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# YOUR SOURCE FOR QUALITY EQUIPMENT

Reliable Electro-Mechanical-  
Instrumentation Devices &  
Equipment Supply and  
Services Partner



## EMMANUEL

OIL FIELD EQUIPMENT TRADING (L L C)

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## Mission

To be recognized as the most reliable electro-mechanical-instrumentation robotic devices and equipment supplier and service provider, based on the value priced and advanced portfolio offering range, delivered with flying colours.

## Vision

Continuously deliver highly reliable & advanced products that meet and often exceed customer needs and expectations, improving in all performance indicators:

- World-class Portfolio
- Faster Response
- On-Time Deliveries
- Value Pricing

Continuous organizational growth with regular upgrades & knowledge build up to satisfy the ever-changing needs of the market, with priority to customer satisfaction and employee care.



## Our Product Range

- > HP AND UHP INDUSTRIAL PRESSURE WASHERS
- > STEAM GENERATORS & WATER HEATING SYSTEMS
- > MARINE & COMMERCIAL WATER DESALINATION (RO) SYSTEMS
- > EMISSION MONITORING – IN-SITU, PORTABLE, EXTRACTIVE CEMS
- > BEARINGS – HYDRODYNAMIC THRUST & JOURNAL ASSEMBLIES
- > STANDARD INDUSTRIAL BEARINGS – BALL, ROLLER, SLEEVE
- > RUBBER & METALLIC EXPANSION JOINTS
- > SELF CONTAINED PRVs AND SRVs
- > DELUDGE / PLUNGER / GLOBE / PISTON / BALL / GATE VALVES
- > BRONZE VALVES AND SIGHT INDICATORS
- > MEASUREMENT & INSTRUMENTATION
- > PRECISION CRITICAL AND STANDARD INDUSTRIAL SEALS
- > EXPLOSION PROOF BUG BLOWERS
- > CENTRIFUGAL MUD PUMPS
- > INDUSTRIAL VACUUM CLEANERS & FLOOR CLEANING MACHINES
- > ALUMINUM RETRACTABLE CROWD CONTROL AND AUTOMATED GATES





