EES OILFIELD EQUIPMENT

Energy Equipment Services Pte. Ltd.

Key supplier to offshore oil and gas industry

Eddie Ewe

Managing Director

Energy Equipment Services Pte. Ltd. (EES) is one of the leading distributors of high quality marine and oilfield equipment in the Asia Pacific Region. Being based in Singapore which is strategically located and well connected in communication networks, allows fast shipments from Europe and the United States of America, the manufacturing homeland of many of our principals. EES complements its products from its exclusive distributorships with a comprehensive range of non-exclusive premium brands of equipment, carried in stock for immediate delivery across Asia.

EES, a specialised product and service provider, is a subsidiary in the Franklin Offshore Group of Companies. As part of the Franklin Offshore Group, we at EES have the ability and financial strength to deliver what we promise.

Our Clients

Our clients are all major oil and gas operators, drilling contractors, service companies, FPSO/FSO owners and operators, offshore fabricators, rig builders and conversion yards.

Experienced and Dedicated Staff

Our team of highly experienced sales and marketing personnel has both in-depth product knowledge and wide industry contacts to support your needs for a truly professional, efficient and cost saving service.

Mission Statement

Our mission is to be the most respected and efficient supplier of Marine and Oilfield equipment, complimented by 24/7 first class response and service.

Quality Policy

At EES, we put our clients' needs first. We are committed to providing quality services to our clients in a safe and cost effective manner on time, every time.

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

Established in 1983, CAD Control Systems has long been recognized as a leader in the design and manufacture of BOP Control Systems, Diverter Control Systems, High Pressure Testing Systems and Subsea equipment for some of the world's leading drilling contractors. Headquartered in Broussard, Louisiana, CAD has offices located in Houston, Singapore and Dubai (UAE). CAD equipment is utilized by customers throughout North and South America, Europe, the Middle East and Far East. Each piece of CAD Control Systems equipment is designed by our in-house engineering staff and manufactured at our 35,000 square foot production facility.

CAD Control Systems doesn't just stop at manufacturing quality equipment. We back it up with installation and commissioning by qualified technicians worldwide and with comprehensive training accomplished at CAD Control Systems headquarters or at the customer's location. We are proud to have a service department that is available 24/7, 365 days a year. Whatever your controls and equipment needs may be, CAD Control Systems can deliver and exceed your expectations.

CAD Specialises in:

- Accumulator Rack
- BOP Control Systems
- Chart Recorders
- Custom Manufactured Equipment
- Data Acquisition Systems
- Diverter Control Systems
- Fluid Filtration Systems
- Fluid Mixing Systems
- High Pressure Test Systems
- Nitrogen Booster Pump
- Pump Packages
- Remote Operations Panels
- Shear Boost & Dedicated Shear Boost Systems
- Subsea Equipment
- SURE-FIRE Relief Valve System
- Training (On-site or In-house)

CAD Control Systems provides equipment to the world's leading drilling contractors and our global reach extends to over 30 countries world-wide. We also offer manufacturing services for equipment your company has designed. From design to delivery, CAD Control Systems can meet all of your control system needs. CAD Control Systems dedication to quality extends throughout the organization and every facet of operations. Our certifications include:

- PRESAFE PRODUCTION QUALITY ASSURANCE NOTIFICATION
  PRODUCTION QUALITY ASSURANCE NOTIFICATION
  EQUIPMENT OR PROTECTED SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC

- AMERICAN PETROLEUM INSTITUTE (API) QUALITY REGISTRAR
  ISO 9001:2015 - QUALITY MANAGEMENT SYSTEM INTERNATIONAL STANDARD

- AMERICAN PETROLEUM INSTITUTE (API) QUALITY REGISTRAR

- API SPECIFICATION Q1 - QUALITY MANAGEMENT SYSTEM STANDARD

- AMERICAN PETROLEUM INSTITUTE (API)
  CERTIFICATE OF AUTHORITY TO USE THE OFFICIAL API MONOGRAM

- UL 508A PANEL SHOP LISTED

Approved systems include:

► API MONOGRAM
► ABS – CDS
► CE MARKED WITH ATEX/IECEX

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

CONTROL SYSTEMS

CAD's systems are as unique as your business needs. All systems are custom engineered and manufactured according to your exact specifications. Power packages are available in electric and pneumatic. We offer standard electrical auxiliary interfaces for control system remote operation and use the very latest in fiber optic technology to make our world class systems even better. The use of fiber optics has proven to improve communication between systems and auxiliary panels by eliminating the risk caused by electro-magnetic interference. Fiber optic communication lines are durable and have proven to provide more reliable communication than conventional electrical communication lines.

With over 30 years of experience in the design and manufacture of control systems, we have set the industry standard for quality, innovation, and reliability. CAD Control Systems' engineering staff will design a control system to meet your exact specification and operational requirements. Each system is manufactured in accordance with API, ISO, and DNV quality management requirements. We also have approved system design packages including API 16D monogram, ABS CDS, and ATEX/CE marked systems.

Control System Features

- Land and off shore applications
- API Monogrammed Systems
- CE/ATEX systems
- Custom designed to meet exact requirements
- Rated for extreme arc-c or desert climates
- Uninterruptable power supply
- Integrated or fixed diverter
- Diesel systems available
- Pneumatic and/or electric pump systems
- Class 1, Div 1 hazardous location designs
- Blind/Shear Rams
- Shear boost
- ABS/CDS approved designs
- Touchscreen remote operations
- Data-Event logging capabilities
- 3,000 & 5,000 PSI systems
- PLC, HMI Touchscreen or Pneumatic Remote Operations

DIVERTOR CONTROL SYSTEMS

CAD's Diverter Control Systems meet the same rigid standards as our control systems. We use the highest quality components available to ensure the safest and most reliable equipment in the industry. Designed as freestanding systems for fixed diverters or as an integral part of the BOP Control System for wellhead-type diverters, diverter control systems can be configured for a variety of remote operation options and can be rated for use in Zone 1 hazardous locations.

CAD CONTROL SYSTEMS

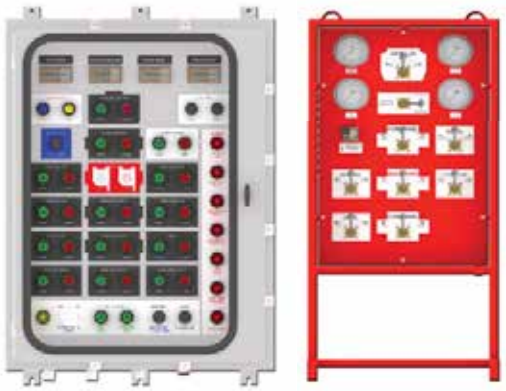
Exclusive Sales & Service Agent

REMOTE OPERATION PACKAGES

When the situation demands immediate action CAD's line of remote operations panels provide the flexibility and proven reliability to operate your control system, safely, from designated locations. We offer pneumatic operated, PLC based, and HMI touchscreen remote operations panels designed to meet your operating requirements.

Our PLC based remote operations panels provide a clean, user friendly layout that reflects the operators unique stack configuration. They also afford users the same ease of use and two handed operation safety feature as our HMI touchscreen remote panels. Illuminated push button control gives the user visual position indication for each stack function with digital read out pressure meters that provide real time system pressure readings.

PLC based remote operation panels are designed and manufactured in accordance with your operational requirements and specifications and can be rated for use in Class 1 Div 1 or Zone 1 hazardous environments.



