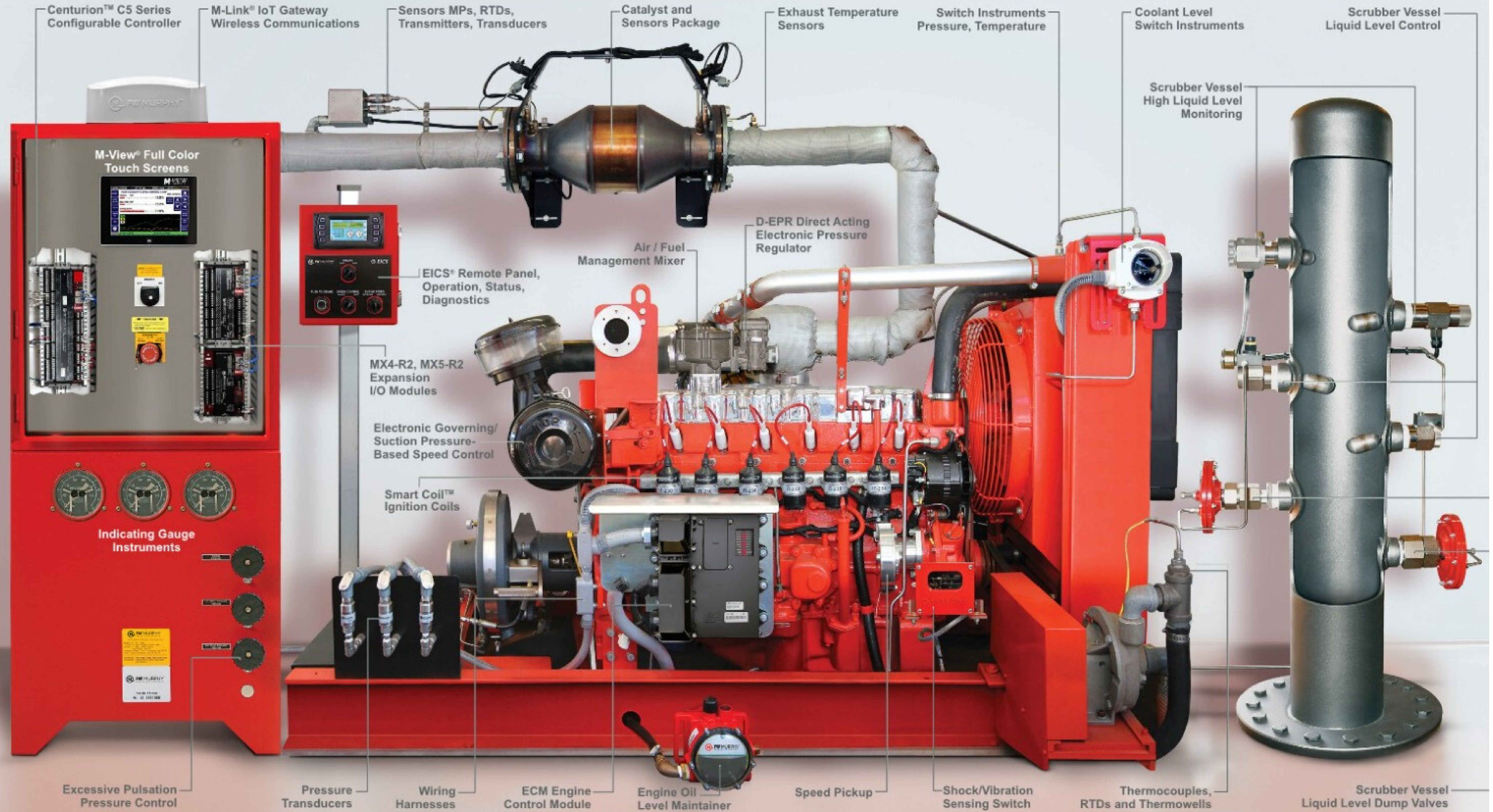


Meeting the Unique Needs of Customers with a
Complete Solution Approach

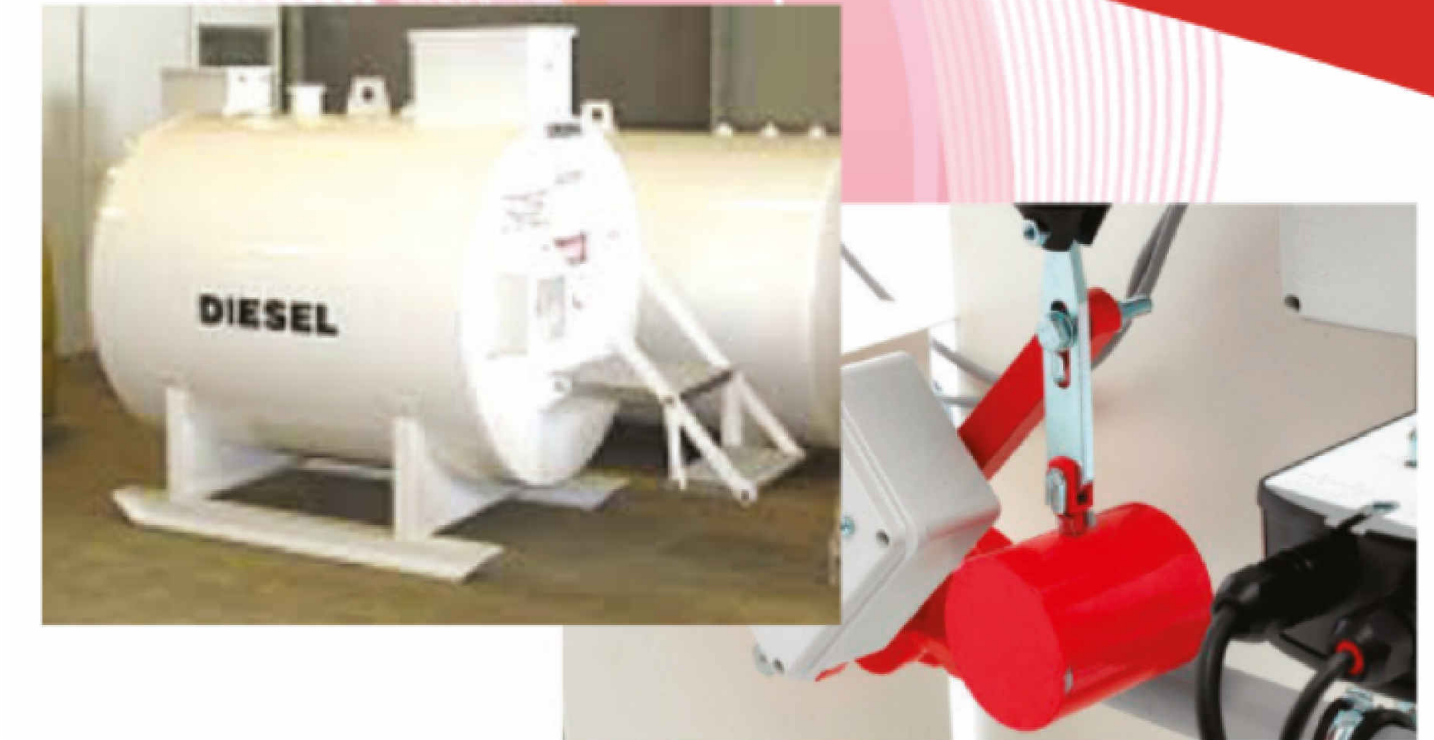


4JB
Industrial Automation

THE ONE SOURCE FOR ALL YOUR CONTROL NEEDS



Meeting the Unique Needs of Customers with a Complete Solution Approach



Total Packaging & Up fits Solutions

Fabrication of engine / Generator skid
Engine /Generator Mounting and Alignments.
Control Panel and Wiring Loom | Load Bank & Load Test.
Engine / Generator Accessories up fits | Fuel Tank and Accessories

Fuel System & Accessories

Fuel System and Filtration | Fire Drop Valve
Fuel Shutoff Valves | Actuators AC/DC | Tank Level Transmitter

Switch Gear Product's

Generator Control Panels | Generator Panels with PLC & HMI.
LV Switchboard | Synchronizing & Paralleling Control Panels.

