MasdarEnergy



Company Profile

masdarenergy.me

Contents

- Introduction
- About us
  - The Company: Masdar Energy
  - Business Model
- Integrated Solutions
- Our Products
- Core Markets
- Redefining Reliability
  - Core Values
  - Approach & Commitment
  - Our People

A warm welcome

Welcome to Masdar Energy, a leader in the dynamic world of energy. As we reflect on our journey, we are filled with gratitude and enthusiasm for what lies ahead. Our mission is clear and ambitious: to be your most trusted ally in the energy sector.

At Masdar Energy, we offer more than just equipment; we provide solutions tailored to the unique and complex challenges you face. Our journey is driven by an unwavering commitment to excellence and a deep understanding of your specific needs.

Whether you are a technical expert on the frontlines or a key decision-maker in the boardroom, our team is dedicated to your success. We provide not only top-tier equipment and services but also a partnership based on trust, understanding, and mutual respect.

We view ourselves as more than a corporation; we are a community. This community is built on strong relationships, flexibility in adapting to change, and an unshakable commitment to making a lasting positive impact. Our commitment goes beyond business transactions; it is about building a sustainable future together.

Your trust and confidence in us inspire our continuous drive for improvement and excellence. We are committed to pushing boundaries and redefining standards, ensuring that we are always better than the day before.

Thank you for being a vital part of our story. Welcome to our community, where together, we shape a brighter, more sustainable future.



About us

A concise overview of our company's identity, our diverse operations, and the collaborative synergy across our departments that drives value.

- The Company: Masdar Energy
- Business Model



A story of expertise and commitment

An ensemble of experts

Masdar Energy, a key subsidiary of the Massader group, was founded by a collective of oilfield engineering enthusiasts, steered by visionary Khaled Gadallah. Our ensemble, akin to a harmonious symphony, encapsulates over 50 years of combined experience in both onshore and offshore operations throughout the Middle East. Under Khaled's strategic leadership, a steadfast advocate for operational excellence, we channel our collective expertise and fervent dedication to advance the energy sector.

Our driving philosophy

Our inception was fueled by a simple yet powerful desire: to provide solutions that resonate with our clients' real needs. In an industry often focused on mere transactions, we at Masdar Energy are driven by the ambition to infuse reliability and meticulous refinement into every facet of our operations. We're not just another supplier; we're the partner who understands your challenges and commits wholeheartedly to your success.



Embracing collaborative innovation

At Masdar Energy, we don't hide behind a façade of history; instead, we leverage the combined strengths of our dedicated partners, consultants, and manufacturers. Our approach is unburdened by legacy constraints, allowing us to innovate and adapt swiftly. The majority of our solutions are not only patented but also adhere to the highest standards of quality and safety certifications.

Our vision and mission

Our vision is clear and ambitious: to be recognized as the go-to source and partner in the energy sector, known for our adaptability, operational excellence, and unwavering focus on customer needs. We aim to extend our reach beyond the Middle East and Africa, creating a legacy of excellence and reliability.

Celebrating growth, inviting new horizons

As we approach our second anniversary in 2024, we reflect on our journey with pride. The trust and collaboration we've built with our clients and partners are the cornerstones of our success. With open arms, we welcome new partnerships and opportunities, ready to embrace the challenges and triumphs that lie ahead.



A business model streamlined for excellence

Our business model is a meticulously crafted network of interdependent components, each dedicated to delivering customer-focused value and operational excellence in the energy sector.



Sales and Client Relations

Fostering strong, long-term relationships with clients, focusing on understanding and meeting their unique requirements.



Manufacturing and Logistics

Efficiently managing production and logistics, ensuring timely delivery of high-quality products tailored to client needs.



Testing and Certification

Adhering to stringent international standards, our products undergo thorough testing & certification to guarantee safety & compliance.



Expertise and Innovation

Combining over 50 years of industry know-how with ongoing research and development to stay at the forefront of technological advancements.



Support and Quality Assurance

Delivering 24/7 expert support and ensuring every product meets rigorous quality control standards for unmatched reliability and performance.



