



EI-TECH

COMPANY PROFILE

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Who are we?

EI-TECH is a technology driven company that actively serve the Oil & Gas sector as an independent specialty company. We feature a full line of high quality, proprietary technologies. These technologies are designed to save significant time, expenses and provide optimum results to our clients.

Our ability to adopt the engineering expertise developed for a specific market to related problems in other regions and sectors, puts us ahead of the competition in meeting customer needs.

EI-TECH has the comprehensive skills set to meet a broad spectrum of customers and process demands. Backed by the engineering and logistical strength.

Visions:

EI-TECH through its various partnerships has been providing oil field related solutions, with the main focus on providing specialized solutions that are in principle, environmentally friendly, technically sound and cost effective.

In recent years, EI-TECH has developed strategic alignments with foreign companies to provide even more unique and pioneering solutions to both the upstream and downstream energy sector for Saudi Arabia.



EI-TECH Team:

We have a professional team of highly qualified experts in the Oil field. The strength of our team is derived from its diverse experience, including R&D. Our leadership structure offers a dynamic atmosphere in which talented, creative & motivated people thrive. We don't just acknowledge hard-work & achievements but reward & groom it.

We have an experienced team of ambitious, vibrant, young professionals who keep searching for the latest development in technology.

Our team's passion is to take on challenges and deliver to client expectations.



EI-TECH QHSE:

EI-TECH upholds its role as a responsible corporate committed to the cause of Quality, Health, Safety and Environment ("QHSE") for the interest and protection of employees, society and the environment. EI-TECH recognizes the importance of working closely with our customers, contractors and employees to achieve the best possible QHSE record.

QHSE considerations will always remain a top priority in the planning and development of our products, services and processes. We continue to apply Total Quality Management and Continuous Improvement principles to the deliver excellence in QHSE performance for all jobs.



EI-TECH Divisions:

➤ Downhole Tools and New Technologies Division:

- Downhole Tools:

EI-TECH Downhole Tool & New Technologies Division offers a flexible portfolio of high-quality, technically based downhole tools and new technologies solutions tailored to specific customer requirements and delivered by specialist engineers and project managers.

- ❖ Bi-Directional Typhoon Reamer™



Bi-Directional Typhoon Reamer™ is a patented technology, The Typhoon is designed to ream out sections of high frequency wellbore spiraling, sections of parallel misalignment, key seats, and dogleg tortuosity. The reamer does this by combining optimized placement of cutting structure and hole cleaning with a rotational reaming capability. The reamer body incorporates two sets of cutting structures into two integral blade stabilizers, one oriented in the downhole and the other oriented in the uphole direction. Polycrystalline diamond cutters (PDC) are brazed into a replaceable wedge block located in the ends of each of the stabilizer blades which provide 3 times the coverage of competitor reamers per revolution. The Typhoon is the industry's only reaming while drilling tool that addresses this problem. With Left- and Right-Hand Blade wrapping, the Typhoon provides 360° of wellbore coverage no matter the RPM and ROP. It has built in hole cleaning capabilities. These unique body features encourage improved debris management while conditioning the wellbore. The Typhoon Reamer™ has PDC cutters placed to. Other reamers provide less wall contact at higher ROPs and limited RPM of the drill string. Typhoon provides a complete and proportionate coverage to ensure the wellbore is properly conditioned, dog legs are reduced and spiraling is eliminated.

FEATURES & BENEFITS:

- The two integral blade stabilizers have a combination left hand/right hand blade wrapping to provide 360° support around the circumference of the reamer and provides low torque characteristics.
- Cuttings Agitation and Flow Accelerator: Between the two stabilizers, an impeller and a contoured 'bulb' (flow accelerator) agitate cuttings on the low side of the borehole to mix the cuttings in with the drilling mud which aids in hole cleaning and cuttings mobilization.
- Cutting Structure: Fixed cutters with no moving parts or bearings mean that there is less risk in having a downhole failure.
- Optimized Stabilizer Blade Diameter and Length: The outer diameter of the stabilizer blade and the distance between the uphole and downhole PDC cutters was specifically chosen to match the dimensions of a packer element; demonstrating that the reamer will go through the hole proves that there will be less problems running the packer into the same hole.