## HP AND UHP INDUSTRIAL PRESSURE WASHERS



**ALL ELECTRIC EXPLOSION PROOF**  
COLD / HOT / STEAM WASHERS



**ENGINE OPERATED HP WASHERS**  
COLD / HOT / STEAM WASHERS - 3000PSI





**ELECTRIC - 15 -22 KW, 5000 -10,000PSI**

FLOW RATE - 15/30 LPM



**HP & UHP WASHERS AND HYDRO-JETS**

4000PSI, 5000PSI, 6000PSI, 10,000PSI, 40,000PSI



**TRAILER MOUNTED ENGINE DRIVEN**

300PSI WASHER - 250PSI STEAM CLEANER



**BIN WASH SYSTEMS AND VEHICLE**

WASH SYSTEMS - VARIOUS DESIGNS





## STEAM GENERATORS & WATER HEATING SYSTEMS



### LOW PRESSURE INDUSTRIAL STEAM

GENERATORS - 168 TO 1,564 KG / H



### WATER HEATING SYSTEMS INDUSTRIAL

SANITARY APPLICATIONS - 0.4 TO 5 MILLION BTU / H





**TEMPERATURE MAINTAINED TANKS**  
(HEATED / COOLED) TANKS 1,000 OR 2,500 GALLON



**ELECTRIC LOW PRESSURE SATURATED  
STEAM GENERATORS**



**INDUSTRIAL SOLUTION HEATERS**  
100% STAINLESS STEEL HEAT EXCHANGERS



**PORTABLE STEAM GENERATORS**





## MARINE & COMMERCIAL WATER (RO) SYSTEMS



### **GPD 200 | VAC 120 / 208-240 UNITS**

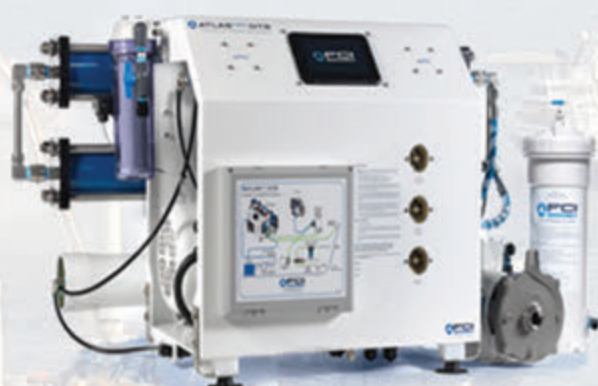
SMALL FOOTPRINT... IDEAL FOR SAILERS &  
POWER BOATERS



### **GPD 700-1,850 | 120 / 240 / 380 / 480 V**

EXPLORE ALTERNATIVE CONFIGURATIONS





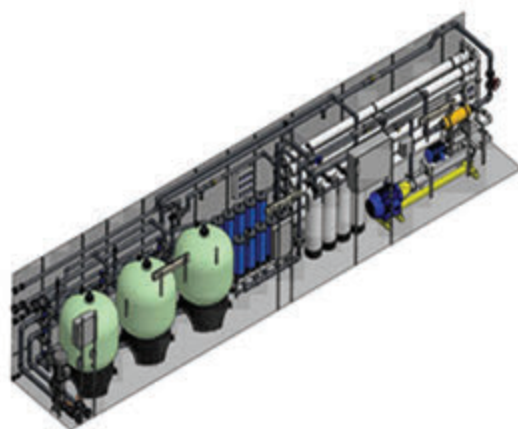
**1,400 – 3,600 GPD MARINE CERTIFIED**  
HMI/PLC TOUCH SCREEN V4 CONTROL SYSTEM



**GPD 13,000-32,000**  
EASY TO INSTALL UNITS



**GPD 750,000 + STANDARD UNITS**  
WITH ADVANCED CONTROL SYSTEMS

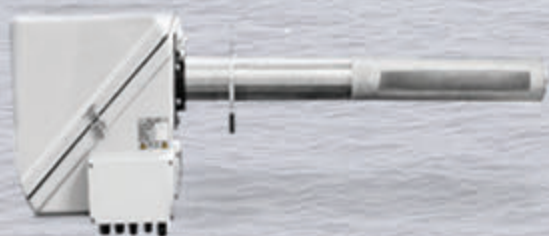


**CUSTOM BUILD UNITS TO SPECIFIC APPLICATIONS**





## EMISSION MONITORING In-Situ , Portable, Extractive CEMS



**EEXD - STACK MOUNTED IN-SITU**  
INFRA-RED GAS ANALYZER  
(STACK GASES "WET", WATER VAPOUR)



**FIR EX SYSTEM- ATEX ZONE 1- SAMPLES 12**  
FOR BOTH PROCESS GAS & EMISSION MONITORING





**FLAMEPROOF ATEX / IEC MULTI-COMPONENT**  
CEM ANALYSER -SIX COMPONENTS



**MULTI-COMPONENT, MULTI-RANGE**  
FTIR SYSTEM