ACCULUMATOR BOTTLES AND SYSTEMS

Customized accumulator systems consisting of piston or bladder style accumulators can be provided for numerous different applications. While many of the systems provided by CAD are used for stored energy on BOP Control Systems, both in surface and subsea applications, we can provide bottles and systems to meet many other needs.

Stored Energy - Racks of accumulators can be provided as a source of stored energy for many needs, including back up power sources for power plants and steel mills. These systems can be as small as one quart to actuate a single valve or be built out to supply thousands of gallons of fluid for large industrial systems that require large volumes at high pressure.

Emergency Systems - Accumulators can act as an emergency energy source in case of loss of electricity or pump output so that emergency sequences have an energy source in order to bring the system to a safe condition.

Hydraulic line shock - Properly sized accumulator systems can help eliminate hydraulic line shock caused by fast actuating valves and high flow circuits.

Pump Cavitation - Installed on the outlet of pump system accumulators can significantly reduce pump cavitation and noise.

Pressure holding & Leak compensation - Accumulators provide a steady supply of pressure and can make up for system leakage, ensuring that your systems operate smoothly and reliably.

Thermal expansion - In closed loop hydraulic circuits, accumulators can be utilized to provide protection from thermal expansion.

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

PUMP PACAKGES

Electric (Triplex)

The electric motor driven module is the primary source for generating the hydraulic energy which is stored in the accumulators to operate the BOP functions. The pumps are offered in a variety of options to incorporate them into the complete BOP control system. The electric driven pump modules manufactured by CAD are designed for operation in hazardous locations where the presence of explosive gases are anticipated and include electric explosion proof motor starters and pressure switches as required.

Pneumatic

Pneumatic operated pump modules are used to provide high pressure fluid energy to charge the accumulators and operate the BOP stack functions. They are used in conjunction with electric pump modules as an option to provide/meet the requirement for multiple power sources for BOP control systems. Pneumatic pump modules are supplied in various options and configurations to meet specific system requirements.

Nitrogen Booster Pump

CAD manufactures a range of air driven nitrogen boosters capable of providing pressures in excess of 10 KSI. Single and double acting nitrogen pumps are available to meet flow rate requirements. They can be used for pre-charging accumulators or for high pressure testing. The systems can be designed for mobile, fixed and offshore installations.

Features:

- Working Pressures: 100 PSI - 6,000 PSI
- Air driven, reciprocating piston design pump
- 40:1 Compression Ratio
- Typical Gases to be boosted
  - ► Air
  - ► Nitrogen
  - ► Nitrous Oxide
  - ► Oxygen
  - ► Hydrogen
  - ► Carbon Dioxide

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

CHART RECORDER

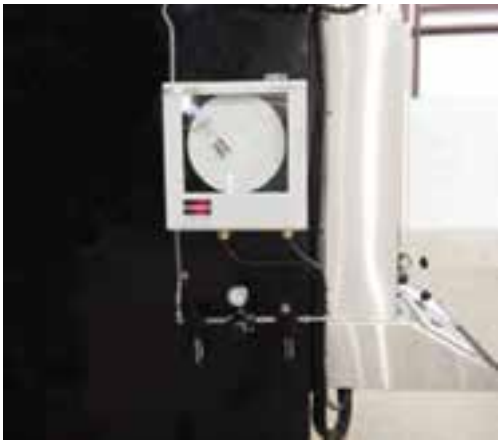
Analog

CAD Control Systems has the toughest, most compact chart recorders in the industry today. They are ideal for use in terra stockers, desiccators or for factory recording conditions simultaneously in several cleanroom locations.

Features:

- Single pen or dual point recording
- Highly reliable and vibration proof
- Removable chart drive modules ensure easy chart paper changes and easy calibration

Digital



CAD provides a convenient, inexpensive solution to pressure monitoring. These fully digital chart recorder offer an array of improvements over the conventional analog circular style chart recorder. It can be mounted to the front panel of the test unit or detached and stored when not in use. There is also a DAQ to monitor Laptop Package for Record Maintenance.

Features:

- Multiple points recording/monitoring of temperature, humidity, cold storage, warehouses, effluent and borehouses
- Highly reliable and vibration proof
- Secure data recording with 64 MB internal flash memory and archiving to SD memory card
- Comprehensive audit trail, secure archiving format and extensive physical and configuration security features, making SM500F ideally suited to applications where compliance to 21CFR part 11 is required
- Extensive physical and electronic security features ensure integrity of recorders configuration and archived data

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

HIGH PRESSURE TEST SYSTEM

CAD Control Systems has over three decades of design and engineering experience with high pressure test systems.

We manufacture Test Systems for:
- Compressors
- Pressure & burst
- Positive displacement engines & pumps
- Dynamic testing cylinders (Hydraulic & Electric)
- Cylinders
- Tube Testing
- Bunker style safe BOP Testing System

Electric

These Test Systems may also include:
- Multiple Data Acquisition Methods
- Freestanding/Skid/Trailer Mounted w/ easy access controls and integrated reservoir tanks
- Provides reduced test times (up to 80% compared to pneumatic test systems)
- Compact, space efficient design
- 20 - 100 HP available (75 HP standard)
- Test range from 250 - 30,000 PSI standard
- Analog or digital chart recorder
- Dual gauges for low pressure and high pressure test readings
- Higher volume
- Four post lift frame and forklift pockets
- Can be configured to operate on 120v, 240v, 380v, 480v (standard), 575v or 600v

Pneumatic

These Test Systems may also include:
- Multiple Data Acquisition Methods
- Freestanding/Skid/Trailer Mounted w/easy access controls and integrated reservoir tanks
- Compact, lightweight and portable
- Operates efficiently on 100 PSI rig or shop supplied air at 280 CFM
- Test range from 250 - 30,000 PSI standard
- Custom systems up to 40,000 PSI
- Air lubricator and filter
- Dual gauges for low pressure and high pressure readings
- Small footprint allows for flexibility of system placement
- An economical solution for hydrostatic testing requirements

CAD CONTROL SYSTEMS

Exclusive Sales & Service Agent

Diesel

These Test Systems may also include:

- Multiple Data Acquisition Methods
- Freestanding/Skid/Trailer Mounted with easy access controls and integrated reservoir tanks
- Self-contained system requires no additional power source
- Integrated drop pan and four post lift rack
- 114 HP air cooled diesel engine
- Test range from 250 - 15,000 PSI
- Analog or digital chart recorder
- Independent low and high pressure test circuits
- Lift eyes and forklift pockets for portability
- Controls designed for accessibility and ease of use
- Hydraulically operated regulator allows operator to accurately adjust test pressure

Our engineering team can work with you to meet your particular needs based on the application.
For more information on other CAD's products range, kindly visit their website: www.cadoil.com

HAWK INDUSTRIES

Exclusive Sales & Service Agent

A U.S.-based corporation, Hawk Industries focuses in Designing and Manufacturing Drill Pipe Make/Break Machines for the Oil & Gas Industry. It takes pride in the level of reliability and safety its products deliver, as well as the numerous international patents held. For almost 50 years, Hawk Industries has combined a proven past with the latest technologies to be an industry leader in innovation and quality.

HawkJaw Drill Pipe Power Tong

The HAWKJAW Power Tong was the industry's first fully integrated Drill Pipe Make/Break Machine. With its proven spinning wrench and patented torque wrench, it remains a favorite of drillers and floor hands alike due to its speed, ease of operation, and inherent safety. Its modular construction provides for easy maintenance and servicing, while the compact design allows it to fit on virtually any rig floor. With a single support cable and a back-up line, the unit is quick to rig up and operate.

