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# HI ENERGY SERVICES

RENTAL | INSPECTION | SUPPLY

Founded in 2012, HI ENERGY is a rapidly developing supplier of a wide range of services and products specifically tailored for the drilling industry. Our team of oilfield experts endows us with the knowhow and ability to provide our clients with detailed technical information, as well as the benefit of strong industry relationships across the Middle East, Commonwealth of Independent States (CIS) and European region. HI Energy is a privately owned, quality driven and aggressively expanding service company with its global head office located in the United Arab Emirates. Through its strategically located bases in the United Arab Emirates, Turkmenistan, Kuwait, Saudi Arabia and Germany and in collaboration with reputable service companies, provides a variety of services to the Oil & Gas Industry. With a firm local presence, unparalleled levels of knowledge and a personalized touch in delivery and execution, HI ENERGY offers its customers the industries finest products and services possible.





# RENTAL TOOLS

TRS TOOLS | DRILLING TOOLS | BHA

## Pipe Handling Equipment:

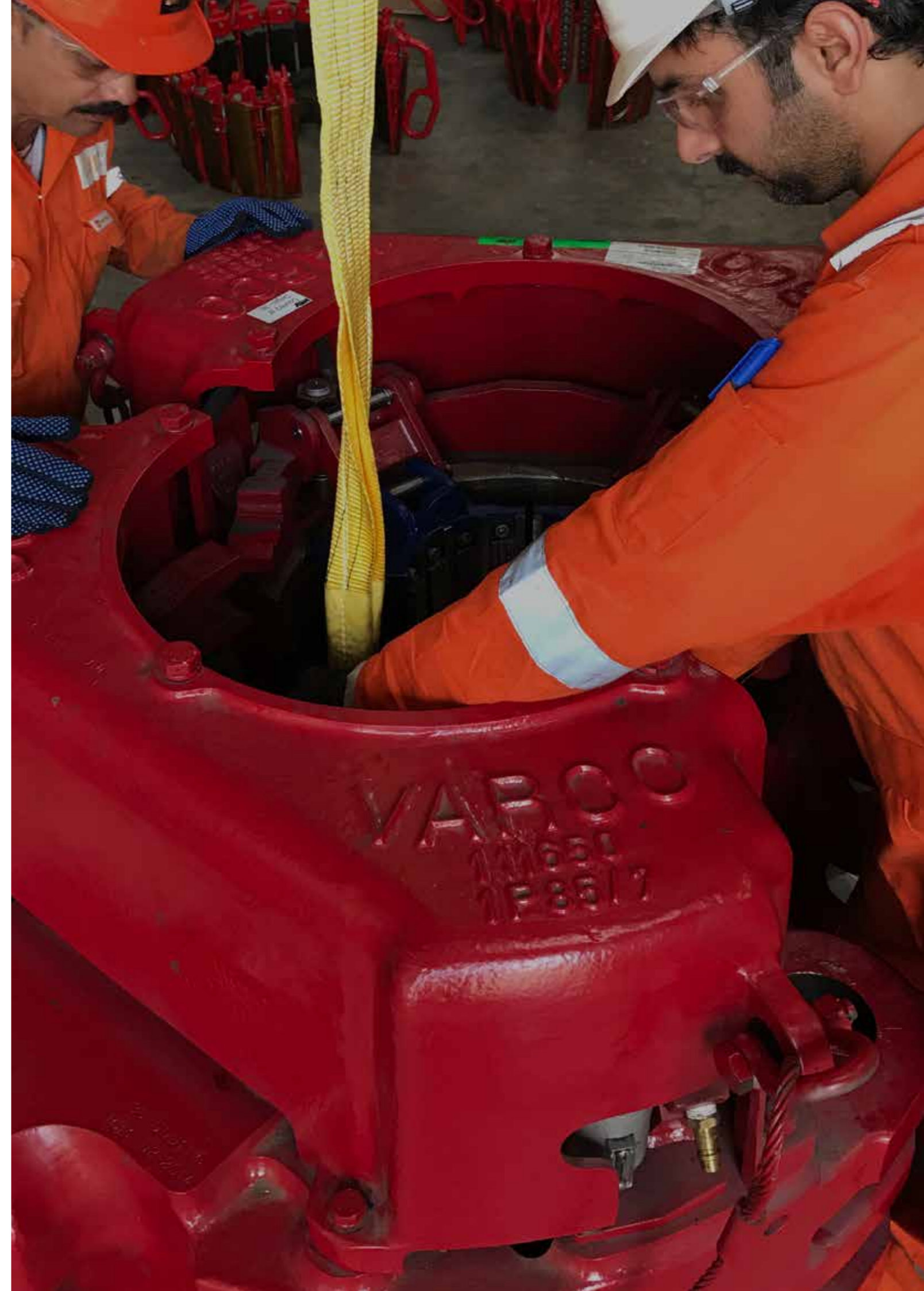
Hydraulic Power Tongs  
Varco Slip Type Elevator  
Varco Side Door Elevators  
Varco Single Joint Elevators  
Varco Spider/ Elevators 500ton  
Gearench Manual Tongs  
Varco Manual Slips  
Hinged Casing Spiders  
Tubing Spiders  
Varco Flush mounted spiders 500ton  
Pipe spinners  
HPU  
Hydraulic Catwalk