**MARINE EMISSION ANALYZERS - IN-SITU**  
INFRA-RED-SIX GASES INCLUDING SO<sub>2</sub>, CO<sub>2</sub> & NO<sub>x</sub>



**PORTABLE EMISSION MONITORS**

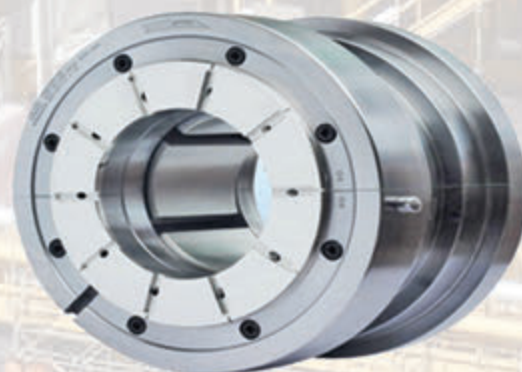




## BEARINGS – HYDRODYNAMIC THRUST & JOURNAL ASSEMBLIES



**THRUST BEARINGS – TILTING PAD**  
(STACK GASES "WET", WATER VAPOUR)



**HORIZONTAL TILTING PAD  
JOURNAL BEARINGS**





**COOLING COILS (CU-NI / TITANIUM)**



**SLIDE BEARING OIL SEALS AND OIL RINGS**  
GENERATORS



**PTFE & PEEK BEARINGS**



**SLEEVE BEARINGS**  
FORCED LUBRICATION, WATER COOLING SYSTEM





## **STANDARD INDUSTRIAL BEARINGS – BALL, ROLLAR, SLEEVE**

**SKF / FAG / Timken / ASAHI / NTN / Koyo / NSK and more...**



**BALL BEARINGS**



**SPERICAL ROLLER BEARINGS**





**TAPPERED ROLLER BEARING**



**FOUR POINT CONTACT BEARINGS**



**PLUMMER BLOCKS**

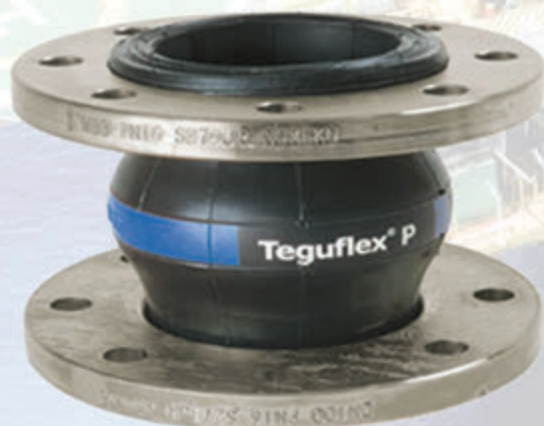


**SELF LUBRICATING BRONZE  
BEARINGS**





## RUBBER & METALLIC EXPANSION JOINTS

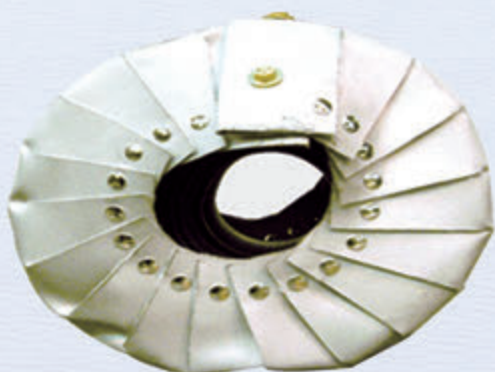


**STANDARD RUBBER EXPANSION JOINTS**  
DNV-GL / ABS / PED / ACS / WRAS / FDA / ATEX



**FULL FACED RUBBER FLANGED**  
VACUUM RING / PTFE LINING





**FLAME GUARD FOR EXPANSION JOINTS**



**PTFE SAFETY SHIELDS FOR  
EXPANSION JOINTS**



**METALLIC EXPANSION JOINTS  
WITH TIE RODS**



**RING REINFORCED / EXTERNALLY  
PRESSURIZED**  
CUSTOM DESIGNED METALLIC EXPANSION JOINTS





## SELF CONTAINED PRVs and SRVs



**PRESSURE RELIEF VALVES**



**GAS & LIQUID PRESSURE REGULATORS**  
( INTERNAL AND EXTERNAL IMPULSE LINE DESIGNS )





**THERMAL RELIEF VALVES**

A vertical thermal relief valve with a stainless steel body and a black base. It is shown against a background of an offshore oil rig.



**GAS PRESSURE REDUCING SKIDS**

A horizontal assembly of yellow gas pressure reducing valves with two pressure gauges. It is shown against a background of an offshore oil rig.