		Junior	Senior
Torque		Make-up 65,000 ft. lbs.	Make-up 100,000 ft. lbs.
		Break-out 80,000 ft. lbs.	Break-out 100,000 ft. lbs.
Tool Joints Size Range		3.5" O.D. through 8.0" O.D.	4.0" O.D. through 9.5" O.D.
Spinner Size Range		2.875" O.D. through 8.0" O.D.	2.875" O.D. through 9.5" O.D.
Pipe Spinner Torque		3000 ft. lbs. on 5" pipe	3000 ft. lbs. on 5" pipe
Hydraulics		3000 PSI @ 20-35 gpm	3000 PSI @ 20-35 gpm
Air		100 PSI @ 2-10 cfm	100 PSI @ 2-10 cfm
Dimensions	Width	47.8"	56.1"
	Depth	43"	60"
	Height	93.5"	101.5"
Weight		2,600 lbs.	4,700 lbs.

HAWK INDUSTRIES

Exclusive Sales & Service Agent

T-Wrex Make-Up/Break-Out System

State-of-the-art Design That Meets Your Needs

The T-WREX Make-up/Break-out System provides all the proven performance, reliability, and safety features of HawkJaw in a pedestal mounted configuration for remote-controlled operation. Ideally suited to the harsh environments of offshore drilling, as well as large scale land-based applications, the T-WREX is an efficient system that can significantly reduce your trip time. Two models are available to fit your field needs.

- Up to 40% improvement in trip time
- Operated by remote console
- Increased safety and reliability
- Preset torque regulator ensures proper make-up of each joint
- Low torque warning system prevents under-torqued connections
- Spins and torques in under 15 seconds in most applications
- Infinite pipe size adjustability within working range of tool
- No jaw/die changes required for different pipe sizes

		Junior		Senior	
Torque		Make-up 60,000 ft. lbs.		Make-up 100,000 ft. lbs.	
		Break-out 80,000 ft. lbs.		Break-out 100,000 ft. lbs.	
Tool Joints Size Range		3.5” O.D. through 8.0” O.D.		4.0” O.D. through 9.5” O.D.	
Spinner Size Range		2.875” O.D. through 8.0” O.D.		2.875” O.D. through 8.0” O.D.	
Pipe Spinner Torque		3000 ft. lbs. on 5” pipe		3000 ft. lbs. on 5” pipe	
Hydraulics		3000 PSI @ 20-35 gpm		3000 PSI @ 20-35 gpm	
Air		100 PSI @ 2-10 cfm		100 PSI @ 2-10 cfm	
Dimensions	Width	47.7”		53.5”	
	Depth	62.2” Retracted	134.3” Extended	73.6” Retracted	145.9” Extended
	Height	99.8”		99.8”	
Weight		7750 lbs.		8820 lbs.	
Head tilt		“+/-” 15 degrees		“+/-” 15 degrees	
Rotation		Up to 270 degrees		Up to 270 degrees	

HAWK INDUSTRIES

Exclusive Sales & Service Agent

Spinmaster Drill Pipe Spinners

A pioneer in drill pipe spinning technology, Hawk Industries has 35 years of experience in manufacturing and testing spinning wrenches. Its experience, along with input from drilling contractors around the world, led to the introduction of the SPINMASTER, one of the fastest, safest, and most efficient drill pipe spinners on the market today. Available in pneumatic or hydraulic models in two sizes, the SPINMASTER features field-proven gripping system, along with a wide range of performance enhancements.

- High torque output of up to 2272 ft. lbs.
- Compact design is lighter than comparable tools, helping to reduce crew fatigue and increase safety
- Quick pin releases allow easy adjustment for different pipe sizes
- Externally mounted bearings with removable caps for ease of maintenance
- Roller-type chain eliminates slippage, extends life and lowers maintenance costs

		550-H Hydraulic	550-A Pneumatic	950-H Hydraulic	950-A Pneumatic
Pipe Size Range		2.875” to 5.5”	2.875” to 5.5”	2.875” to 9.5”	2.875” to 9.5”
Max. Torque (ft. lbs.)		600 to 1085	600 to 1250	600 to 1972	600 to 2272
Max. Speed (rpm)		130 to 70	130 to 70	130 to 39	130 to 39
Weight (lbs.)		500	550	575	625
Dimensions	Width	21”	21”	22”	22”
	Depth	28”	28”	36”	36”
	Height	45”	45”	45”	45”
Power requirements		2000 PSI @ 20 gpm	100 PSI @ 240 cfm	2000 PSI @ 20 gpm	100 PSI @ 240 cfm

Operator controls can be pedestal or panel mounted for installation on the drill floor or in the driller’s cabin

Energy Equipment Services normally stocks one or two units of HawkJaw Senior and Junior in our premises and also stocks up more than USD 500,000.00 of spares to cater our customers operation within the region. The spares we have stock is very comprehensive and it can meet the needs of our customers.

Energy Equipment Services is an Authorized Repair Facility for Hawk Industries in this region. We are able to perform Dismantle & Inspection, Servicing & Repair and Overhauling of Units in our premises.

CLEARFLOW SOLUTIONS, LLC

Exclusive Sales & Service Agent

Clearflow Solutions is the official offshore distributor of reliable SAER Electric Submersible Seawater Lift Pumps and related accessories to the Global Offshore Oil & Gas Drilling and Production industries.

Electric Submersible Seawater Lift Pumps engineered and designed for all types of MODU's and Offshore Production Facilities

Conventional Well Towers
Leg Rail & Leg Caisson Systems
Permanent Overboard Hose Reel Systems
Temporary Overboard Hose Systems
Fixed Caissons

Raw Water Supply
Pre-Fill/Ballast
Water Curtain
Gas Cooling
Fire Protection

CLEARFLOW SOLUTIONS, LLC

Exclusive Sales & Service Agent

SAER precision cast & machined AISI 316SS pump & motor components for seawater applications.

Electric Submersible Seawater Lift Pump Accessories

Custom Fabricated Flow Shrouds
Overboard Discharge Hose
Starter Panels and Controls
Submersible Power Supply Cable
Wire Rope
Discharge Piping

SUBDRILL SUPPLY LIMITED

Exclusive Distributor

Subdrill manufactures and supplies a range of high quality subsea and drilling equipment to the oil and gas industry. They also provide top drive valve and drill stem valve inspection, service and repair.

MS-V Mud Saver Air Operated Mud Bucket

Advantages
- Effective mud containment on the drill floor
- Speeds up operations during wet trips

Features
- Unique pantented design
- Quick change seals
- Long service life

Popular with drilling crews
- Improves crew safety on the drill floor
- Reduces crew fatigue

MS-V1A Mud Saver: 2 3/8” - 4” Pipe Drilling Rigs and Well Service Rigs
MS-V2A Mud Saver: 2 3/8” - 5 1/2” Pipe Drilling Rigs
MS-V3A Mud Saver: 2 3/8” - 6 5/8” Pipe Drilling Rigs

DSV Test Stand

The DSV Test Stand provides a quick, easy, pre-defined and safe method of testing Pressure Control Subs prior to installation in the string, without requiring the Rotary Table, Rig Tongs or Iron Roughneck

- Test off-line in parallel with BOP testing or drilling
- Saves 2-3 hours during a routine rig BOP Test

Test Pump
- Test Pump with Integral Chart Recorder, designed for optimum use of DSV Test Stand - compact, reliable and easy to use.