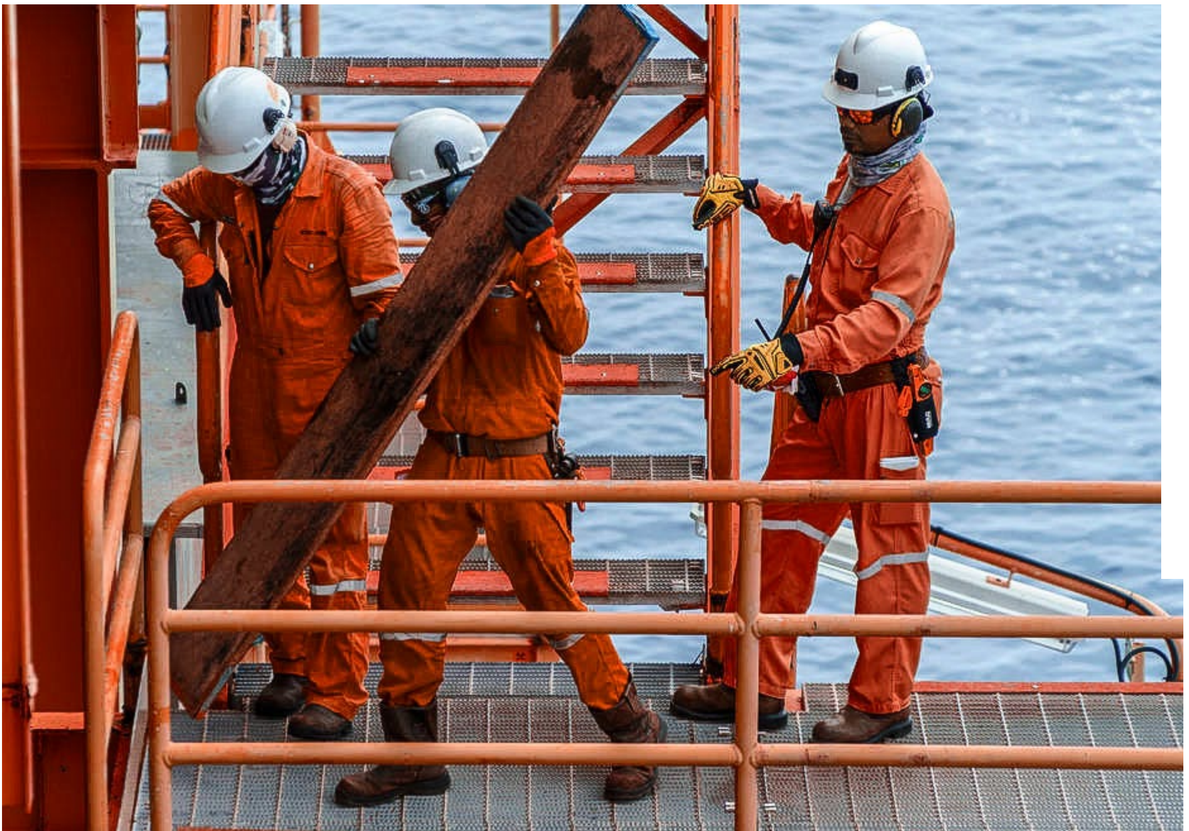
Integrated Solutions

Our integrated solutions are crafted to ensure the success and efficiency of your projects, from initial concept to final commissioning. We offer a range of specialized services tailored to meet the dynamic needs of the oil and gas industry.

- Integrated Drilling Facility Package (EPCC)
- Offshore Shipping Services
- Production Enhancement
- Well-bore Integrity
- Pipeline Services

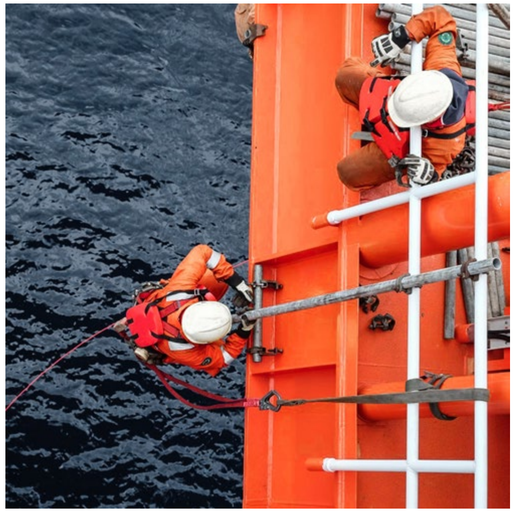
Integrated Drilling Facility Package (EPCC)

Complete EPCC by Drilling Equipment Experts



The complexities of modern drilling projects often lead to inflated costs and extended timelines. Traditional approaches struggle to integrate various aspects of EPCC effectively.

Masdar Energy is at the forefront of revolutionizing EPCC in the drilling industry. Our unique expertise in drilling equipment ensures a seamless transition from project conception to operational readiness. We manage all facets, from proprietary equipment provision and manufacturing to quality control. Our close integration with shipyard project teams streamlines processes, minimizing complexity, costs, and risks. Our approach focuses on enhancing safety, efficiency, and project success from start to finish.



Comprehensive Project Management

Seamless progression from planning to execution.

Lifecycle Support

Continuous support post-handover

Integrated Manufacturing+Procurement

A focus on quality and safety in every aspect.

Collaborative Approach

Optimizing execution via strong team integration.

Rigorous Quality and Risk Controls

Upholding the highest safety standards throughout the project lifecycle.

End-to-End Service Delivery

Ensuring readiness from certification to operational handover.









Offshore Shipping Services

Premium Offshore Shipping and Container Solutions

Compliance with Standards

Adhering to DNV2.7-1, ISO 10855, ISO 1161, and CSC regulations.

Versatile Product Range

Catering to a broad spectrum of offshore shipping requirements.

Renewable Energy Project Support

Customized solutions for the growing offshore wind energy sector.

Safety and Efficiency

Prioritizing secure transport and efficient handling of equipment.