❖ Cuttings Bed Mobilizer™

Cuttings Bed Mobilizer™ is a patented technology which is designed for maximum performance and easy handling in horizontal or deviated wells, the Cuttings Bed Mobilizer™ is useful in reducing torque and drag problems by removing cuttings resting on the low side of the wellbore, while strategic placement of clusterite and stabilizer orientation are tailored and built into the tool to assist in reaming operations. Reduction of the ECD (equivalent circulating density) by keeping the wellbore clear of cuttings is one of the major benefits of using the Cuttings Bed Mobilizer™.

FEATURES & BENEFITS:

- Short Overall Length: Designed for easy rig floor handling and more cost-effective manufacturing and transportation.
- Conventional Right-Hand Wrapped Stabilizer: Full 360° support minimizes wear to the major diameter of the tool joint and rotor blades.
- Combination Left/Right-Hand Wrapped Stabilizer: Assists in hole cleaning and moving cuttings and debris during back-reaming operations.
- Clusterite Covered Leading Edges: Aggressive stabilizer edges break up large hole debris and cuttings but will not affect hole gauge.
- Cuttings Agitation: Rotor blades lift cuttings off of the low side of the borehole and auger them into the mud flow.



**CUTTINGS
MOBILIZER**

❖ Anvil Drilling Jar™

The Anvil Drilling Jar™ is installed in any drill string to provide means to unstick a drill string should it become wedged into the formation. The increased stroke length of the Anvil provides operators with a larger impact than other available jars. The bi-directional jar action gives the operator the ability to fire the jar in the uphole or downhole directions. Accidental firing of the jar is prevented by a mechanical latch that holds the internal mandrel in place during tripping and drilling operations.

FEATURES & BENEFITS:

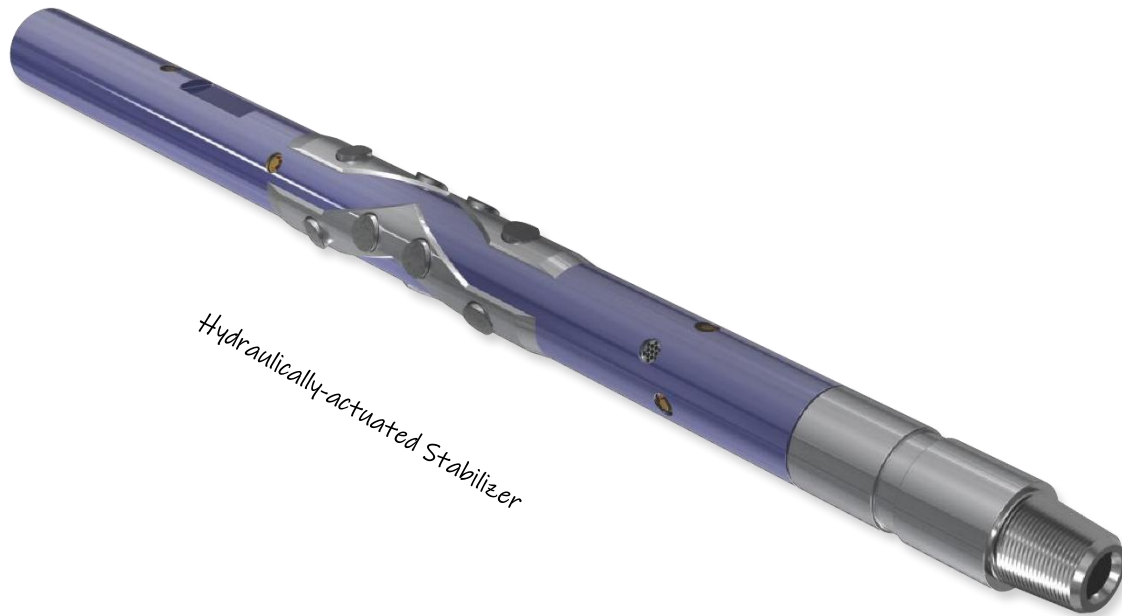
- Simple operation with hydraulic delay upstroke and mechanical downstroke.
- Internal Lee Visco Jet metering valve provides reliable and repeatable hydraulic delay that is temperature independent providing consistent timing even during repeated firing.
- Large through bore for high flow rates and MWD sonde retrieval.
- Can be used in directional, horizontal and extended reach wells.
- Robust internal mechanical latch prevents accidental firing.
- One of the longest strokes available in the industry allows the operator to deliver massive jar impacts to unstick the pipe preventing costly loss of time or equipment.