- Rig air 100 PSI

SUB-X™ Wellhead & BOP Gaskets

Since 1993 Sub-X™ Gaskets have been used throughout the world wherever deep-sea exploration and production of oil and gas takes place.

Sub-X™ Sub-Sea Gaskets are designed and manufactured precisely and carefully to extremely tight tolerances from traceable material, with zero ovality, ensuring consistent sealing – every time.

DNV Design Verification
Gasket/Seat interference, pre-load stress and resultant gasket strain are verified by DNV to confirm that an effective high pressure seal is maintained between BOP and Wellhead components during drilling and production.

Design Verification ensures that your BOP Stack is in full compliance with API Standard 53 - Blowout Prevention Equipment Systems for Drilling Wells.

ALFA LAVAL VORTEX

Exclusive Distributor

Single source supplier for complete drilling fluids mixing systems

The Alfa Laval Vortex range delivers a new standard in safer and more efficient mud mixing – a clean break from mud rooms of the past. Engineered to work together, our fully integrated blending systems offer the fastest, safest, cleanest way to reduce overall mud mixing costs, as well as maximize rig productivity and profits. We are your one-stop source for complete mud mixing, dust recovery, tank mixing and agitation, and bulk storage and transport systems for offshore and onshore applications.

System know-how:

- Proprietary and patented products result in exceptional operations and provide optimal drilling fluids performance
- Experience in designing and operating mud mixing equipment on land and offshore
- Superior engineering, manufacturing and compliance expertise
- Commitment to HSE, service quality and performance

Improved efficiency with advanced technologies

The Alfa Laval Vortex range of drilling fluids mixing systems are designed utilizing innovative and patented technologies, as well as high quality materials of construction that provide corrosion resistance in even the most hostile environments. These technologies ensure ultimate blending performance that helps to eliminate the loss of product, reduce drilling costs and realize significant
savings in mud mixing – while creating a cleaner, healthier work environment.

Patented technologies

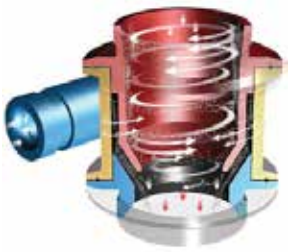
Alfa Laval Vortex Lobestar Mixing Nozzle®

Effective in performing more than one function, the Alfa Laval Vortex Lobestar Mixing Nozzle is capable of suspending solids in a liquid, blending and emulsifying liquids, as well as dissolving polymers, powders and granular materials in a liquid environment. With its unique geometry, this patented three-dimensional nozzle generates a more turbulent pattern – resulting in a more homogeneous product.

ALFA LAVAL VORTEX

Exclusive Distributor

Alfa Laval Vortex Radial Premixer



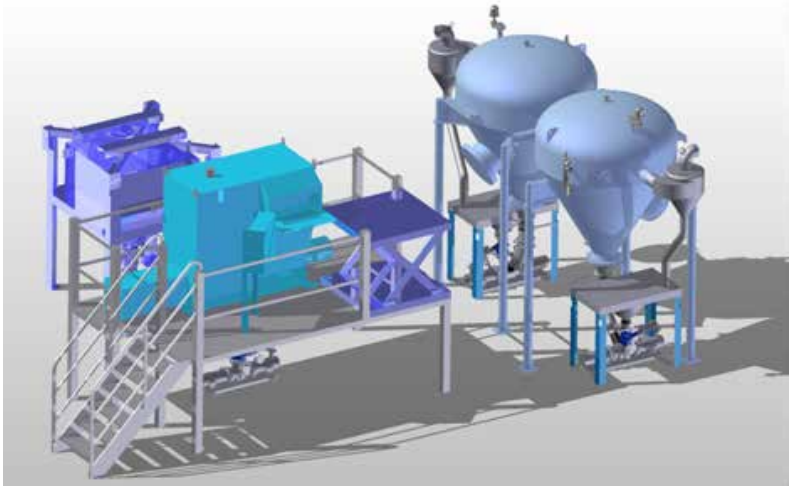
The Alfa Laval Vortex Radial Premixer pre-hydrates chemical additive particles, preventing clumps of additive particles from appearing in the mixed fluid as fish eyes or microgels. It also helps reduce air entrainment through the Alfa Laval Vortex Lobestar Mixing Eductor, and eliminates dust when used as a high rate mixer for bulk barite. The swirling flow pattern and resulting vortex of air, powder and fluid created by the premixer provides initial hydration of the product, and results in complete product mixing to ensure ultimate blending performance.

Alfa Laval Vortex Lobestar Mixing Eductor®

With its innovative design, the Alfa Laval Vortex Lobestar Mixing Eductor incorporates a patented three-dimensional nozzle to generate a more turbulent mud mixing pattern – resulting in near perfect vacuum strength, more uniform blending, and rapid hydration in mud mixing liquid and slurry applications.

Complete drilling fluids mixing systems

The Alfa Laval Vortex range of solutions are designed and manufactured to be fully integrated drilling fluids mixing systems for all mud mixing and blending, dust recovery, tank mixing and agitation, and bulk storage and transfer applications.



Mud mixing and blending

The mud mixing and blending solutions provide a superior system – utilizing proprietary technologies to mix faster, while delivering complete hydration and a more homogeneous, consistent drilling mud that improves drilling and mud mixing efficiency.

Advantages:

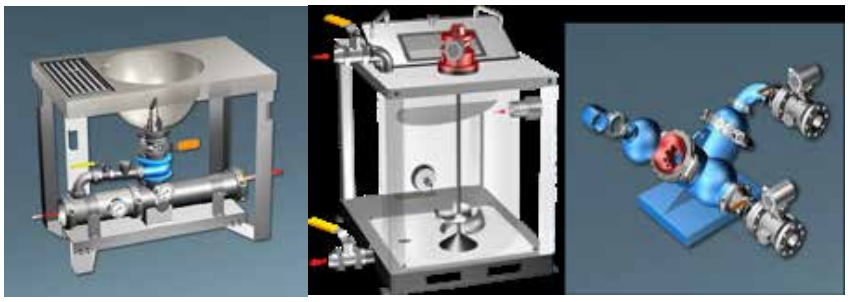
- Reduces overall drilling fluid and mud mixing costs by reducing mud mixing product loss through dust recovery and containment
- Patented Alfa Laval Vortex Shear-Mixer consistently outperforms other mud mixing systems – while delivering a more homogeneous and consistent drilling fluid
- Shear mixing combined with the dust containment capabilities, consistently reduce overall mud mixing cost – due to more complete hydration and shearing of the drilling fluid, while minimizing solids fallout

ALFA LAVAL VORTEX

Exclusive Distributor

Systems:

- Alfa Laval Vortex Shear-Mixer
- Alfa Laval Vortex DS Shear-Mixer
- Alfa Laval Vortex Mixing Head
- Alfa Laval Vortex V-Slide
- Alfa Laval Vortex HR
- Alfa Laval Vortex MOTF
- Alfa Laval Vortex Mixmate
- Alfa Laval Vortex Lobestar IME
- Alfa Laval Vortex Lobestar Hopper
- Alfa Laval Vortex LCM



Dust recovery

On average, up to 15% of bulk drilling fluid additives can be lost in the form of dust during transport, storage and mixing. The full suite of dust recovery systems help with the elimination of dust in the mud mixing process.