Regional Team Support

Expert, localized assistance across GCC countries for optimal outcomes.

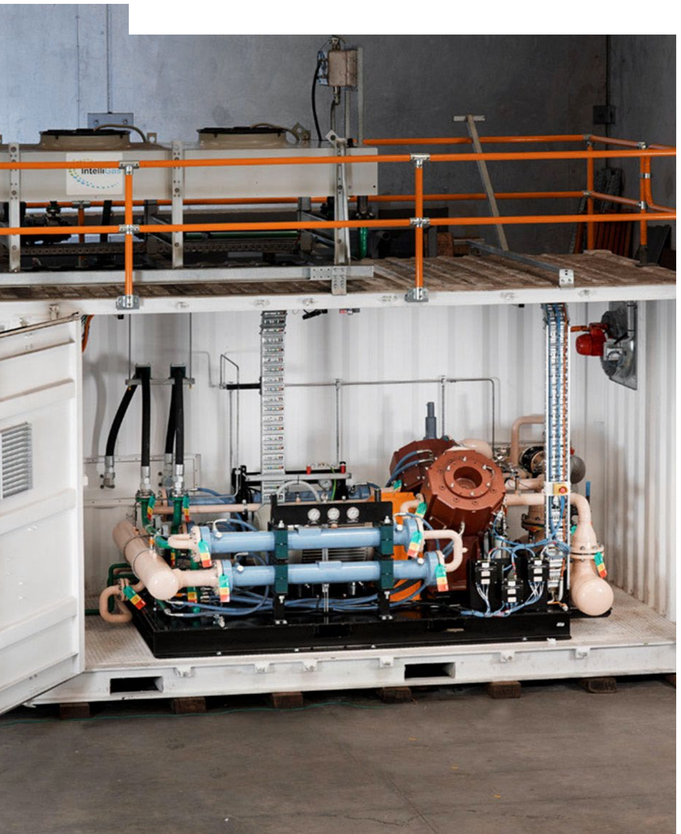
The offshore industry is fraught with challenges, particularly in shipping and handling. Ensuring the safe, efficient, and compliant transport of equipment and materials in these environments is a complex task, made harder by the stringent standards and diverse needs of different projects.

Ineffective or non-compliant shipping solutions can lead to significant safety risks, operational inefficiencies, and potential regulatory violations. The rapidly evolving demands of the offshore industry, especially in renewable energy sectors like wind power, require specialized equipment and expertise that many providers cannot offer.

Masdar Energy addresses these challenges head-on with our comprehensive suite of offshore shipping services. Our fleet, including Drum Baskets, Gas Bottle Racks, Cutting Skips, and Cargo Baskets, is meticulously designed to meet the exacting DNV2.7-1 standards. We ensure the safe and efficient transport of a wide range of materials and equipment, specifically tailored to the unique demands of the offshore drilling and renewable energy industries. Our commitment to customization, safety, and compliance with international standards positions us as the go-to specialist for all offshore shipping needs.

Production Enhancement

Enhance Production, Minimize Emissions, Reduce Cost



The oil and gas industry is under increasing pressure to enhance production while reducing its environmental footprint and operational costs. Traditional methods often fall short in addressing these conflicting demands, leaving Exploration & Production (E&P) operators struggling to find sustainable and efficient solutions.

Inefficient systems not only lead to higher operational costs and carbon emissions but also fail to maximize production potential. These challenges are compounded by the dynamic nature of oil and gas fields, where fluctuating production rates and pressures can significantly impact efficiency and sustainability.

Masdar Energy steps in with cutting-edge production enhancement solutions tailored for today's E&P challenges. Our Mobile Wellhead Gas Compression system revolutionizes field operations with its rapid, low-cost deployment and adaptable design, ensuring maximum flexibility and efficiency. Additionally, our Integrated Oil and Gas Production Solution, capable of handling up to 5 million SCFD of gas, underscores our commitment to delivering high-capacity, sustainable systems. By combining local expertise with patented technologies, we empower operators to boost production, minimize emissions, and reduce costs, effectively balancing the demands of profitability and environmental stewardship.