**SLUG CONTROL VALVE**



**ALTITUDE CONTROL VALVES -  
PILOT OPERATED**





**DELUDGE / PLUNGER / GLOBE / PISTON / BALL /  
GATE VALVES**



**DELUGE VALVES**



**DELUGE VALVE SKIDS**





**PLUNGER TYPE FLOW RATE / PRESSURE  
REGULATOR VALVES (ELECTYRICAL)**



**Y-STRAINERS**



**CHECK VALVES (SWING / LIFT)**



**GATE VALVES**





## CONTROL VALVES

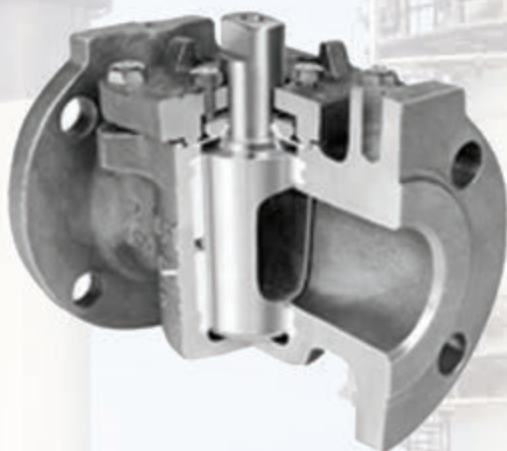


**BALL VALVES - ASME B16.34,  
API608, API6D, BS5351**  
FIRE SAFE DESIGN TO - API 607 OR API 6FA



**CHECK VALVES ASME / API / BS STANDARDS**  
SWING / LIFT / DUAL PLATE, UP TO 48",  
CLASS UP TO 2500#





**PLUG VALVES TO ASME B16.34,  
API 599, API 6D**  
UP TO 1500#, 36", SELF / PRESSURE  
BALANCE LUBRICATED



**BUTTERFLY VALVES TO ASME 16.34,  
API 609, UP TO 36"**  
CONCENTRIC, DOUBLE OFFSET, TRIPLE OFFSET...



**GLOBE VALVES -HAND-PNEUMATIC-  
HYDAULIC & ELECTRIC**  
UP TO 2500# CRYOGENIC,  
BELLOW(S) SEAL(ED) VERSIONS.

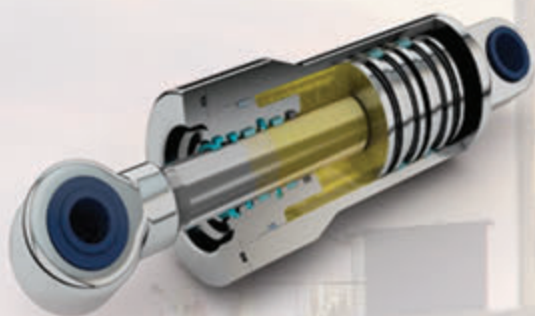


**AIR RELEASE / VALVES**





## **PRECISION CRITICAL AND STANDARD INDUSTRIAL SEALS**



**FUILD POWER APPLICATION SEALS**



**RELIABLE SEALS FOR CRITICAL  
APPLICATIONS**  
AVIATION / SPACE / NUCLEAR





**AUTOMOBILE OIL SEALS**



**TC - RUBBER & VITON OIL SEALS**



**O - RINGS**







## EXPLOSION PROOF BUG BLOWERS & CENTRIFUGAL MUD PUMPS



### EXPLOSION PROOF BUG BLOWER

24" - 230 / 460V / 2HP / 1800 RPM



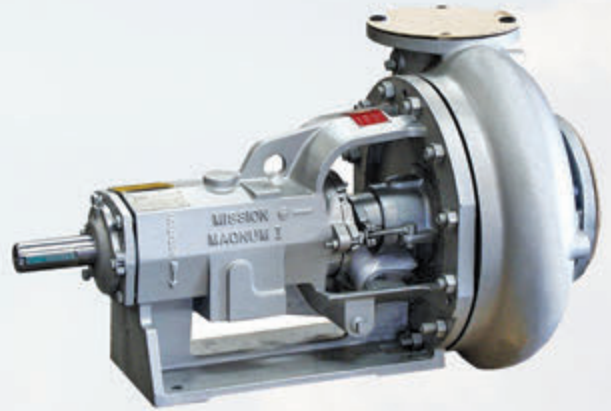
### EXPLOSION PROOF BUG BLOWER

36" / 50" - 230/460 V, 3HP / 5HP / 1200 RPM 50/60HZ

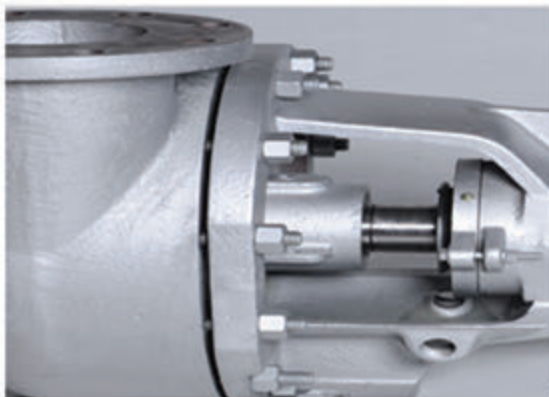




**118 SERIES CENTRIFUGAL MUD PUMP**  
1½" SHAFT AND ONE PIECE CONCENTRIC HOUSING