Advantages:

- Ensures a dust-free environment
- Safe, reliable and rapid speed mixing capabilities
- Eliminates mud additive loss
- Creates a clean and healthy work environment

Systems:

- Alfa Laval Vortex DFSM
- Alfa Laval Vortex DRS

Tank mixing and agitation

Drilling mud agitation is necessary for drilling mud maintenance, such as removing drilled solids. This ensures complete mixing, while maintaining a homogeneous fluid blend throughout the entire surface mud system. These tank mixing systems offer unique tank mixing eductors, as an alternative to the more traditional mechanical paddle agitators, which are large, require additional support structures, and can create dead spots in mud pits where settling can occur.

Advantages:

- Considerably lower in cost with a smaller footprint
- Low-pressure mud guns result in up to four times the total fluid movement and upward velocity in drilling mud pits
- Use as primary means of pit agitation or as a compliment to an existing mechanical agitator to eliminate dead spots
- Unique models available featuring mud agitation coupled with dynamic fluid shearing

Systems:

- Alfa Laval Vortex Radial Eductor
- Alfa Laval Vortex PS Radial Eductor

ALFA LAVAL VORTEX

Exclusive Distributor

Bulk storage and transport

The storage and pneumatic transport of bulk dry drilling product to and around offshore drilling rigs and large land drilling rigs is a necessity. The advanced conveying and bulk handling systems efficiently transport and store materials required to produce efficient drilling fluids.

Advantages:
- Improved productivity, providing time and safety benefits
- Rapid mixing of mud additives directly from bulk bags and storage silos
- Dust minimization
- Increase in bulk transfer rates

Bulk storage systems:

- Alfa Laval Vortex BBS
- Alfa Laval Vortex PD tanks and silos Transport systems
- Alfa Laval Vortex Bulk Booster
- Alfa Laval Vortex Booster Elbow AE

Advanced automation

Our automated controls deliver complete integrated solutions for the mud mixing process – controlled through fully automated systems, and configured to meet customer specifications. With a single-point of contact, the core automation team is available to ensure the consistent and efficient ease-of-use for operating personnel.

Full system automation improves the accuracy, precision and helps to reduce the operating costs of the mud mixing process. It ensures less exposure to chemicals and other hazards, as well as reduces human error. The automated controls also help to minimize chemical losses and optimize mud use for an improved working environment.

Extending performance with a trusted partner

Trusted around the world, oil and gas companies, drilling contractors, engineering and construction companies have counted on our drilling fluids mixing systems to outperform all others for many years. With the global strength and reach of Alfa Laval, these innovative systems are more robust than ever — providing even greater levels of service and quality support, experienced and knowledgeable sales resources, as well as a worldwide customer support network. We help to extend system performance, deliver maximum uptime and optimization, as well as offer a suite of innovative Performance Agreements and service solutions.

Safety

The innovative drilling fluids mixing systems set new standards, not only in mud mixing efficiency and productivity, but also in mud mixing safety. From the Front End Engineering Design (FEED), we continuously find new methods for mitigating potential risks on the rig – while making the system user-friendly and safe for operating personnel.

Knowledgeable sales force

Our sales force has the knowledge and experience to guarantee systems meet customer specifications and requirements – every time. Alfa Laval specialists are available to provide more information about our complete offering to advise on the optimal systems for your operations.

Service and quality

Support is available 24/7, 365 days a year for the full line of drilling fluids systems – delivering peace of mind around the clock. Dedicated staff will work closely with suppliers and customers throughout the entire system lifecycle – including supply, delivery and installation, as well as the maintenance and service of the equipment. Extending performance to help minimize operational, environmental and safety risks is our top priority.

WESTCO INTERNATIONAL

Exclusive Distributor

WESTCO International Consulting, Inc., was established in an effort to serve the growing demand for quality Well Servicing and Workover Equipment in North America, and is currently providing equipment and quality replacement parts to several other international markets. WESTCO International Consulting maintains a large inventory of equipment in its Ventura, California, warehouse and has the ability to ship all replacement parts ordered on a same day basis. As they are in the process of expanding their product line in order to meet the future needs of their customers, they are looking forward to your valuable suggestions so that they can assist in meeting your equipment needs.

The personnel at WESTCO International Consulting comprise over 100 years experience dealing in manufacturing, assembling, testing, quality assurance, and consulting programs. In addition, they have over 50 years of field and installation experience to ensure their valued customers that all materials supplied by WESTCO International Consulting will meet and exceed all current industry standards.

WESTCO Bucking Unit is a portable self-contained skid mounted hydraulically powered unit that is used to make-up or break-out 2-3/8" up to 7" tubular connections in a horizontal position and or tool assemblies.

Features:
- Traditional chain-driven design
- Oil Bath lubrication system
- Uses familiar 5 Jaw & Jaw Carrier gripping system
- Low maintenance
- Light Weight / Easy maintenance
- Portable
- API 7K Compliant

WESTCO Tongs

Tubing Tongs	Tubing Tongs	Closed Head Tongs
Model 4500 / 5500 / 5600	Model RS	Model 58-93R

Casing Tongs		Rod Tongs
Model 24-50	Model 16-25	Model M20 / M40 / M50 / M75

WESTCO INTERNATIONAL

Exclusive Distributor

WESTCO Spiders

Tubing Spider		Snubbing Spider
Model B / C / CHD	Model E	Model CHD

WESTCO Tubing Elevators	
65- & 100-Tonne Side Door	100-Tonne Center Latch

Electrical Power Unit	Diesel Power Unit
Model EPU-027	Model HPU-6914

RIG WORKS

Exclusive Distributor

The Manufacturer of New Well Servicing Rigs

Rig Works, Inc. is a progressive Texas based, locally owned company. With the most experienced personnel in the well servicing industry. We offer quality well-servicing rig repair and refurbish. By developing new technologies, we offer state of the art well-servicing rigs with new ideas, using a common sense approach and field proven components & concepts.

Rig Works, Inc features a unique design in well servicing drawworks. Safety, Longevity & Serviceability being key elements of our new design. Our Carriers, Masts & Drawworks are all new designs. All professionally engineered for a safe, trouble-free operation for many years.

Rig Works holds the following Licenses:

API-4F # 4F-0212
API-7K # 7K-0346
APR-QI 9th Ed #Q1-0938
ISO 9001:2015 # ISO-1143

Production distribution:
- New Rigs
- California Rig
- RSR Rig
- Refurbish and repairs
- Field Service
- Parts

Products:

- Patented Draw works 350, 400, 550, 600HD & California Rig
- Brake Rims, Hard overlay
- Rig Works Masts:
  - 72 - x 150,000 lbs.
  - 96 - x 220,000 lbs.
  - 104 - x 275,000 lbs.
  - 108 - x 275,000 lbs.
  - 112 - x 290,000 lbs.
  - 112 - x 350,000 lbs.
  - 140 - x 458,000 lbs.
  - 116 - x 290,000 lbs.
  - 116 - x 330,000 lbs.
- Crosby/McKissick Traveling Blocks & heaves
- Parmac Hydromatic Brakes
- Parker Hydraulic Cylinders

Rig Works, Inc. can retrofit its masts to many different manufacturers.

The Under-Rig-Floor Crane (URF-C) is a MULTI-PURPOSE LIFTING DEVICE which enhances any drilling rig package by offering multilateral control to reach into awkward places, thereby removing the necessity for human intervention.

Configuration

The cranes are a kingpost design with a powered slew. The two-piece boom luffs from an upper kingpost-mounted cantilevered heel pin and features an offset elbow to enable the boom sections to pass one another when folding for parking. It maneuvers through boom motions without having to adjust the hook position while reducing or increasing radius. The rated hook load remains constant throughout the geometric operating range of the crane. This compact configuration enables these cranes to work around obstacles. The cranes are entirely hydraulic with motions hydarulically proportionally controlled; no electric components are used.