## BHA Components:

Hole openers – Sizes 8.1/2" TO 42"  
Standard & Sealed Bearing Roller Reamers – Sizes 6" TO 28"  
Integral & Welded Blade Stabilizers – Sizes 4.1/8" TO 36"  
Drilling Jars, Accelerators & Shock Tools – Sizes 3.1/8" TO 9.1/2"  
Hydraulic & Mechanical Under Reamers – Opening 6" to 30"  
Hydraulic Adjustable Stabilizers – Sizes 8.1/2" TO 17.1/2"  
Non-magnetic BHA Components (Drill Collars, Stabilisers, Short Collars, Flex Collars, X/Over Subs, etc)

## Drill Pipe and Collars:

2.3/8" to 65/8" OD standard drill pipe & HWDP  
Special sized high-torque drill pipe: 2.3/8", 2.7/8", 3.1/2", 4", 4.1/2", 5", 5.1/2", 5.7/8"  
3.1/8" to 11" Standard and Spiral Drill Collar  
High Torque Drill Pipe, HWDP and Collars (with DSTJ, HT, XT, XTM & API Connections)





# INSPECTION SERVICES

## NDT | LIFTING GEAR | UWILD

HI ENERGY operates a network of inspection service centers in the Middle East, CIS and EU Region which are fully equipped to conduct an all-inclusive variety of specialized inspection programs to accommodate and cater to the requirements of both contractors and operators. These include basic API RP7G through critical service category in T.H. Hill DS-1, North Sea Drill String Inspection Standard NS2. Our aim is to serve the oil companies by providing timely, high quality, cost effective Tubular Inspection Services locally in Turkmenistan. We have a highly experienced Panel of local Inspectors who can be deputed within a short time for the Inspection of Tubulars, BHA and drillstring components.

### Drill Pipe Inspection:

- Magnetic particle inspections on tool joints and upsets
- EMI inspection
- Visual Inspection and Thread gauging
- Dimensional Check
- Refacing services
- Straightening services

### BHA/ HWDP Inspection:

- Black light inspection of end areas
- MPI on upsets and wear pads
- Visual inspection and thread gauging
- Refacing services
- Straightening services for HWDP
- Liquid dye penetrant inspections

### Rig Components and Handling Tools Inspection:

- MPI / Black and White contrast ink inspections
- Ultrasonic Shear wave Inspections
- On stressed and critical areas
- Dimensional check
- Individual documentation of inspection results

### Casing and Tubing Inspection:

- API full length drifting
- EMI on full body for Tubings
- FLMPI on Casings
- End area Inspections
- Gauging services
- Wall thickness measurements
- Rattling services
- Maintenance services
- Hydro jetting services
- Retrieved Tubing / Casing Inspections

