

China Leading Oil Suction And Discharge Hose Supplier Showcases Innovation at OTC



Danyang, Jiangsu Sep 4, 2026 ([IssueWire.com](https://www.issuewire.com)) - The Offshore Technology Conference (OTC) stands as one of the world's foremost events for the development of offshore energy resources. Held annually in Houston, Texas, it serves as a critical nexus for professionals, thought leaders, and companies driving innovation across the oil and gas industry, from exploration and production to environmental protection.

OTC: A Global Hub for Offshore Energy and Technology

The Offshore Technology Conference, first held in 1969, has grown into a prestigious gathering that draws tens of thousands of attendees from over 100 countries. Its primary objective is to disseminate cutting-edge scientific and technical knowledge related to offshore resources and environmental matters. The conference program is meticulously structured to cover the entire spectrum of the industry, offering a multi-disciplinary forum where engineers, executives, operators, scientists, and managers can exchange insights.

OTC features a robust technical program, including keynote speeches, panel discussions, and technical paper presentations, which address some of the most pressing challenges and advancements in the offshore sector. Key themes frequently explored include deepwater drilling and production, subsea systems, reservoir management, marine environmental protection, and renewable energy integration within the offshore space.

The exhibition floor is equally significant, hosting hundreds of companies showcasing the latest equipment, technologies, and services. It provides a comprehensive view of the industry's supply chain, from specialized engineering firms and seismic data providers to manufacturers of crucial components

like hoses, valves, and remotely operated vehicles (ROVs). The conference acts as a barometer for the health and future direction of the offshore industry, highlighting trends such as increased focus on decarbonization, digital transformation, and safety improvements. OTC's scale and scope solidify its reputation as the essential meeting place for those invested in the future of offshore energy.

Industry Outlook: Trends in Equipment for offshore oil transfer

The industry trend is toward products that offer enhanced performance, greater durability, and superior environmental safety. Operators are increasingly seeking solutions that can withstand harsh operating conditions, minimize downtime, and reduce the risk of environmental incidents, particularly hydrocarbon spills. Innovation is focused on material science, anti-fatigue design, and integrating sensors for real-time monitoring of hose integrity and performance. Compliance with stringent international standards, such as the Guide to Manufacturing and Purchasing Hose for Offshore Mooring (GMPHOM), is a non-negotiable requirement, driving manufacturers to continuously refine their design and production processes.

CDSR Technology: Specialization in Fluid Transfer Solutions

At this year's OTC, [Jiangsu CDSR Technology Co., Ltd](#) (CDSR), a Chinese manufacturer specializing in high-performance rubber products, highlighted its capabilities in the oil and gas marine sector. CDSR, whose brand name stands for China Danyang Ship Rubber, traces its origins back to the Danyang Ship Rubber Factory, which was established in 1971. This history underscores over 50 years of experience in the design and manufacture of industrial rubber products.

CDSR has established itself as a significant player in the field of large-bore fluid transfer solutions, particularly for marine and dredging applications. CDSR has become recognized as a leading and the largest Chinese manufacturer of marine hoses (specifically GMPHOM 2009 compliant) and various dredging hoses.

Core Product Focus and Applications

CDSR's product portfolio is strategically focused on specialized, large-diameter hoses critical for demanding offshore and marine operations.

Marine Hoses: These are designed primarily for Single Point Mooring (SPM) systems, which allow tankers to load or offload crude oil and refined products at sea. The hoses are a crucial link between the floating buoy and the tanker or subsea pipelines. Compliance with the rigorous GMPHOM 2009 standard is central to this product line, ensuring safety and reliability in deepwater transfer operations.

Dredging Hoses: CDSR has been producing hoses for dredging since 1990. Their offering includes a range of products necessary for transporting highly abrasive slurry, sand, and sediment. This includes armored suction hoses, [discharge hoses](#), and, notably, the development of the floating discharge hose in 1996—a product innovation that improved the logistics and efficiency of dredging operations in China at the time. These hoses are essential for infrastructure projects globally, including port maintenance, waterway deepening, and land reclamation.

Oil Suction And Discharge Hose Technology

The specific Oil Suction And Discharge Hose displayed by CDSR at the OTC is integral to offshore terminals and Floating Production Storage and Offloading (FPSO) units. These hoses must perform

reliably under severe dynamic stress, including pressure fluctuations, bending, and abrasive external environments like seawater and friction against the buoy structure.

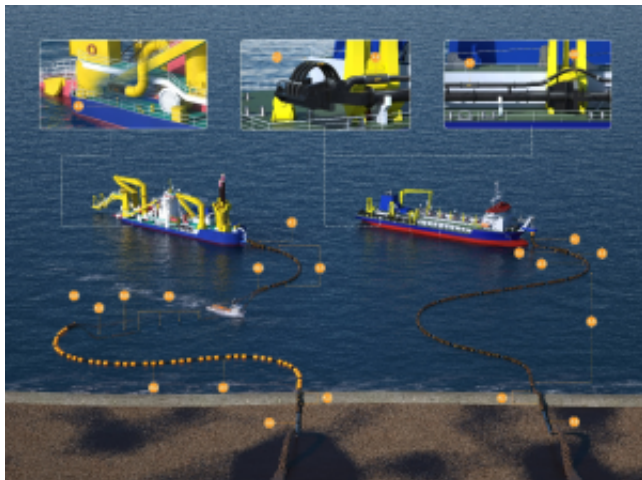
Key attributes of these advanced hoses include: High-tensile synthetic cord reinforcement to manage internal pressure and external loads.

Specialized rubber compounds in the lining to resist the chemical attack of crude oil and petroleum products.

Reinforced end connections designed to handle the frequent coupling and uncoupling and transfer high tensile loads.

The company's participation at OTC provides a platform to demonstrate its adherence to international quality benchmarks and its technical capacity to supply essential components for complex global offshore projects.

For further information on their product specifications and technical capabilities, the company's official website is: <https://www.cdsr-tech.com/>.



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