Hydromechanical Drilling Jar



❖ **VersaStabe Jr.™ - Downhole Adjustable Stabilizer**



The VersaStabe Jr.™ is a downhole, hydraulically-actuated patented stabilizer. Designed for use in a 2D directional drilling application to help control the inclination in an extended reach or horizontal well, the VersaStabe Jr.™ can be utilized in a conventional rotary bottom hole assembly, or positioned above or below a steerable motor. The gauge diameter of the stabilizer is controlled remotely by the pumps on surface.

The unique blade geometry of the VersaStabe Jr.™ makes it the only downhole adjustable stabilizer that combines ease of sliding when run above a motor, with improved cuttings transport when rotating. The VersaStabe Jr.™ is a shorter but equally robust version of the VersaStabe™.

FEATURES & BENEFITS:

- Provides 2D steering control in a conventional drilling application with low operating cost.
- Carbide hard facing and diamond coating on blades and pistons provide long wear life and reduced operating costs.
- Unique blade profile aids in hole cleaning while rotating and allows for easy sliding.
- Tool is operated by cycling the rig pumps. Standpipe pressure indicates piston position resulting simple operation.



❖ **Safety Joint™ - Drill String Disengagement Tool :**

Designed to provide easy release whenever disengagement becomes necessary, the Safety Joint™ will transmit torque in the right-hand direction but will back-off and disengage when required to release from stuck downhole string assemblies.

FEATURES & BENEFITS:

- Quickly and reliably disconnect the drill string through left-hand drill pipe rotation.
- Safely remove valuable equipment or equipment that prevents wireline fishing of MWD.
- No special handling requirements.
- Safety Joint can be configured to operate with any available drill-pipe thread including exotic dual-shouldered connections.



- New Technologies:

- ❖ Intelligent H2S Treatment System Division:

INTRODUCTION

Our Intelligent H₂S Treatment system is an AUTOMATED, CLOSED LOOP AND MOBILE flow back fluid treatment system. It ensures zero H₂S (hydrogen sulphide) is discharged on surface. By mitigating H₂S on surface, personnel are not at risk due to process upsets and the fluid can be stored safely.

The System optimizes chemical treatment and safeguards against H₂S fluctuations by real time automated sampling and testing and instantaneous feedback to the dosing pumps. It also reduces residence time for the chemicals to condition the fluid.

This H₂S treatment system can also condition the fluid by:

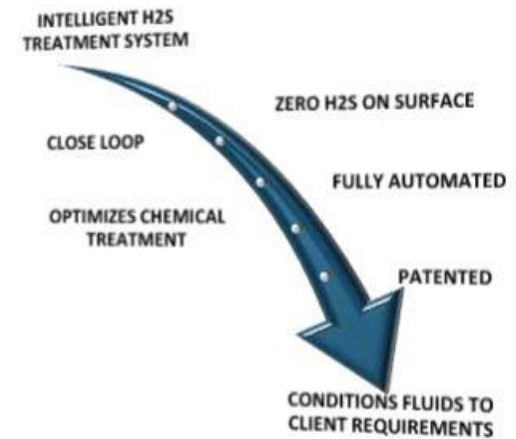
1. Viscosity Reduction
2. Breaking of Emulsions
3. Fluid Neutralization
4. Gas Hydrate Treatment

The fluid conditioning is done as per client requirement.

BACKGROUND

The solution was developed for safe storage of sour fluids on surface and for transportation to facility if required.

- | | |
|---|-------------|
| 1. Hydrogen Sulphide (H ₂ S) Content | : 02 – 30%. |
| 2. Crude Oil API | : 17 – 30 |
| 3. Gas Oil Ratio | : 100 - 500 |
| 4. Basic Sediment & Water Content | : 10% - 50% |



SAFETY AND ENVIRONMENTAL CHALLENGES

1. Risk of Hydrogen Sulphide Release if flame out occurs or during upset conditions.

Hydrogen Sulphide Gas is highly toxic

Can be life threatening for personnel in the near vicinity (within 100 ppm range)

Drilling and Testing of wells is taking place simultaneously in the nearby locations and Construction Projects are also downstream of the Well locations. Therefore, there are hundreds of workers in the region.