Controls

The portable controls interconnected from the operator's console to the crane via a sheathed hydraulic umbilical. A load indicator is not fitted since the standard torque limiter on the drum acts to prevent overloading of the crane.

Models available:

- 7.5 kips Model
- 9.0 kips Model
- 14.0 kips Model

Under-Rig-Floor Crane

RBV ENERGY LTD.

Exclusive Distributor

RBV Energy Ltd, formerly known as RB Valvetech Ltd was founded in 2000 to be an ISO 9001 supplier of valves and subsea equipment to the oil and gas industry.

By adding an extensive stock of HP piping items to the already established valve product range and opening RBV Energy Branches in Worldwide locations to carry stock, provide local Sales & Service Support - we are now well positioned to supply an increased product range to all current energy, renewable energy, petrochemical and exploration and drilling sectors – onshore, offshore and subsea.

Since 2000, we have built up an impressive track record of supply, exporting to most oil and gas producing countries, building up an extensive client base which includes major oil and gas production companies, drilling contractors, shipyards, fabricators and OEM's.

Clients can expect the same high level of service that has been our benchmark, safe in the knowledge that we will supply their valve and piping requirements to the highest quality, on time at a competitive price. By opening branches and working with established partners, agents and distributors in key locations throughout the world enables us to support our clients locally in their own time zone.

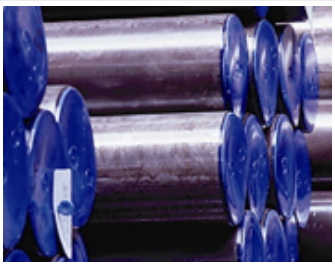
QA & Environment

An ISO 9001 quality assured company since 2001 as well as operating an environmental management system meeting ISO 14001. Part of the First Point quality assessment scheme registration number 10048694.

Products & Stock

All products and stocks are fully certified to recognized national and international standards:

- AISI 4130 and X52: pipe, BW fittings and pipe connectors
- API and ANSI valves, topside and subsea
- Actuated valves and control systems
- Skid mounted packages including production and drilling manifolds
- Special fabrications, pressure vessels, forged products and hose packages



Notes:
In Singapore, we mainly stock AISI 4130 and X52 pipes, BW fittings and pipe connectors at Energy Equipment Services' premises and have a substantial inventory to serve and support your immediate needs/requirements.

Commissioning & Service

We undertake and supervise commissioning, service & maintenance, re-certification of existing OEM equipment including valves, hoses, piping & etc. This includes upgrades and the supply of any necessary spare parts, non-destructive examination, pressure testing and internal camera inspection at the client site, offshore or in our own facilities in each of the geographical locations worldwide.

FLUID SYSTEMS, INC.

Authorized Distributor

Fluid System, Inc began operations in early 1979 doing development and engineering work on solids control equipment and mud handling systems used on drilling rigs. FSI's Corporate Charter was issued on June 16, 1981.

The company has been involved in furthering solids control technology for the oil and mining industries since its inception. The first equipment introduced by the company was a line of mud cleaners (hydrocyclones mounted over vibratory screening equipment) which incorporated the use of linear motion in their design.

Another area in which the company has done a substantial amount of pioneering work is in "Zero Discharge" projects in environmentally sensitive areas. The developmental work accomplished in this area has led to improved systems as well as cost reductions in the "Closed Loop" drilling environment.

FSI's product line covers an extensive list of applications from simple to sophisticated processes. The basic equipment produced serves standard applications, which are serviced by many of our competitors.

Equipment innovations include side-mounted vibrators, Wedgelok™ fasteners and pre-tensioned screen panels - all of which are being incorporated by the competitors today. Single, Dual, Triple, Quad and Five Panel units are available for varying process applications.

Introducing the FIRST Dynamic Control Shaker

This patent-pending technology has been developed to increase solids control performance in drilling mud, waste management and fine screening systems. Two variable-speed motors in a new configuration creates Linear or Balanced Elliptical motion at all points on the shaker basket maximising the solids conveying, liquid throughput and reducing the fluid retention on cuttings the solids or screened material.

Other Shale Shaker's model
- Series 500 B
- Series 5000 B
- Series 5000 B CD (Cutting Dryer)
- Series 5000 B BSBS

Other Shale Shaker's model
- Series 500 B (Balanced Linear Motion)
- Series 5000 BLE
- Series 5000 B (Low Profile)
- Series 50 B

Shale Shakers

Prodigy NextGen	Series 500B	Series BLE

FLUID SYSTEMS, INC.

Authorized Distributor

Mud Cleaners

Series gMAX™ The Eliminator

The gMAX™ Super Cyclone is an entirely new Krebs Cyclone-re-engineered from apex to vortex finder. The gMAX™ Super Cyclone has the capability to produce finer and sharper particle separations, using large, high capacity cyclones. This performance level was formerly only achievable using many small diameter cyclones, at a much higher capital cost.

gMAX™ Super Cyclone design includes new modern apex and cone design that feature performance enhancing benefits as well as one inch thick elastomer for increased wear life. The cyclone inlet and cylindrical sections have been modified to minimise turbulence and wear, but still have the capability to operate at much higher capacities than our competitor's cyclones.

Series 5000 B DHC

Mud Cleaner Unit: The "3 in 1" mud cleaner consists of a Balanced Linear Motion Series 5000B4X with 34.0 sq.ft. of screening area, desander unit and desilter unit.

Desander Unit: The FSI DSR unit has been designed to remove all drill solids larger than 45 microns from the drilling mud. Each hydrocylcone will process mud at a rate of 500 GPM per cone, regardless of mud weight. The DSR unit is able to process this high volume regardless of mud weight, therefore, it is not necessary to reduce the volume handling capacity the unit as the volume increases. The 10" desander cyclone is a low cost, lightweight, moulded urethane providing excellent wear life with maximum economy and ease of handling.

Desilter Unit: Each cone has 100 GPM [378.5 lpm] @ 40 PSI (2.8 kg/cm.sq.) capacities. Up to 20 cones per header depending on the required capacity.

UltraVak Degasser
500, 1000 & 1200 GPM

FSI degassers are rugged vacuum unit designed to safely and efficiently remove 99.9% of entrained air and gasses such as methane, H^2S and CO^2 from drilling fluids. Designed for the rigours of field use, the unit features a 7.5HP, 50 or 60Hz industrial-grade TEXP motor rated for continuous operation, which powers an Ingersoll-Rand vacuum pump. A push-button starter gives operators fingertip control. This self-contained, skid mounted supplies up to 29" Hg of vacuum to efficiently handle high-viscosity fluids.

Atmospheric Degasser

The FSI Atmospheric Degasser is a compact, cost effective solution for removing entrained gasses from drilling fluid. Mud (drilling fluid) is pumped from the bottom of the pit by the unit's powerful 10 HP TEXP motor and piped to an elevated separation tank. A baffle plate in the tank sprays a sheet of high-pressure drilling fluid against the tank wall. This sheeting action and impact allow entrained gasses to escape to a vent pipe for disposal while degassed fluid flows downstream through a discharge. The unit processes fluid to within 16 PPG at up to 600 GPM.

FLUID SYSTEMS, INC.