Automation - PLC & SCADA

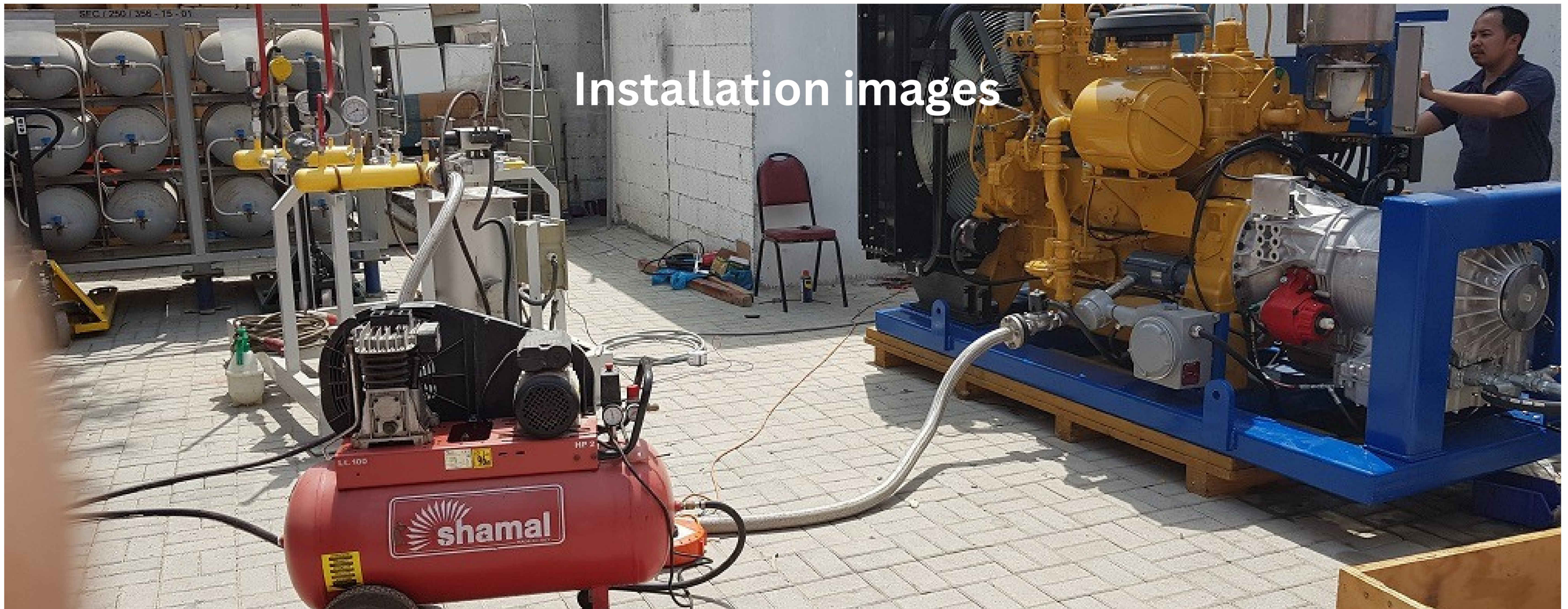
Remote Control Panel with PLC & HMI
Local Control Panel with Mechanical / Electrical.
Local Control Panel with Displays – CAN & RS485.
Remote Control Panel with CAN based I/O and display.
Project based site installation and commissioning assistance.