2. Risk of Oil spills if flame out occurs or during upset conditions
 - a. Oil Spills have a major impact on the marine and shore ecology
3. Flame out can occur because of high viscosity of the Oil and/or the Water emulsions Content present in the Flared Fluid.

OBJECTIVES

1. Scavenge dissolved H₂S to less than 10 ppm in the heavy oil at surface to mitigate risk of exposure
2. Remove H₂S in produced gases to minimal levels
3. Condition oil for efficient, controlled flaring by reducing its viscosity and removing free water.

KEY FEATURES

Key features of the system are:

1. The System consists of chemical techniques to minimize equipment and ensure the process equipment is mobile. An innovative, new oil-soluble H₂S Scavenger is used based on its excellent performance. The product was designed on a molecular level.
2. It is fully automated. The whole process is monitored and controlled from a Control Cabin.
 - The Operator is working from a Safe Area and is not subject to exposure risks present outside.
 - Tank Levels and Oil/Water Interface are monitored from the Cabin
 - The Chemical Injection Pumps and Valves on tanks can be shut down from the Control Cabin in case of Upset Conditions.

3. It optimizes Chemical Treatment
 - Real time feedback from the H₂S Sensors to the PLC controls the rate of chemicals injected by the Programmable Pumps, thus optimizing chemical usage and reducing chemical costs in the long term.
 - Optimization is done automatically by the system. It is therefore Intelligent.
4. The System houses all the sensor probes and ensures efficient fluid homogenization and enhanced chemical performance.
 - Scavenging of H₂S and Viscosity Reduction of Oil take place with reduced treatment time.
 - The Sensors Optimize Chemical Treatment.
5. The Secondary Separators, (fitted with Interface Level Gauges, Recirculation loop and a programmable pump) provide:
 - Residence time for Separation of free water
 - Testing of Crude Oil to ensure it has been conditioned for ideal flaring
 - Storage for Upset Conditions.
6. The Gas Scrubbers strip H₂S from the both the separator and bulk storage tank gas lines. Gas scrubbers are available for working pressures from 150psig to 1200psig

APPLICABLE DESIGN STANDARDS & TECHNICAL SPECIFICATION OF EQUIPMENT

The Table below highlights the applicable design standards for the major components of the system and their design pressure

Table 1 Design Standards and Pressure Rating

SR.	DESCRIPTION	APPLICABLE DESIGN STANDARDS	DESIGN PRESSURE (PSIG)
1	Homogenization Unit	NACE MR-0175, ASME B31.3	1200
2	Secondary Separators	NACE MR-0175, ASME Section VIII Div. 1	85
3	Bulk Storage Tank	NACE MR-0175	30
4	Gas Scrubber	NACE MR-0175, ASME Section VIII Div. 1	1200
5	Piping	NACE MR-0175, ASME B31.3	1000
6	Gas Scrubber	NACE MR-0175, ASME Section VIII Div. 1	150

CASE STUDIES

CASE STUDY #1

XXX 1 has been flowed for eight days, with a total volume of 3,829 barrels of flow back fluids treated.

H₂S TREATMENT

Hydrogen Sulphide values recorded over the flow back duration was between 5% and 7%.

TOTAL VOLUME FLOWED (BARRELS)	AVERAGE H ₂ S % (BEFORE)	H ₂ S % (AFTER)
495	5	0
375	5	0
400	5	0
410	5	0
420	7	0
750	7	0
849	6	0
130	6	0

Table 2 H₂S Treatment

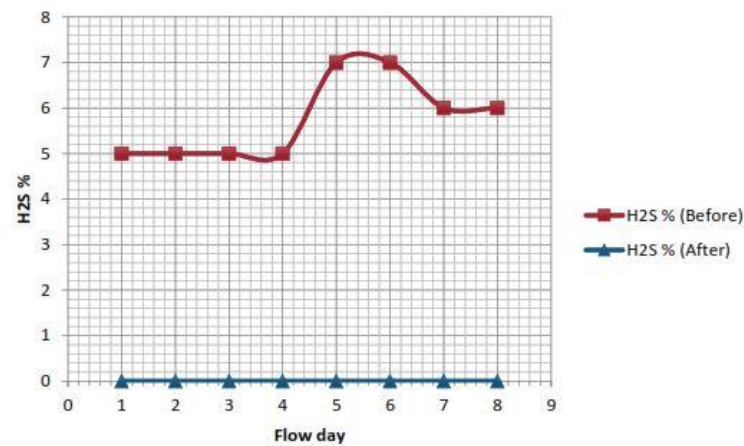


Figure 1 H₂S Treatment

EMULSIONS TREATMENT

Initial Basic Sediment and Water (BS&W) values were consistently around 40%. This value was very high and the emulsions required intensive treatment.