### Inspection Criteria

- DS1 Specification
- NS2 Specification
- API Specification
- LEEA





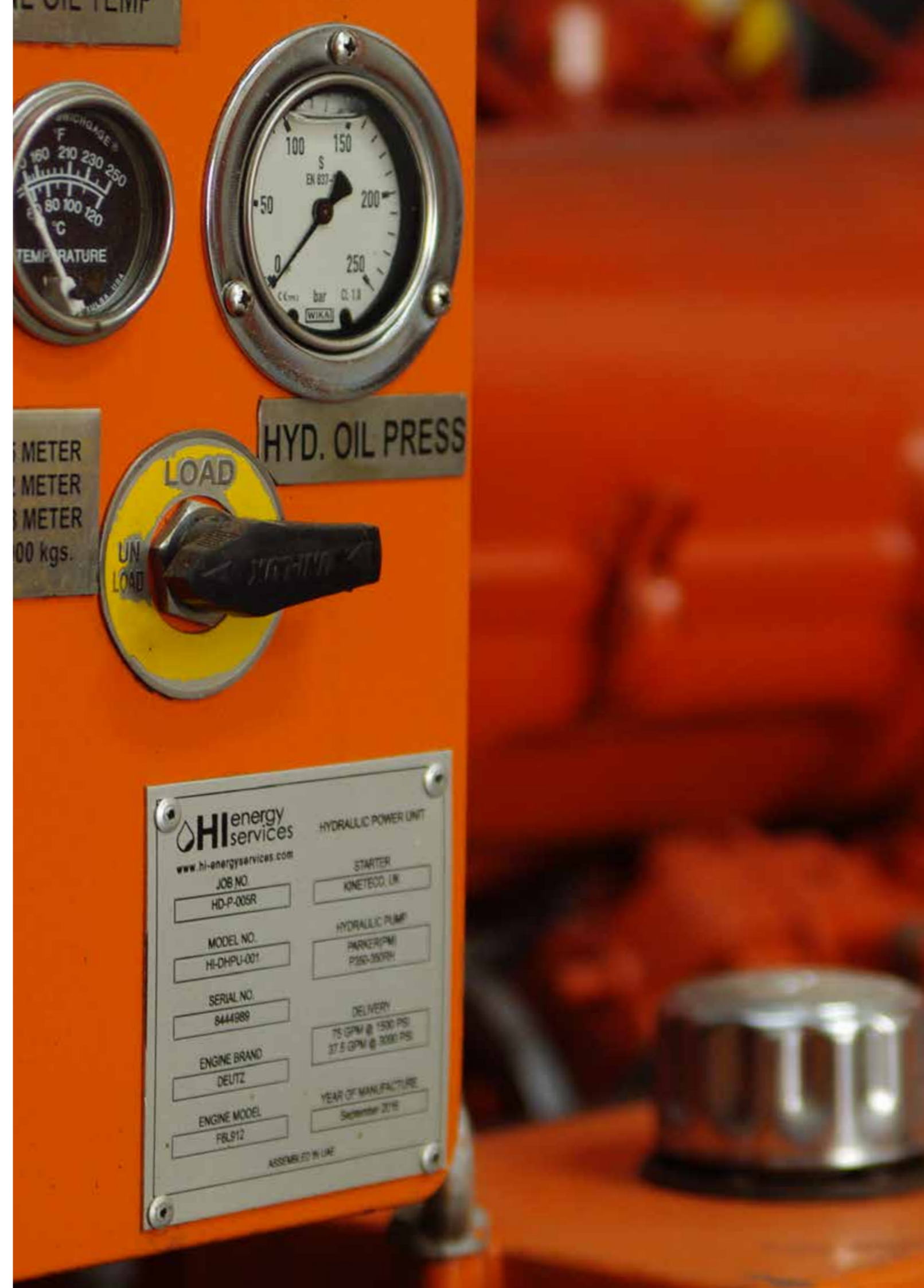
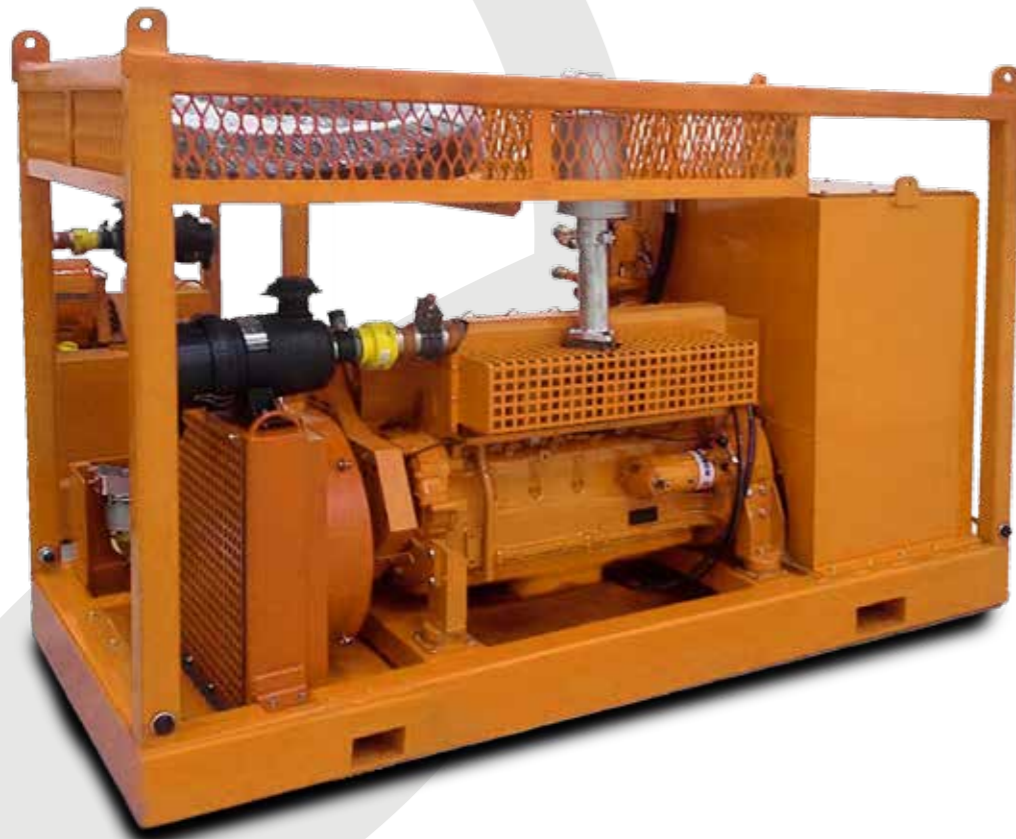
# HI ENERGY HPU