End Devices

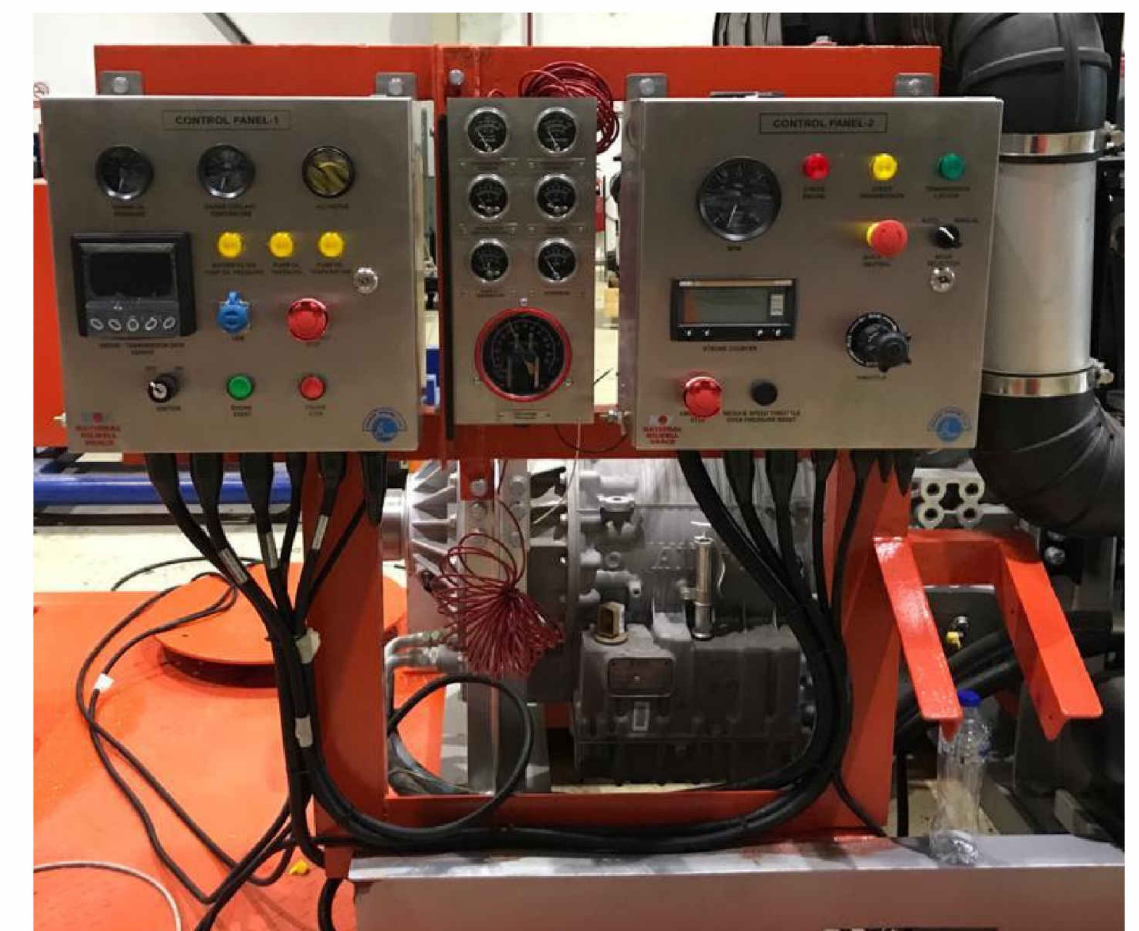
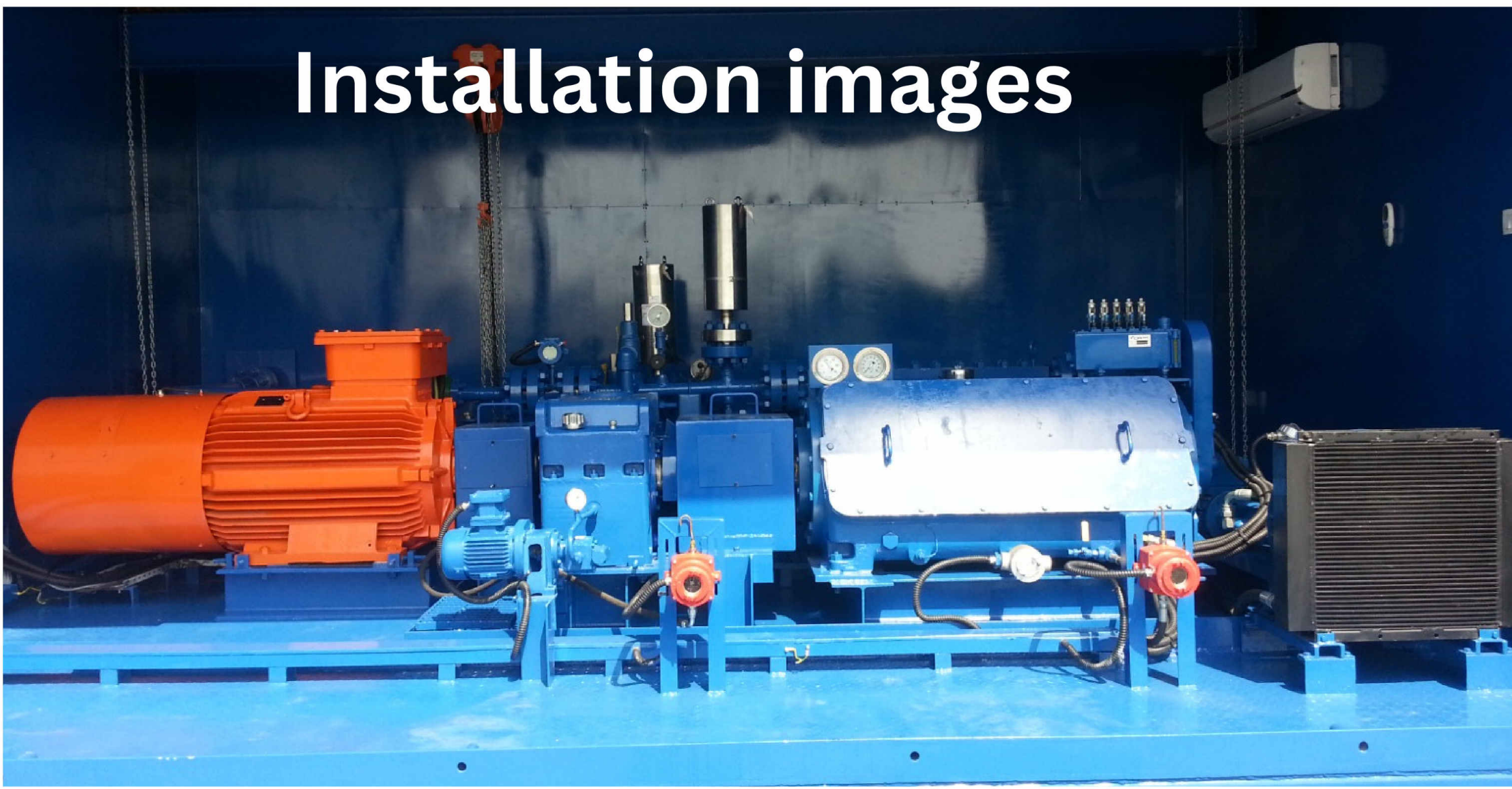
Generator Annunciators.
Fuel Level Sensors | Exhaust Thermocouples / RTD.
Winding Temperature RTD and Monitoring System.
ATEX Products (RTD – TRANSMITTER & SWITCHES)
Coolant level Switch | Pressure / Temperature transmitters
Oil Level maintainer / Switch | Differential Switches / Transmitters / Sensor