**FIVE STAR RIG 2500 SERIES  
CENTRIFUGAL PUMP**  
EXTRA HEAVY DUTY 2 1/2" SHAFT



**FIVE STAR SOLID CONSTRUCTION  
FOR RELIABILITY**



**CUSTOM BUILT PUMP SKID  
VERTICAL OR HORIZONTAL**





## **ALUMINUM RETRACTABLE CROWD CONTROL GATES**



### **ALUMINUM RETRACTABLE CROWD CONTROL**

GATES FOR IN-DOOR & OUT-DOOR USE



### **EASILY MOVABLE GATES WITH REFLECTORS**





**DIFFERENT SIZES AND SHAPES**



**REMOTELY OPERATED**



**ELECTRICALLY OPERATED COWD  
CONTROL GATES**



**STONG AND DECENT  
LOOKING GATES**





## BRONZE VALVES AND SIGHT INDICATORS



### BRONZE VALVES OF VARIOUS TYPE AND SIZES

GLOBE, GATE, CHESCK, FOOT, RELIEF VALVES



### BRONZE GLAND PACKED WATER LEVEL GAUGE





**BRONZE POP UP TYPE  
SAFETY VALVES**



**BRONZE THERMODYNAMIC  
STEAM TRAP**



**BRONZE PRESSUREREDUCING  
VALVES**



**BRONZE SIGHT FLOW  
INDICATORS**





## MEASUREMENT & INSTRUMENTATION



**FLOW METERS OF DIFFERENT KIND**  
**UP TO 20,000PSI**

TURBINE, OVAL GEAR, VARIABLE AREA, MAGNETIC



**MICROFLOW METERS**

MICRO-HELICAL SCREW FLOWMETER





**CORIOLIS FM, UP TO 200 BAR,  
260,000 KG/H**  
HART, MODBUS FF AND PROFIBUS PROTOCOLS

**ULTRASONIC CLAMP-ON FM**



**TEMPERATURE SENSORS OF  
DIFFERENT KIND**  
RTD, THERMOCOUPLE, THERMOSTOR



**PRESSURE TRANSMITTERS (LP)**  
ATEX, IECEx OR MARINE (DNV/BV) CERTIFIED



## MAJOR END USERS IN THE UAE

ADNOC

ADWEA (TAQA)

NMDC

ADSB

EGA

DEWA

DUBAI DRY-DOCKS

DUBAI MUNICIPALITY

SHARJAH MUNICIPALITY

BEAVER INDUSTRIES

KHANSHEB ENGINEERING

## EXPORTING COUNTRIES

QATAR

OMAN

KUWAIT

KINDOM OF SAUDI ARABIA

BAHRAIN

IRAQ











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