## ELECTRIC | DIESEL

HI ENERGY designs and manufactures state of the art Hydraulic Power Units for TRS operations, Iron Roughnecks, Wireline units, Winches, etc.

HI ENERGY HPUs are:

- Diesel (Water or Air cooled) or Electric
- Rig safe or zone rated
- Open/ Closed loop System
- Hot or Cold Weather specs
- Bespoke design to suit client's application
- 3rd Party Load Test and MPI inspection of load path





# INDUSTRIAL SERVICES

## PRODUCTION | FABRICATION | REPAIR

HI ENERGY SERVICES provide a complete range of in-house Production and Repair/Maintenance Services for Oil and Gas, Aviation, Marine, Subsea and Construction Industries. We offer professional and dedicated services in the Middle East, CIS and European Region. HI ENERGY is a well-positioned organization, striving for excellence and aiming total customer satisfaction. We directly serve the end-users and not only as a service source, but as a complete solution provider.

### Repair / Maintenance Services

- Hydraulic power Units
- Land Rig and Workover Rig Equipment and Accessories
- Air Compressors
- Hydraulic and Pneumatic Winches, Pumps and Cylinders
- Mud Pumps and PTO-s
- Water Pumps and Fire Pumps
- UHP, HP Water Jetting Plunger Pumps
- Earth Moving and Construction Equipment
- Material Handling and Lifting Equipment
- Engines, Transmissions and Gearboxes
- Electric, Hydraulic and Pneumatic Controls and Automation
- Off Road Prime Movers, Trucks and 4x4 / 6x6 Kenworth and Peterbuilt Buggies
- Static and Dynamic Load Testing of the Special Equipment

### Production

- Fabrication and Supply of Diesel or Electric Motor Driven Tubing and Casing Hydraulic Power Unit for Hazardous Areas / Zones
- Fabrication and Supply of Casing Drive Systems EHPU for Zone 1
- Fabrication and Supply of Diesel or Electric Motor Driven Water Pumps for Hazardous Areas / Zones
- Fabrication and Supply of Diesel or Electric Motor Driven UHP and HP Water Jetting Pumps for Hazardous area/Zones
- Fabrication and Supply of Custom Built Oilfield Equipment Skids
- Fabrication and Supply of Underwater and Subsea Application DHPU-s and EHPU-s
- Modification of Equipment Specs from Safe Zone to Hazardous Zone 1 / Zone 2
- Upgrade and Modification of Used Equipment for Improved Performance and Safety



# PRODUCTS

## MAGNUM MANUFACTURING

### MAGNUM MANUFACTURING

Magnum Manufacturing is a team of experienced casing running engineers and industry-leading professionals tired of working with existing substandard equipment. We have spent decades developing equipment to the highest industry standards, and we personally have been using the equipment we've developed. After 30+ years of partnering with a leading American TRS company to ensure optimal performance, we are prepared to stake our reputation on Performance, Longevity, & Safety. While other TRS equipment manufacturers have spent this time concerned with selling their product, our only concern has been perfection through in-house engineering, refining, and rigorous field testing. Magnum Manufacturing is now ready to offer our previously exclusive and highly sought after equipment to the world.

Magnum products are: Casing and Tubing Power Tongs, PRT Casing Running Systems, PTR Premiere Torque Rings, Reamer Shoes



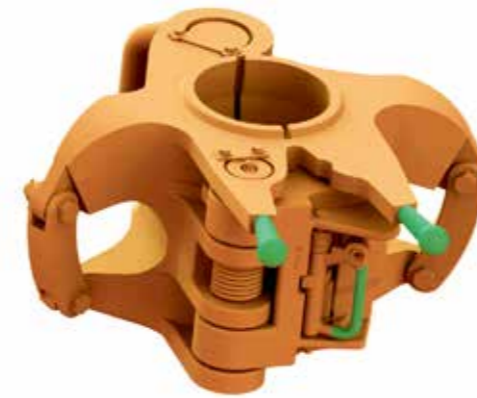
# PRODUCTS

## HAMBURG OIL TOOLS



Hamburg Oil Tools GmbH produces, supplies, services and maintains Pipe Handling Equipment like Elevators, Elevator Links, Manual Tongs, Hand Slips, Safety Clamps and the associated spare parts for the Oil and

Gas Industry, On- and Offshore, as well as for Geothermal Drilling. All products are MADE IN GERMANY, fulfill and exceed highest quality standards. Customized solutions for the drilling industry as well as standard designs according to API belong to their portfolio.





# PRODUCTS

## GEARENCH™



GEARENCH™ was founded in Houston, Texas in 1927 with the patent of its first product, the Gearench, a hand tool for use on small diameter pipe. From this original tool, the company has grown and developed over 40 product lines for use in various areas of the oil industry including exploration, drilling, production, refining and completion.

The PETOL BELT TONG strap wrench is extremely easy to use. The lightweight strap, an adjustable hanger that keeps the wrench in perfect balance for easy application and ratcheting, and a pin that quickly latches and unlatches the strap, combine to make operating the wrench a snap. In fact, it's so easy only two rig personnel are required.