Mobile Wellhead Gas Compression

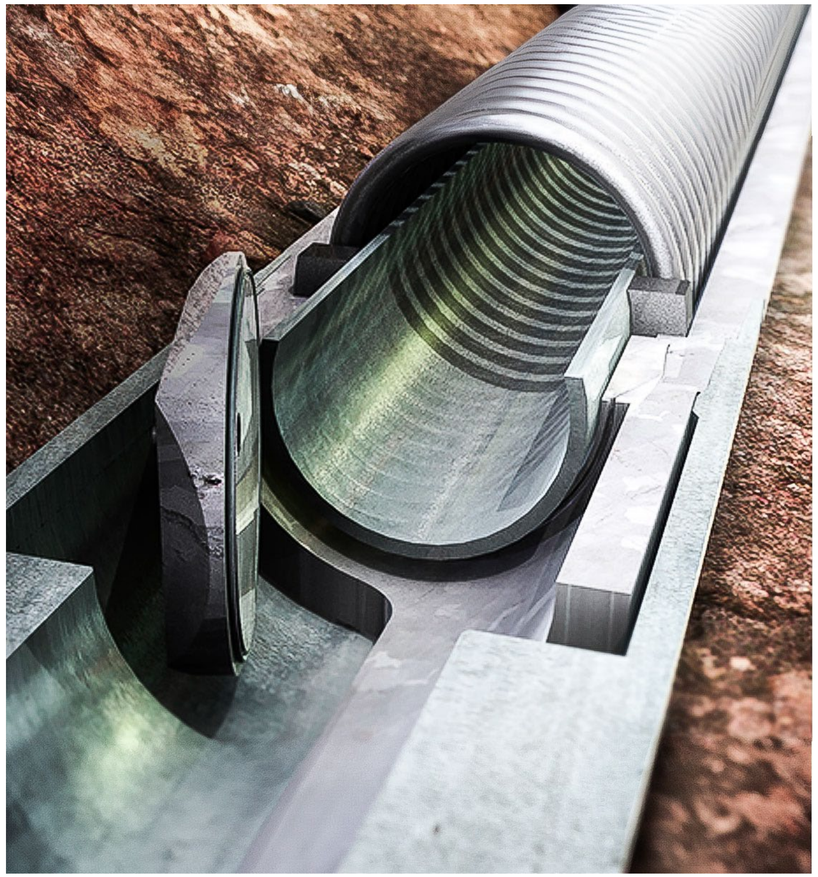
A game-changing system offering rapid deployment, cost-effectiveness, and adaptability to fluctuating field conditions.

Integrated Production Solution

High-capacity systems designed for the demanding needs of the modern industry.

Well-bore Integrity

Comprehensive Sealing Solutions for Well-Bore Integrity Restoration



SCSSV Leak Repair

Tailored solutions restoring safety valve functionality in diverse conditions.

Wellhead Leak Solutions

Versatile repair formulations for a range of wellhead assembly leaks.

Casing Repair System (CRS)

A trusted solution developed for effective casing leak repairs.

Subsea Leak Repair

Quick and efficient methods for addressing subsea control line leaks and connections.

Control Line Leak Management

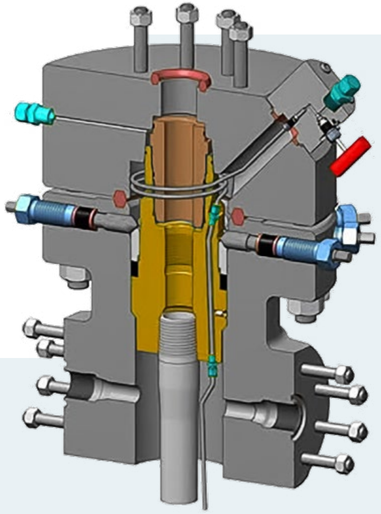
Ensuring the integrity of control lines and hydraulic systems.

Downhole Equipment Leak Repair

Specialized repairs for unique leak issues in downhole equipment.

In the face of increasing demands for sustainable and efficient production, the oil and gas industry is seeking new approaches. Traditional methods often fall short, leading to higher operational costs and environmental impacts, while not fully maximizing production potential.

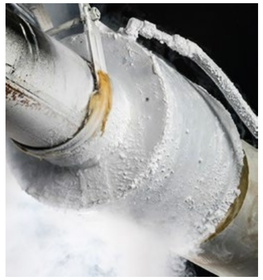
Masdar Energy introduces groundbreaking solutions to these challenges. Our Mobile Wellhead Gas Compression system offers rapid deployment and adaptability, revolutionizing field operations. The Integrated Oil and Gas Production Solution, handling substantial gas capacities, exemplifies our dedication to high-capacity, sustainable systems. Together, these innovations empower operators to enhance production while minimizing environmental impact and operational costs.











Pipeline Services

Pipeline Services for Petrochemical and Energy Sectors

In the energy sectors, pipeline integrity and efficiency are paramount. Contamination and wear can lead to environmental risks and costly shutdowns, while traditional maintenance may not meet today's high standards.

Unattended pipelines can become liabilities, causing inefficiencies, soaring maintenance costs, and compliance issues. The intricate nature of pipeline systems in sectors like petrochemical and subsea oil and gas requires sophisticated maintenance solutions.

Masdar Energy offers specialized pipeline services that cater to the international petrochemical, refinery, and subsea oil and gas industries. Our end-to-end expertise ensures peak pipeline performance from installation to decommissioning. We provide precise engineering, cleaning, calibration, testing, and drying services, employing pigging for effective pipeline maintenance. Our methodical approach guarantees that pipelines operate cleanly, efficiently, and in regulatory compliance, safeguarding both productivity and the environment.

Pipeline Inspection Services

Ensuring pipeline integrity and compliance with comprehensive inspection solutions.

Pipeline Pigging, Testing & Drying

Advanced techniques for efficient pipeline cleaning, testing, and operational preparation.

Pipeline Displacement

Safe and effective methods for pipeline displacement operations.