FLOW DAY	TOTAL VOLUME FLOWED (BARRELS)	BS&W % (BEFORE)	BS&W % (AFTER)
1	495	40	3
2	375	40	1
3	400	40	1
4	410	40	1
5	420	4	0
6	750	4	0
7	849	3	0
8	130	3	0

Table 3 Emulsions Treatment

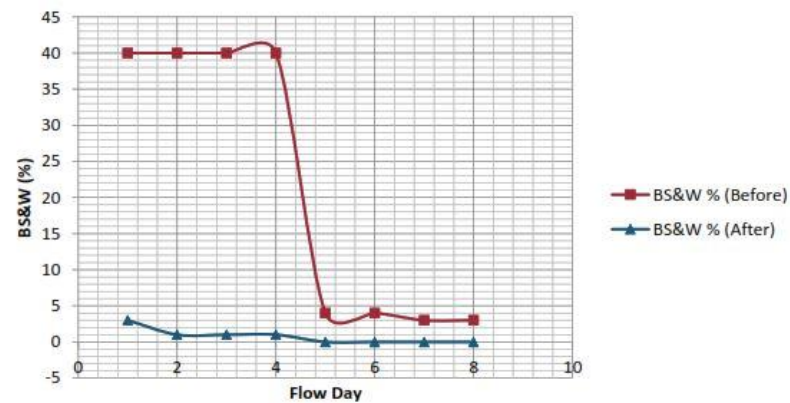


Figure 2 Emulsions Treatment. CASE HISTORY 2 – XXX 2

CASE STUDY #2

XXX 2 has been flowed for seven days, with a total volume of approx. 6,338 barrels of flow backfluids treated.

H₂S TREATMENT

Hydrogen Sulphide values recorded over the flow back duration was between 5% and 10%.

FLOW DAY	TOTAL VOLUME FLOWED (BBL)	H₂S % (BEFORE)	H₂S % (AFTER)
1	627	5	0
2	757	10	0
3	800	10	0
4	1654	10	0
5	1300	10	0
6	550	10	0
7	650	10	0

Table 4 H₂S Treatment

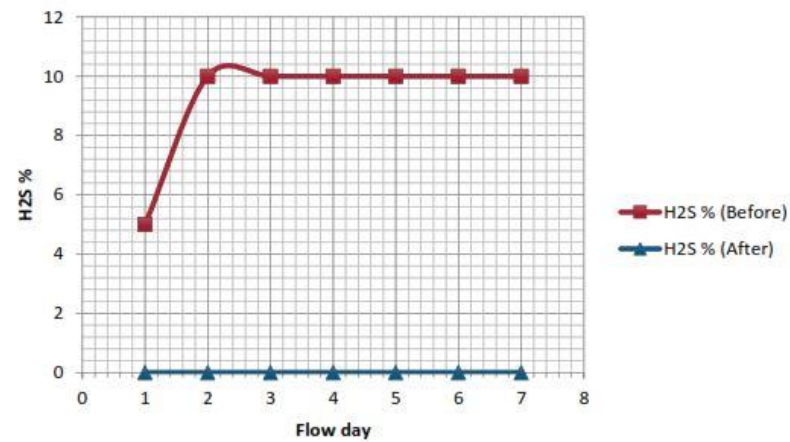


Figure 3 H₂S Treatment

EMULSIONS TREATMENT

Initial Basic Sediment and Water (BS&W) values were as high as 80%, and later fluctuated around 25%. Emulsions received after stimulation were tighter and required additional treatment.