# PRODUCTS

## ENEROIL OFFSHORE DRILLING



One of the world's leading primary cementing products. Eneroil has a state of the art manufacturing plant spread on 150,000 square feet, equipped with fully automatic robotic welding machines, digitally controlled heat

treatment facilities, a fully automatic epoxy powder coating plant, mechanical and hydraulic presses up to 300tonnes, In house engineering design and development department with fully equipped testing facility as per API 10D requirement

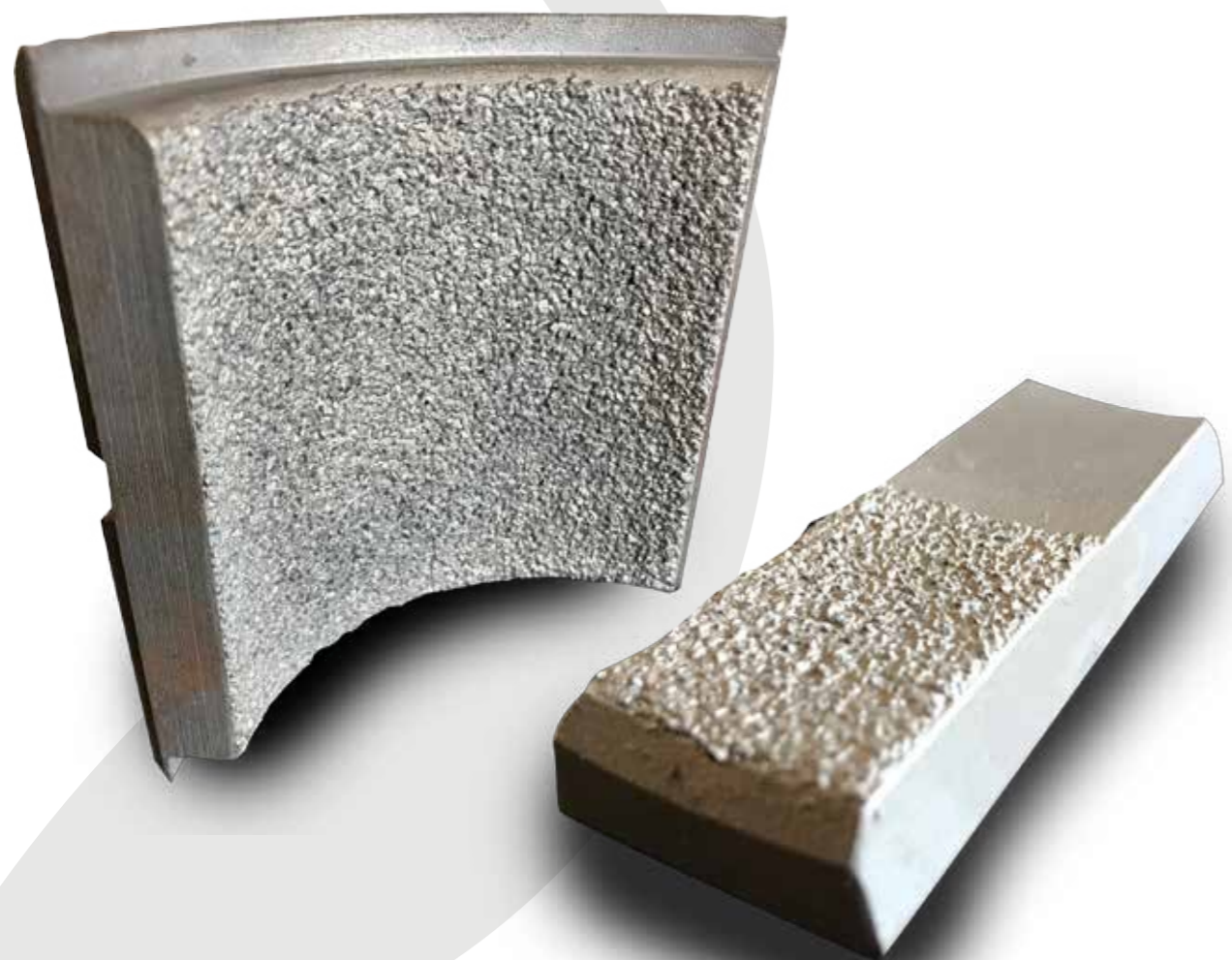


# PRODUCTS

## GLOBAL DIE TECHNOLOGY



Global Die Technology LLC has been established as a North American die and insert manufacturing company. Our traditional business model is based on the accomplishments of our Management and Manufacturing teams. Our company is comprised of individuals who bring to the table well over a 100 years of experience in the manufacturing and producing dies and inserts as well as handling and makeup equipment for Oil Country Tubular Goods (OCTG).