Pipeline Cleaning Services

Specialized cleaning services to maintain pipeline efficiency and longevity.

Pipeline Freezing

Innovative techniques for pipeline maintenance and repair without service interruption.

Pre-Start-Up Chemical Cleaning

Guaranteeing contaminant-free pipelines ready for operation.



Products

- Solids Control Equipment & Parts
- Pipe Handling Tools & Equipment
- Mud Systems & Replacement Parts
- Hoses & Expansion Joints
- Flow Control Products

Solids Control Equipment & Parts

Advanced Solids Control Equipment for Optimal Waste Management

Efficiently managing drilling waste is pivotal to operational cost-effectiveness. Overuse of screens in solids control systems and the struggle to source compatible, quality shaker parts frequently disrupt uptime and finances.

Poorly managed drilling waste drives up expenses, diminishes efficiency, and risks environmental standards. Inferior equipment contributes to regular downtime and maintenance burdens, especially critical in the competitive Middle East and North Africa markets, impacting productivity and profitability.

Since 2020, Masdar Energy has transformed waste management with premier solids control equipment. Our screens cut consumption by over 40%, enhancing savings and fluid separation. But we don't stop at screens; our shaker parts combine affordability with swift availability. Committed to excellence, we ensure clients receive superior waste management solutions. With products compatible across industry-standard equipment, we provide a comprehensive solution for solids control challenges.

Enhanced Efficiency

Proven reduction in screen consumption by over 40%, resulting in notable cost savings.

Broad Compatibility

For a variety of industry-standard equipment, including Derrick 500 series, FLC2000, Brandt NOV VSM100 & VSM300, King Cobra / Venom / LCM3D, M-I SWACO Mongoose / Meerkat.

Cost-Effective Solutions

Competitive pricing without quality compromise.

Reduced Lead Times

Swift deliveries to minimize client downtime.

Versatile Product Range

Comprehensive offerings including replacement shaker screens and essential shaker parts.



Pipe Handling Tools and Equipment

Specialized Pipe Handling Tools & Equipment Solutions

Focused on Pipe Handling
Specialized in tools and equipment tailored for the oil and gas industry's pipe handling needs.

Repair and Maintenance Services
Extensive services encompassing inspections, repairs, and recertifications.

Quality Assurance
Compliance with API and ISO standards, guaranteeing superior quality.

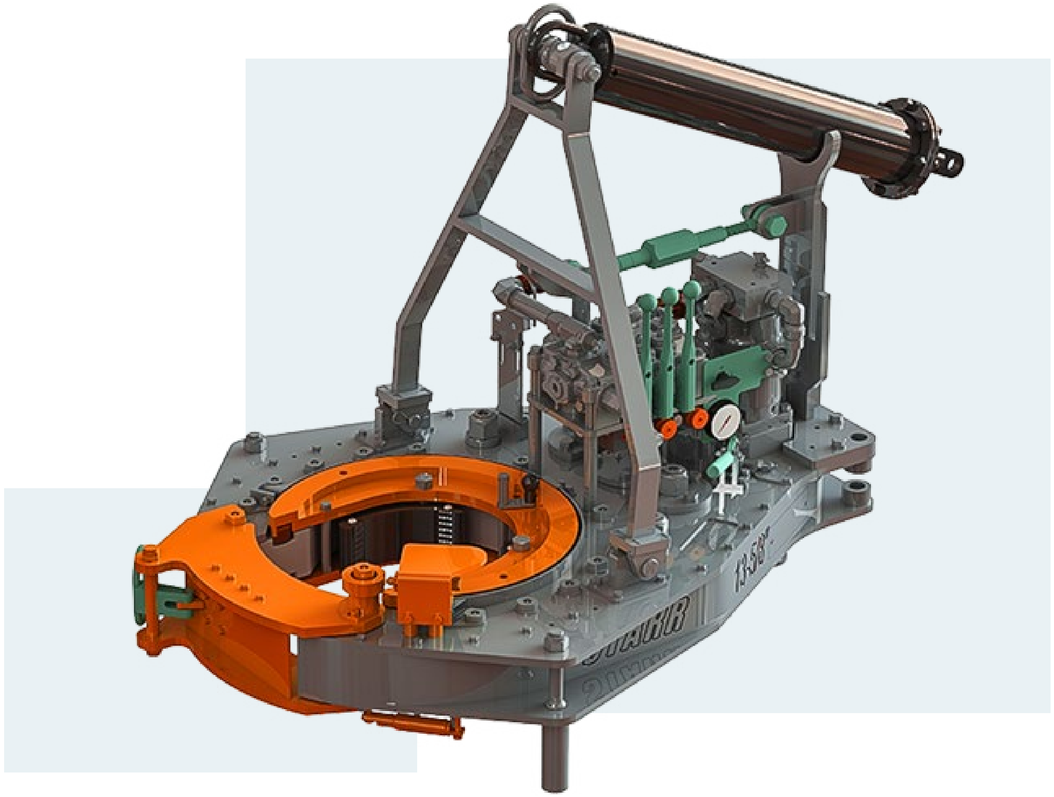
Extensive Product Range
Elevators, spiders, power tongs, power units, tong test stands, & casing tools.