FLOW DAY	TOTAL VOLUME FLOWED (BARRELS)	BS&W % (BEFORE)	BS&W % (AFTER)
1	627	80	1
2	757	40	2
3	800	8	2
4	1654	20	2
5	1300	30	2
6	550	15	2
7	650	24	1

Table 5 Emulsions Treatment

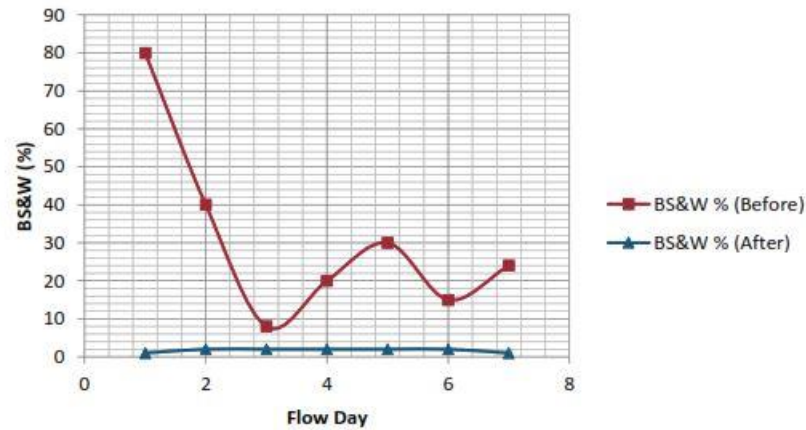


Figure 4 Emulsions Treatment

BENEFITS

1. Mitigation of H₂S in the flow back effluent. This allows safe storage of crude oil on surface.
2. Oil viscosity optimum for efficient flaring
3. Residence time for chemical treatments reduced significantly
4. Chemical Treatment Volumes are optimized by real time readings and instantaneous feedback loop to Injection Pumps
5. Treatment System safeguards against H₂S and Viscosity fluctuations by automatically adjusting injection rates
6. Free water to be removed prior to flaring
7. Bulk Storage Tanks provide reservoir of crude oil that is then flared at a controlled rate
8. Bulk Storage Tanks also provide storage for emergency shutdowns.

❖ **Solid Management And Detection System (SMAD):**

The physical measurements of the solids flow rate is crucial in determining when I have to terminate the clean-up process or when I have to start installing the ESP..etc, So we introduce this technology which gives you accurate readings for solids flow rate. We have two systems:

1. Sand Alert portable system: clamped system, gives accurate readings for the solids flow rate in terms of Impact Per Second (IPS).
2. Full Assembly system: in addition to measuring the solids flow rate, it gives you accurate and instance reading for the Erosion and Corrosion rates up to 45 nm.

Those two systems can be temporary during the clean-up operation or permanent during production.



➤ **Rental Solutions Division:**



BULK LIQUID STORAGE TANK

A 450 bbl horizontal tank that can be used for bulk storage or gravity separation of fluids at atmospheric conditions.

Purpose:

- Can be used for Storage for stagnant or in process operational fluids
- Chemicals, Hydrocarbon fluids, Water
- Controlled rate of oil to flare
- Storage for Upset Conditions
- Can be used for 3 phase separation.

Features:

- Capacity: 450 bbl.
- Pressure rating: Atmospheric
- Data acquisition
- Interface Level sensor w/display
- Secondary magnetic level sensor
- Pressure sensor
- 3"/4" 150# flanged inlet
- 3"/4" 150# flanged outlet
- 4" 150# flanged PRV outlet
- 4" 150# flanged vent outlet
- 4" 150# drain outlets



Dimension:

- 14.5 x 2.5 x 3.3 mtr

Weight:

- 12 Tons (EMPTY)

PROCESS TANK

A 250bbl horizontal tank that can be used for bulk storage or separation of fluids at pressures as high as 85psig. It can also be used to break down pressure of the inlet steam.