# PRODUCTS

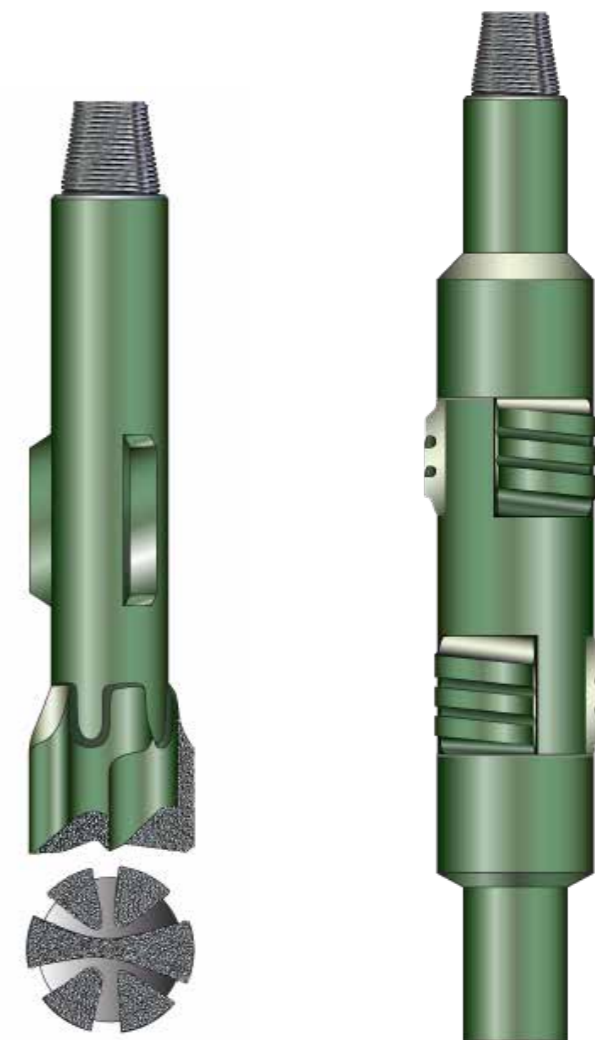
## M&M OILTOOLS



Providing the oil industry with reliable products and services for more than 80 years. Today, our tools are at work across the globe, including land operations, remote international locations, in the most challenging HPHT wells, offshore and in deep water Gulf of Mexico.

Providing the oil industry with reliable products and services for more than 8 decades.

- Scrapers
- Mills
- Brush Tools
- Well Control Valves
- IBOP & Top Drive Valves
- Boot Baskets
- Hydrostatic Bailer
- Workover Bits
- Surface Test Tree





# QHSE

QUALITY | HEALTH | SAFETY

HI Energy is passionately devoted to meticulous compliance with all occupational health, safety and environmental laws and regulations. We are also actively engaged in the constant development and improvement of the quality and feasibility of operating procedures, technologies and policies. Furthermore, HI Energy has mandated each of its employees with an identical commitment to excellence in safety and security. We see this as an obligation that serves the best interests of our customers, employees, as well as the communities in which we live and work.

**ACS**  
REGISTRARS  
Quality Assurance  
**ISO 9001**



# LOCATIONS

ME | EU | CIS

## HI ENERGY FZC HEAD OFFICE

### MIDDLE EAST REGION

Warehouse LV-07/A, PO Box 42378  
Hamriyah Free Zone, Sharjah, UAE  
Land + 971 65 65 2494  
[info@hi-energyservices.com](mailto:info@hi-energyservices.com)