Authorized Distributor

Hydroclones

Stand-Alone 10” Desander Unit	10” High Capacity Desander Cone
Stand-Alone 4” Desilter Unit	4” High Capacity Desilter Unit

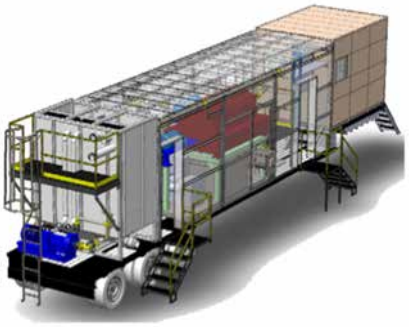
Agitators

5HP to 30HP Vertical & Horizontal Mixing Agitators

Centrifuges

14”, 18” & 21” Decanting Centrifuges

Centrifugal Pumps

4 x 3, 5 x 4, 6 x 5 & 8 x 6 Horizontal & Overhead	Mixing Equipment Round Venturi Style Mud Hopper
	
State of the Art Mud System (SAM Systems)	Self Contained Portable Dewatering System

SIOUX CORPORATION

Authorized Distributor

Sioux Corporation is the leading designer and manufacturer of application-specific, industrial cleaning equipment, specialty water heating system, steam generators and related custom equipment.

Since 1939, Sioux Corporation has been helping customers in a wide range of industries solve challenging problems by engineering and manufacturing innovative, application-specific equipment. Proven durability and reliability make Sioux the best value for long-term demanding applications. They have been providing innovative, heavy-duty equipment for over 70 years, and they will be here tomorrow to assist you with the right equipment for your growing organization.

All-Electric High Pressure Hot Water Washer - Explosion Proof	All-Electric High Pressure Hot Water Washer	All-Electric High Pressure Cold Water Washer

Engine Driven High Pressure Hot Water Washer	Engine Driven High Pressure Hot Water Washer with Optional Water Tank and Trailer

Dakota Series Model H4D2750 High Pressure Hot Water Washer	Dakota II Series Model S1.5D250 Steam Cleaner	Steam-Flo Steam Generator Model SF-20

Steam-Flo Steam Generator Model SF-11	Steam-Flo Steam Generator - Self-Contained Model SF-11

Models:

- All-Electric High Pressure Hot Water Washer/Steam Cleaner
- Dakota II Series
- Water Heater
- Water Chiller
- Steam-Flo Steam Generator
- Solution Heater
- Explosion-proof options available

KEMPER VALVE & FITTINGS

Authorized Distributor

Kemper Valve & Fittings Corp. has been manufacturing and selling high quality pressure pipe unions and related oilfiled fluid control products in the United States since 1965. 100% certified and manufactured in the USA.

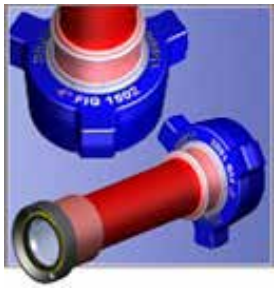
- Oilfield Hammer Unions
- Integral Fittings - Flow Line / Manifold
- Pup Joints
- Swivel Joints - Code Red / Silver
- Hose Loops
- Plug Valves
- Check Pressure Relief and Rapture Disc Valves
- Manifold Trailer and Dual Choke Manifolds
- Wyes and Chokes
- Union Bull, Crossover, Swages and Crosses

Unions

Swivel Joints

Hose Loops

Union Crossover



Pup Joints

T3 VALVES

Exclusive Distributor

T3 Pressure Control Equipment/Valves is under one of NOV Mission's products and it consists of Annular and Ram Type Blow Out Preventers, Production and Drilling Chokes, Control Valves and API 6A and 6D Gate Valves, including of Manifolds, Spools, DSA's, Studded Tees and Crosses, Flanges and Specialty items.

Featured Valves

T3 FC Valve	T3 HPT™ Valve	T3 Mud Valve
Available Sizes: 2 1/6" - 4 1/16"	Available Sizes: 1 13/16" - 11"	Available Sizes: 2", 3" and 5"
Available Pressure: 5,000 PSI WP - 15,000 PSI WP	Available Pressure: 5,000 PSI WP - 20,000 PSI WP	Available Pressure: 7,500 PSI WP

T3 Reset Relief Valve	T3 Subsea Production Applications - Manual & Hydraulic With Linear Override	T3 Torque Reduction Manual Operator (TRMO)
Available Size: 3" Orife Size	Available Sizes: 3 1/16", 4 1/16 & 6 5/8"	Available Sizes: 4 1/16" - 11"
Available Pressure: 5,000 PSI WP - 10,000 PSI WP	Available Pressure: 5,000 PSI WP - 20,000 PSI WP	Available Pressure: 10,000 PSI WP - 20,000 PSI WP

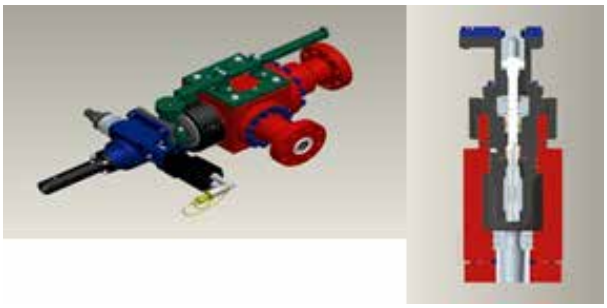
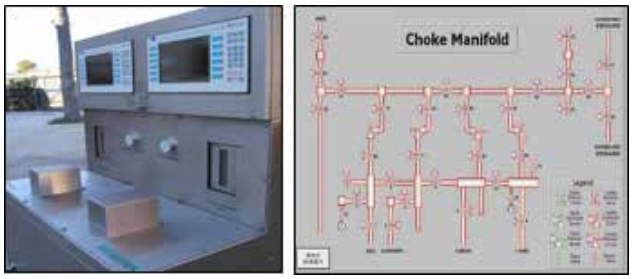
Featured Actuators

T3 Hydraulic Double Actuating Actuator	T3 Fail Safe Actuator
Available Sizes: 2 1/16" - 11"	Available Sizes: 2 1/16" - 9"
Available Pressure: 5,000 PSI WP - 20,000 PSI WP	Available Pressure: 5,000 PSI WP - 20,000 PSI WP

T3 VALVES

Authorized Distributor

Featured Drilling Choke and Controls

	
T3 HXE G2 Choke	T3 HEC (High End Controls)
Available Sizes: 2 1/16”, 2 9/16”. 3” and 4”	Product Adaptation: Drilling Chokes, BOPs, Choke Manifold, Hydraulic Relief Valves and Gate Valves
Available Pressure: 5,000 PSI WP - 20,000 PSI WP	Available Designs: Designed and tested per customer specifications
Orifice Sizes: 1 1/2”, 2” and 3”	

Featured Manifolds

T3 Choke & Kill Manifolds	T3 Underbalanced / MPD Manifolds	T3 Flowback Manifolds
Available Sizes: 2 1/16”, 2 9/16”, 3” and 4”		
Available Pressure: 5,000 PSI WP - 20,000 PSI WP		
Orifice Sizes: 1 1/2”, 2” and 3”		

Our Manufacturer Reference List

Exclusive Sales & Service Agent

CAD Control Systems

1017 Freeman Road, Broussard, LA 70518, USA
Tel.: +1 (337) 369 3737
Fax: +1 (337) 369 3724

Hawk Industries, Inc.

1245 East 23rd Street, Signal Hill, CA 90755, USA
Tel.: +1 (562) 424 0709
Fax: +1 (562) 490 9959

Clearflow Solutions, LLC

324 Industrial Parkway, Lafayette, Louisiana 70508, USA
Tel.: +1 (281) 796 9989
Fax: +1 (337) 504 3347

Exclusive Distributor

Subdrill Supply Ltd.