Technology-Driven
Incorporating latest technological advance-ments for enhanced performance and safety.

Custom Solutions
Offering a mix of new and refurbished equipment to cater to diverse operational requirements.

Operational Versatility
Compatibility with a broad range of industry-standard operations.

Economical Options
Cost-effective solutions with options for refurbished equipment.

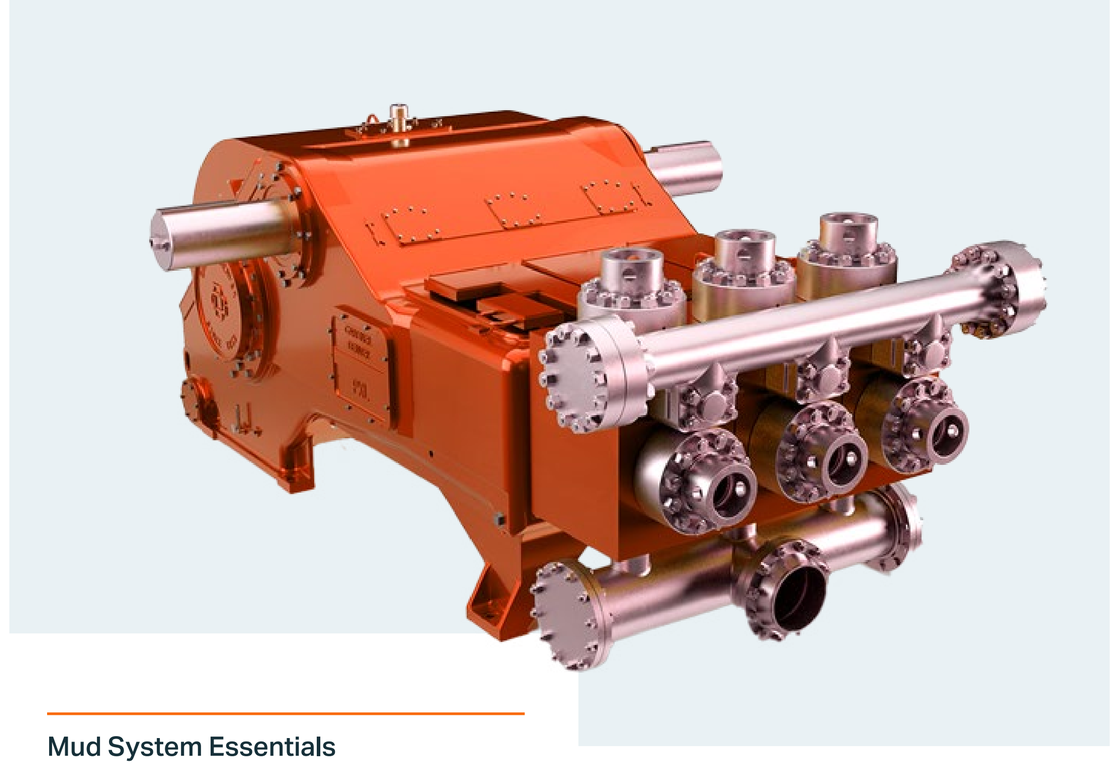


Efficient and safe pipe handling is critical to the oil and gas sector. Substandard tools can lead to inefficiency, heightened safety risks, and costly downtime. The demand for adaptable equipment solutions grows as drilling operations evolve, and the use of unsuitable tools can compromise safety, operational efficiency, and drive up costs due to failures and maintenance.

Masdar Energy addresses these industry needs by providing a comprehensive selection of superior, new, and refurbished pipe handling tools and equipment. Our partnership with leading manufacturers and commitment to quality are evidenced by API and ISO certifications. For over thirty years, we have equipped operations with reliable tools from tubular handling elevators and spiders to power tongs and units, ensuring peak operation. Our thorough services, including repair, recertification, and testing, affirm that our equipment adheres to the highest standards. Offering both new and refurbished items, we blend innovation with cost efficiency to offer unparalleled value.

Mud Systems and Replacement Parts

Advanced Triplex Pump Replacement Parts and Mud System Components





Wide Range of Parts

A diverse inventory of parts for various pump models from top manufacturers.

Pressure Management

Unique pulsation dampeners design for optimal pressure control

Operational Stability

Products designed to enhance the longevity and safety of mud systems.

Comprehensive Inventory

A one-stop-shop for all triplex pump and mud system parts needs.

Mud System Essentials

A comprehensive selection of critical components for efficient mud system operations.

Quality Assurance

Commitment to providing components that ensure compatibility and operational efficiency.

Expert Guidance

Invaluable insights and advice for selecting the most suitable components.

Industry Compatibility

Solutions tailored to meet the needs of diverse oil and gas drilling operations.

Ensuring mud system integrity and efficiency is critical. Subpar components in triplex pumps can disrupt operations, increasing downtime and safety risks. Drilling complexities necessitate precise, reliable parts, and a supply partner adept in various pump models is vital.