Purpose:

- Storage and data acquisition
- 3 Phase separation
- Can be used for high pressure processes
- Many nozzles make it fit for use in wide range of operations

Features:

- Capacity: 250 bbl.
- Pressure rating: 85 psi
- Data acquisition
- Interface Level sensor
- Secondary magnetic level sensor
- Pressure sensor
- 3" 600# inlet
- 3" 150# flanged re-circulation inlet and outlet
- 4" 150# flanged outlet
- 4" 150# pressure relief outlet
- 4" 150# vent outlet
- 4" 150# drain outlets

Dimension:

- 8 x 3 x 3.5 meter

Weight:

- 10 Tons (EMPTY)

Design Code:

- ASME Sec. VIII DIV.1





FRAC TANK

Purpose:

- Atmospheric storage tank, primarily used for water and proppant
- Can be used for to store any non-corrosive fluid.
- Can be configured for mixing applications

Features:

- Capacity: 500 bbl.
- Flat bottom
- ¼" Corrugated Steel Construction
- Drain/fill: 4" floor drain at rear end, 3" fill pipe to roof at rear,
- 4" suction line connection at front, 8" flanged front manifold connection with turn down to floor.
- 8" exterior manifold with 4-4" couplings and Plugs, hammer union sub, nut, and caps on end
- Gel line: 4" mid high connection on curb side, 4" internal pipe with 3/4" holes located on 12" centers towards floor center, capped on rear end (end near side manway)
- Manway: 21" manway on front and side, 2 - non-sealed hatches on roof
- Pick up: standard 5th wheel king pin

Dimension:

- 2590 x 12852 x 3429 mm

Weight:

- 18 Tons



CONTAINER TANK

Purpose:

- Atmospheric storage tank
- Can be used for non-corrosive chemicals or water storage.
- Two separate compartments, for ease of operation

Features:

- Capacity: 200 bbl.
- Nozzles for both compartments in front gives ease of access
- Pressure rating: Atmospheric
- Compartmentalized
- Pressure sensor
- 3" 150# flanged outlet
- 2 Rooftop hatches, one for each compartment

Dimension:

- 6147mm x 2388mm x 2388mm

Weight:

- 12 Tons



OFFSHORE SS TANK

Purpose:

- An atmospheric storage tank
- Low foot print makes it ideal for off-shore use or where area size is an issue

Features:

- Capacity: 50bbbls
- Skid mounted
- 3" Flanged 150# outlet
- 4 point lifting

Dimension:

- 3600 x 2200 mm x 2200mm

Weight:

- 03 Tons (EMPTY)
- 10 Tons (FULL w/ Water)



TOTE TANKS



Purpose:

- An atmospheric storage tank
- Low foot print makes it ideal for off-shore use or where area size is an issue

Features:

- Capacity: 10 Drums
- Skid mounted, Offshore Ready
- 2" Nozzles available for pump out.
- 4 point lifting

Dimension:

- 1500 x 2200 mmm – 10 drums

Weight:

- 1 Tons (EMPTY).





SURGE TANK

Purpose:

- Can be used to receive fluid from high pressure source.
- Used in well testing application

Features:

- Capacity: 80 bbl.
- Pressure rating: 250 psi
- Level sensor
- Pressure sensor
- Fig 602 nozzles for high pressure applications

Dimension:

- 8 x 3 x 3.5 meter

Weight:

- 10 Tons

Design Code:

- ASME Sec. VIII DIV.1



CHOKES MANIFOLD

Purpose:

- The Well Test Choke Manifold is the primary means of controlling the Well Flow at surface by operation (opening or closing) of the adjustable or fixed choke

Features:

- NACE MR 01-75 compliant to be used in sour service
- Reduces Blowout risk
- Pressure rating: 10,00 psi
- Four point lifting
- Skid mounted
- 3 1/16"
- API 6A

Dimension:

- 2200 x 1150 mm

Weight:

- 7 Tons



CENTRIFUGAL PUMP

Purpose:

- Recommended in uses where high flow rate are required
- Various chemicals can be injected

Features:

- Can inject against pressures up to 55psi
- 230gpm Injection Pump
- Thick, strong, concentric casing with replaceable casing wear pad
- Casing gasket recessed for protection.
- Replaceable stuffing box cover with dual stuffing box bolts
- Long-life, no-adjustment mechanical seal available for near zero leakage
- Replaceable shaft sleeve
- Solid Frame base
- Labyrinth seals for maximum bearing protection
- Duplex angular contact bearings
- Full pipe diameter entrance for minimum turbulence and maximum efficiency
- Wide semi-open impeller creates lower axial thrust for improved bearing life



Dimension:

- 2250 x 1300 mm

Weight:

- 1.5 Tons

TRIPLEX PUMP

Purpose:

- Chemical injection into fluid stream against pressure
- Compatible with various chemicals

Features:

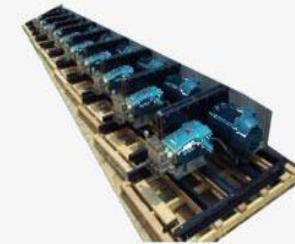
- Can inject against pressures up to 1200psi
- Flow rate up to 60gpm
- Injection rates can be controlled via VFD
- RPM: 50
- Inlet ports: 2" NPTF
- Discharge ports: 1-1/4" NPTF
- Offshore Ready Skid

Dimension:

- 1.27 x 1.88 x 1.6 mtr

Weight:

- 1.5 Tons



INTERNAL GEAR PUMP

Purpose:

- Recommended in uses where high flow rate are required
- Various chemicals can be injected

Features:

- Can inject against pressures up to 65psi
- 190gpm Injection Pump
- RPM: 50
- 6" 150# Suction/ 6" 150# Discharge
- Skid Mounted

Dimension:

- 2250 x 1300 mm

Weight:

- 1.5 Tons



DIAPHRAGM PUMP



Purpose:

- A portable Pump used for transferring many types of liquids
- To be used where pneumatic power is available

Features:

- Air driven Pump
- Pumps at 120 gpm
- Can pump at a maximum pressure of 110 psi
- Skid mounted
- 2" Suction and Discharge

Dimension:

- 800 x 600 mm

Weight:

- 0.5 Tons





Offshore Cabin

Purpose:

- To be used as work stations/office cabins
- Small foot print makes it ideal for use in locations with limited available area

Features:

- ZONE 1 DNV 2.7-1, DNV 2.7-2 certified
- Third party certificate, DNV, A60
- Four point lifting
- Double door to keep pressurized
- 10 ft. x 10 ft.
- Fork lift channels for movement within small area
- Fixed shelves and wall cabinets for securely latch and store.



Dimension:

- 3.048 x 2.438 x 2.591 m

Weight:

- 7 Tons

Vent Gas Scrubber

Gas stripping unit

Purpose:

- Treatment of unwanted components from vent gas streams
- Provides optimized chemical bath

Features:

- Pressure rating: 150 psi
- Chemical injection points
- Baffled sections provide three stage chemical bath for optimum results
- 3" fig 100 inlets and outlet
- Nozzles for venting and drain line at the bottom

Dimension:

- 2500 x 1222 mm

Weight:

- 2 Tons

Design Code:

- ASME Sec. VIII DIV.1 ED.2010
- ASME Sec. II, Part-A:2010
- ASME Sec. V:2010
- Paint Specification:
 - VE-QP-746-010,Rev-0





CYLINDER RACK

Purpose:

- Secure storage and transport of gas cylinders
- Can be used in off-shore locations

Features:

- Four point lifting
- Latching mechanism; nut and bolt style for secure storage
- Fork lift channels for easy re-location
- Can hold six cylinders.

Dimension:

- 953 x 800 mm

Weight:

- 2 Tons



STORAGE BOX

Purpose:

- Storage of any type of small equipment, such as tools, elbows, cross overs, small pumps, valves, hoses, cables, etc.
- Storage of dry chemicals
- Can be used in off-shore locations.

Features:

- Four point lifting
- Latch lock for secure storage
- Comes in compartmentalized designs too
- Fork lift Channel
- Offshore Ready

Dimension:

- 2200 x 1150 x 770 mm

Weight:

- 0.4 Tons Empty





AIR COMPRESSOR

Purpose:

- Provides air supply, diesel driven
- High altitudes and extremely high and low ambient temperatures are not a problem

Features:

- Outlet Pressure: 10 bar
- Flow rate: 10 m³/min
- RPM: 2300
- Diesel Engine
- Water cooled and air cooled
- Specially designed for heavy duty environments



Dimension:

- 2300 x 1500 mm

Weight:

- 2 Tons

Portable Lights

Purpose:

- Illumination where lighting is inadequate
- Portable for use in any location with electricity available

Features:

- Two High intensity bulbs on each stand
- Swivel design for changing direction of illumination
- Square base for greater stability
- Fork lift channels

Dimension:

- 700 x 700 mm

Weight:

- 0.1 Tons