## HITEQ OILFIELD SERVICES GMBH

### EUROPE REGION

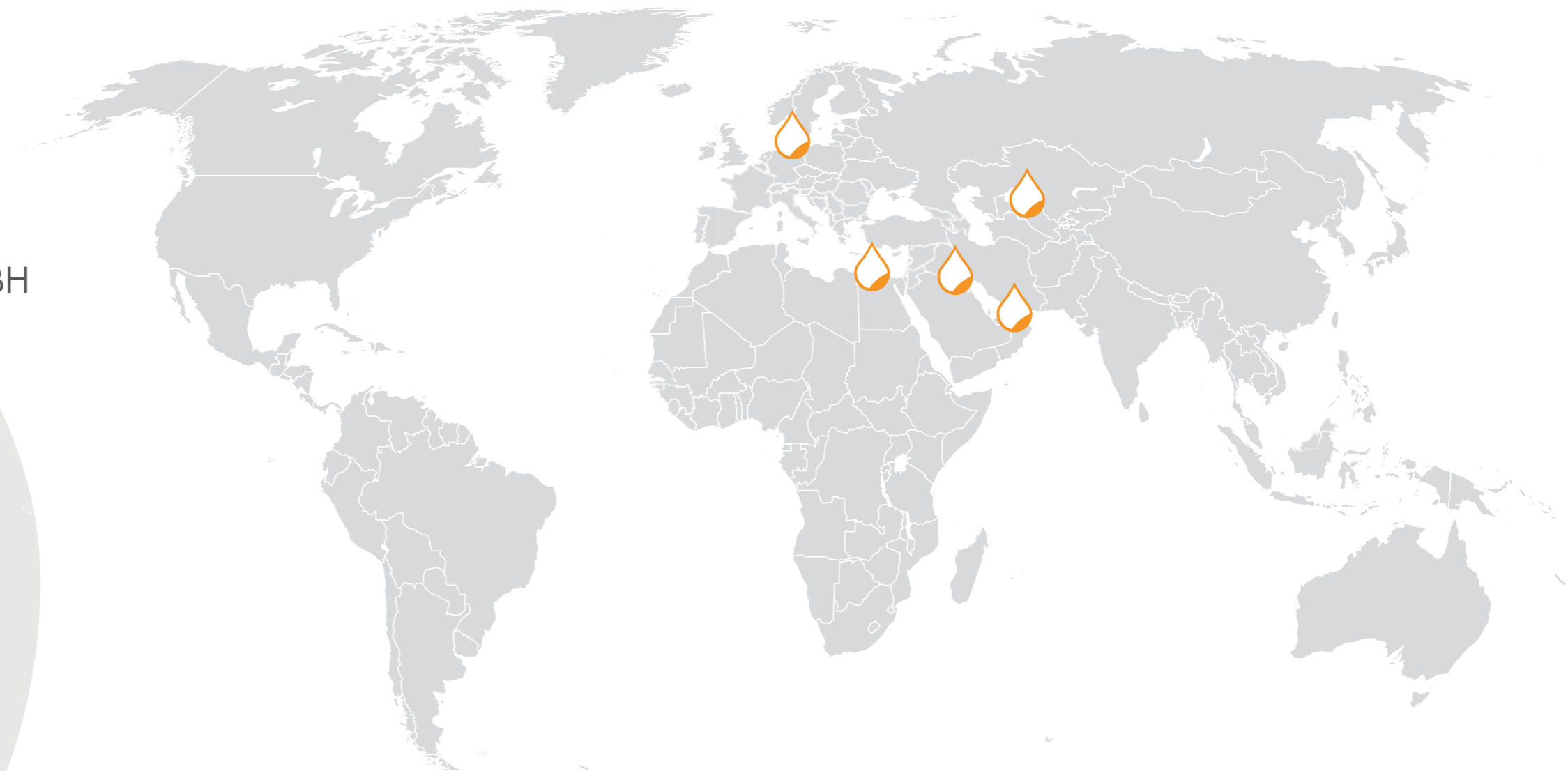
Kollastr. 121  
Hamburg Germany

## HiLSERV OILFIELD SERVICES

### CIS REGION

Berkarar Business Center Flr 10/ J9  
Building # 82, 1972 (Atatürk) street Ashgabat,  
Turkmenistan

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