Masdar Energy offers an array of replacement parts for triplex pumps, ensuring compatibility with leading manufacturers. Our extensive product range, from Mud Hoppers to Pulsation Dampeners, is designed to enhance drilling system integrity. We not only supply parts but also guide clients in component selection to meet their unique operational needs with expertise.



Hoses & Expansion Joints

High-Quality Oilfield and Marine Hoses & Expansion Joints

Diverse Hose Range

A comprehensive selection catering to various oilfield and marine applications.

Expansion Joints

Expertly accommodate movement and vibration in piping systems.

Quality Certification

Each hose and joint is ISO/API certified, ensuring high standards of quality and safety.

Corrosion Protection

Enhanced durability with plated carbon steel flanges.

Durability

Designed to endure harsh environmental and operational conditions.

Customization Options

Tailored solutions available in different sizes and specifications.

Temperature Resilience

Suitable for high-temperature environments up to 230°F.

Industry Standards Compliance

Adherence to ANSI drilling standards for safety and reliability.

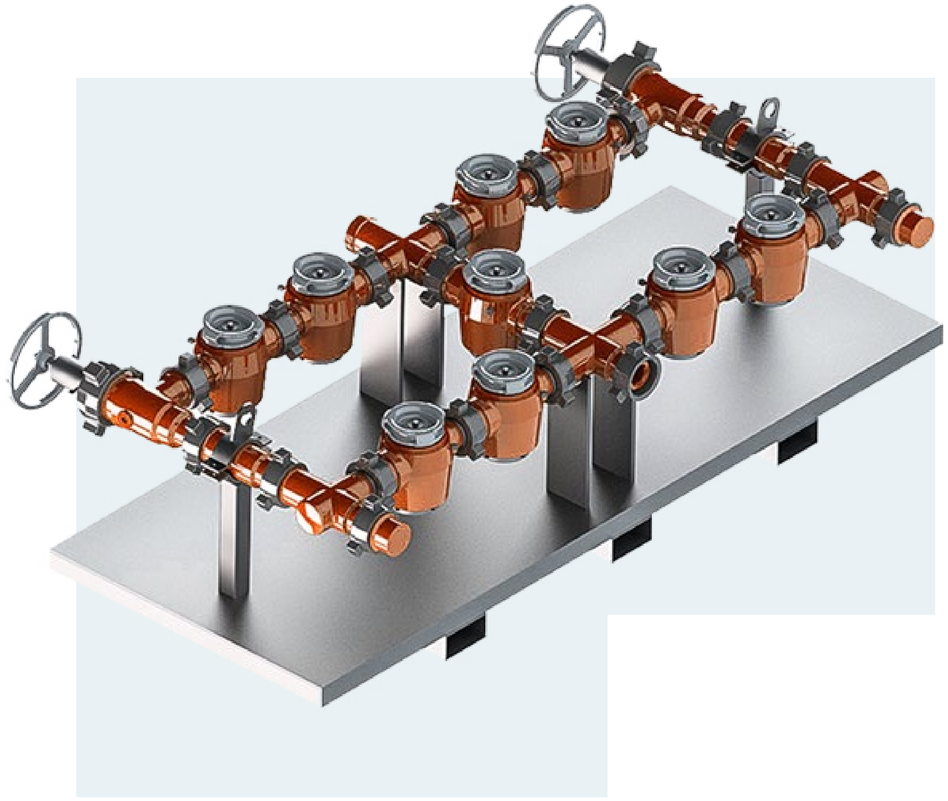
In oilfield and marine operations, using substandard hoses and expansion joints can lead to equipment failure, safety risks, and operational inefficiencies. These environments demand components that can withstand extreme conditions, including high pressure, corrosion, and temperature variations.

The challenges of harsh marine and oilfield environments require hoses and expansion joints that are not only durable but also compliant with stringent industry standards. The risk of using non-certified or low-quality products can lead to costly downtimes, safety hazards, and long-term damage to critical infrastructure.

Masdar Energy addresses these challenges by providing a range of high-pressure oilfield hoses and expansion joints, specifically engineered for the rigorous demands of the oil and gas industry. Each product is accompanied by ISO/API certifications and pressure test certificates, guaranteeing their reliability and safety. Our diverse hose range includes Choke & Kill Hoses, Rotary & Vibrator Hoses, Cementing Hoses, and more, each tailored for specific operational needs and designed to perform under extreme conditions. Our expansion joints, featuring plated carbon steel flanges for corrosion protection and nitrite tube elastomer suitable for high temperatures, ensure flexibility and durability in piping systems. We offer customization options, including various sizes and specifications, to fit unique project requirements, always adhering to ANSI drilling standards.

Flow Control Products

Comprehensive Well Services Equipment and Flow Control Products



Surface Flowback Equipment

Critical for monitoring and managing fluids during well testing.

Sand Management Systems

Enhance production efficiency and equipment protection.

Choke Manifolds and Valves

Designed for robust control of well fluid flow and pressure.