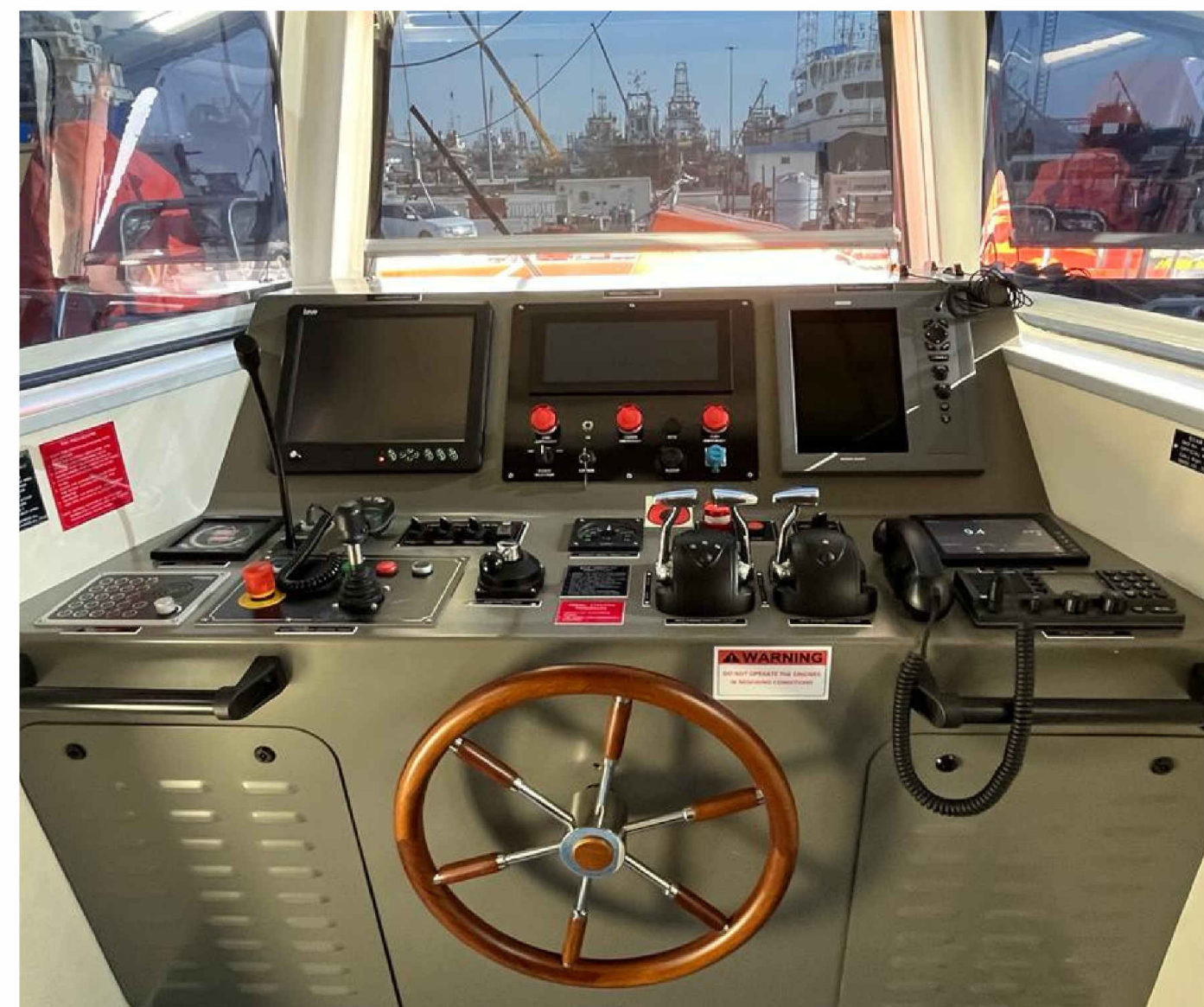
Installation images



Installation images



Installation images



Our Work

Comprehensive Solutions for

Diverse Industries

We believe in delivering excellence through collaboration and innovation. As part of our commitment to providing complete solutions, we encompass Rajkot Marine LLC and 4JB Automation & Power Controls Pvt. Ltd. These divisions are dedicated to offering cutting-edge packaging and automation solutions for engines, pumps, marine engines, industrial engines, and automotive applications.

Customer-Centric Approach

We take immense pride in closely working with OEMs and packagers to ensure that every project is tailored to meet our customers' unique requirements. Our customer-centric approach drives us to go the extra mile to deliver top-notch products and services that exceed expectations.

Our Strategy

Operation

Excellence

Our aim is to establish a culture of operational excellence that will enhance profitability and productivity, and enable us to achieve outstanding performance in all our projects

Premium Quality

Our teams are built with a strong sense of collaboration. Our aim is to consistently deliver top-quality results that ensure successful project completion

Brand Image

We use innovative technologies and behavior-driven practices to provide reliable and profitable services that give clients a competitive edge, ensure successful project implementation, and enhance the company's reputation.

Our Line of Business

Marine & Offshore



Switch Gear Products
Vessel and Engine
Monitoring System

Oil & Gas



Controls & Customized solutions
(Well service, Cementing Units,
Batch Mixer etc)

Defense



Navy & Armored Vehicle
Integrated Dash system

Industrial Control Solutions



Genset and Pumps
(Jetting, Irrigation,
Dewatering)

Our Mission

Motivating people to act like owners working together.

Exceeding customer expectations by always being first to market with the best products.

Partnering with our customers to make sure that they succeed

Being a solid Manufacturer, System Integrator & Solution Provider in the Industrial Stationery Equipment's, Armoured vehicles, Marine, and Oil-Gas Industry”.

Our Vision

To be the leading Primary Technical & Engineering Company in the marine, Industrial Stationery Equipments, Armoured vehicles, and oil and gas industry, ensuring the highest level of safety during works execution, fostering sustainable earnings growth, and exceeding customer expectations through world-class solutions and unwavering commitment to quality and service.

To develop automation products of with state of art performance to meet all customer needs according to their requirement and expectations

Our Values

Integrity

Safety & Security

Continous Improvement

Innovation Team Work

Goals & accountability

Customer Satisfafaction

Long Term Business

Approach