Endeavor Drive, Arnhall Business Park, Westhill, Aberdeenshire, AB32 6UF, Scotland, UK
Tel: +44 (0) 1224 724600
Fax: +44 (0) 1224 744499

Alfa Laval Vortex

10470 Deer Trail Drive, Houston, TX 77038 , USA
Tel.: +1 (713) 869-2593

Westco International Consulting, Inc.

1360 N. Olive Street, Ventura, CA 93001, USA
Tel.: +1 (805) 648 5004
Fax: +1 (805) 648 5018

Rig Works

2310 Steven Road, Odessa, TX 79762, USA
Tel: +1 (432) 366-4501

Oceanlifting

P.O. Box 146, Pacific Palms, 2428, NSW, Australia
Tel.: +61 (04) 8858 0748

RBV Energy Ltd.

Centurion House New York Way
New York Industrial Park Newcastle upon Tyne NE27 0QF UK
Tel.: +44 (0) 191 257 4058

Authorized Distributor

Fluid System, Inc.

16619 Aldine Westfield Road, Houston, TX 77032, USA
Tel.: +1 (832) 467 9898
Fax: +1 (832) 467 9897

Sioux Corporation

One Sioux Plaza, Beresford, SD 57004, USA
Tel.: +1 (605) 763 3333
Fax: +1 (605) 763 3334

Kemper Valve & Fittings

3001 Darrell Road, Island Lake, IL 60042, USA

Tel.: +1 (847) 526 2166

Fax: +1 (847) 526 2241

T3 Valves

7135 Ardmore Road, Houston, TX 77054, USA

Tel.: +1 (713) 996 4110

Fax: +1 (713) 440 3210

Stockist

Aeroquip	Hoses and Fittings
Alemite	High Pressure Grease Guns, Fitting & Transfer Lubrication Pumps
Aqua-Lube	Lubricant
Aurand	Pneumatic Deck Scaler (Rust Removing Tool)
Binks	Industrial Spray Gun & Pump
Demco	Gate Valves 5K & 7.5K PSI WP & Spares and Butterfly Valves & Spares
Dixon	Whip Check Safety Cable, Hose Coupling & Fittings
Dolphin	40ft³ Trash Compactor & Trash Bags
Guardair	Syphon Spray Gun
Lewis	Snake Grip (LSG & LSG-X)
Lufkin	Oil Gauging (Derrick & Sounging) tapes and measuring tapes
Master	Set Screw Set
Morse Starrett	Pell Hydrashear Wire Rope Cutter
Oklahoma Rig Supply	Binks Engine Gun, Corn Broom with Handle, Dope Brush, Deck Brushes, Horse Hair Broom, Guard Air Spray Gun, Lewis Snake and Cable Connector, Lufkin Derrick Tapes & Sounding Tapes, Mop Buckets, Mounted Mop with Handle, Sash Cord, Scarpers, Squeeze c/w Taper Handle, Titian Gearench Chain Tong Complete & Spares
Orbinox	Knife Valve
Titan	Gearench Chain Tong & Spares
Victaulic	Coupling & Butterfly Valves
Wilden Pump	Air Operated Diaphragm Pump & Spares
Windlass	Hammer Unions, Swivel Joints & Integral Fittings

Other Products

Actuators	Electric, Pneumatic & Hydraulic
Brown & Sharpe	Control Pump
Cotton Rags	Sew and unsewn
Chain Hoists	Elephant, Yale, Kito, Vital
Crosby	Chain, Shackles, Hooks, Swivels & McKissick Block and Turnbuckles
Copperstate	Cementing & Rotary Hoses
Dresser	Sleeve Coupling
Evertite	Hose Couplings
Fenders	Foam & Pneumatic Rubber
Gasket	RTJ Ring Gasket SS / LCS
Green Pin	Shackles, Thimbles, Wirerope Clips, Sleeves, Sockets, Turnbuckle Links, Swivels & Hooks
Gratings	Steel & Fiberglass
Hand Tools	Bahco, Eclipse, Elora, Irwin, Proto, Ridgid, Stanley, Stahlwillei
Hoses	Low Pressure Multi Purpose, Cement, Suction & Discharge, Spiral & Rotary
Hydraulic	Hydraulic Hoses, Fittings & High Pressure Regulators
Jet Lube	Lubricant - EP2, U-turn Gasket
Logan Oil	Fishing Tools
Lifting Gears	Wire rope, Chain, Webbing Slings & Chain Block & Lever Hoist
Lubricants	CRC, Devcon, Dow Corning, Gojo Hand Cleaner, Jet Lube, Kolor Kut, Lubriplate, WD40
Marine Safety	Cargo & Helideck Nets, Pilot & Jacob Ladder & Scupper Plug
Material Handling	Drum Lifter, Hoists, Plate Lifting Clamp, Pallet Truck, Rope Puller, Stacker, Trolley
Parker	Hydraulic Hoses & Fittings
Pipes	API - Seamless & Welded, Black, Copper, Galvanized * SBDC
Pipe Fittings	Elbow, Tee, Conc. Reducer, Flanges - WN/SO/Blind (BW, NPT, SW & SBDC)
Ropes	Mooring & Steel Wire Ropes
Synthetic Ropes	Manila, Propylene, Nylon
Structural Steel	Angle / Flat / Hollow Section / Channel / I-beam and Plates

Tools (Power)	Black & Decker, Bosch, Chicago, Dewalt, Hitachi, Ingersoll Rand, Makita, Toku
Valves	Ball, Butterfly, Check, Gate, Globe, Knife, Needle, Plug, Safety Relief
Wabco	Pneumatic Control Valves
Welding	Electride, Cutting Torches, Welding Machines, Ovens, Soapstones and Markers
Wika	Pressure Gauges, Thermometer & Transmitter

Additional Services

We / our Associate API Machine Shop and Engineering Workshop can provide oilfield equipment Service, Repair and Manufacturing:

- Service and Repair of our Manufacturers' Equipment and Handling Tools i.e. NOV T3 Valves & HawkJaw Units
- Fabrication of Winches, HPU, Pig Launches & Receiver, Pipe Bends 3D, 5D and other Engineering Work
- Our Associate API Machine Shop holds API Monogram licenses together with a quality system certified to ISO 9001-2000.

Manufacture and Repair under API specification as follows:

1. API 5CT – Casing and Tubing
2. API 6A – Well Head, Christmas Tree Equipment
3. API 7 – Rotary Drill Stem Elements
4. API 16A – Drill Through Equipment, Drilling Spools, Adapter, etc

*Third Party Inspection like ABS, BV, Lloyds or DNV can be arranged

Our Customer Reference List

Aban Offshore
Borr Drilling
Chevron
COSL Drilling
Diamond Offshore
Energy Drilling
ENSCO
Sembcorp Marine @ Jurong Yard
Keppel FELS Ltd
Maersk Drilling
Noble Drilling
Perisai Drilling
Petronas
PetroVietnam Drilling
Sembcorp Marine @ Pandan Yard
PT Apexindo
PT Pumpindo
Rowandrill
Sapura Energy
Seadrill
Sembcorp Marine @ Admiralty Yard
Shelf Drilling
Transocean
Velesto Drilling
Vantage Drilling
and many others...

Energy Equipment Services Pte. Ltd.

11 Pandan Road, Singapore 609259 Tel: +65 6266 8786 Fax: +65 6266 8780 Email: general@eesvc.com.sg