Flowline Restraint Systems

Key to ensuring safety in high-pressure environments.

Downhole Wellbore Clean-Up Tools

For efficient wellbore cleaning and maintenance.

Safety-Focused Design

Equipment engineered to enhance safety and minimize risks.

Durable and Reliable

Built to endure harsh operational conditions.

In well testing, cementing, and fracking operations, the challenge is managing fluid flow and pressure accurately while ensuring safety and efficiency. The lack of robust and reliable flow control products can lead to operational inefficiencies, safety risks, and potential environmental hazards.

The complexity of managing fluid flowback, sand filtration, and pressure in harsh well environments demands specialized equipment. Inadequate or subpar systems can compromise the integrity of well operations, leading to costly downtimes, safety concerns, and environmental impacts.

Masdar Energy's comprehensive suite of well services equipment and flow control products is specifically designed to address these challenges. Our offerings include Surface Flowback Equipment & Accessories, crucial for monitoring and controlling fluid flowback during well testing. We also provide advanced Sand Management Systems, vital for protecting equipment from erosion and optimizing production efficiency. Our robust Choke Manifolds, Valves, and Flowline Equipment are engineered to control and manage well fluid flow and pressure, even in high-pressure environments. Additionally, our Flowline Restraint Systems are essential for maintaining the safety and integrity of flowlines, preventing accidents and equipment damage. For wellbore maintenance, we offer Downhole Wellbore Clean-Up Tools, ensuring the wellbore is free from debris and in optimal condition for production.



Redefining Reliability

We want to reshape the meaning of reliability within the energy sector. More than delivering services, we set benchmarks for trust, efficiency, and excellence. As industry demands evolve, so do we, ensuring our clients get the most sustainable and valuable solutions.

- Core Values
- Approach & Commitment
- Our People

Our name is a reflection of our core values

The name "Masdar", which translates to 'Source' in Arabic, symbolizes our core ethos and values. Embedded in our name, "SOURCE" represents our commitment to:



Redefining Reliability

Our approach

At Masdar Energy, redefining reliability is about setting new benchmarks in the energy sector. We strive to deliver solutions that are not only effective but also drive value, sustainability in terms of ROI, and contribute positively to the energy landscape. We aim to be the source of reliable solutions, strong partnerships, and a future that balances energy needs with economic growth.



For us, 'Redefining Reliability' means:

Focusing on ROI and Efficiency

We ensure that our solutions offer tangible value and long-term returns.

Consistent Quality Delivery

We prioritize delivering high-quality and efficient services that meet our clients' diverse needs.

Adapting to Market Needs

Our strategies and services evolve to align with current and future demands of the energy sector.

Community Engagement

Commitment to the growth and development of the communities where we operate.



Our People

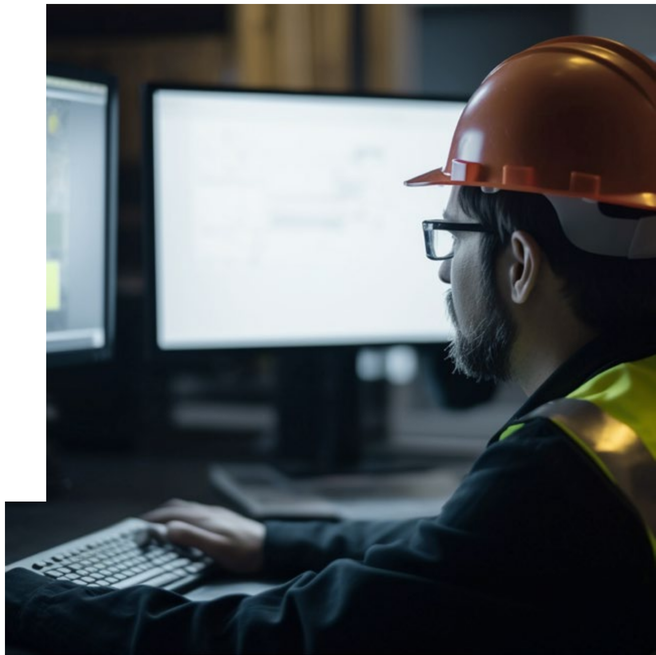
The essence of reliability

At Masdar Energy, our people are more than just employees; they are the cornerstone of our success and the embodiment of our commitment to 'Redefining Reliability'.

At Masdar Energy, our people are the true embodiment of our commitment to 'Redefining Reliability'. From seasoned experts to dynamic newcomers, our team is united in its pursuit of excellence. We understand that the cornerstone of reliability is not just in processes and technologies, but in the people who drive them.

Our team members are selected for their deep industry knowledge, technical proficiency, and alignment with our core values. They are the pillars supporting our mission to deliver unparalleled service quality. By investing in continuous training and development, we empower our staff to excel, innovate, and lead.

In every project and interaction, our people exemplify our commitment to operational excellence, resilience, and customer-centricity. They are not just our workforce; they are our ambassadors of trust, efficiency, and excellence in the energy sector. At Masdar Energy, we don't just redefine reliability - we live it, every day, through our people.





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