



# theTrend

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*What's Trending Now at Trendsetter Engineering*



Ron Downing,  
President

*Although 2020 presented us with unique challenges, Trendsetter pulled together, even when apart, to continue to provide the outstanding products and services that we have been known to offer with the same dedication to safety, quality, innovation, and rapid response.*

*Last year saw the debut of the Trident Modular Intervention System, which brings three brownfield revitalizing solutions into one forward-thinking device. The Trendsetter Connection System continued its ascent as one of the premier production products in the industry. Trendsetter's commitment to safety was demonstrated by a significant milestone, reaching 1,000,000 consecutive hours*

*worked without a recordable incident, a number that grows every day.*

*This year will mark Trendsetter's 25th Anniversary. We look forward to the opportunities ahead and continuing our legacy of excellence.*

***Stay safe and wear a mask!***

## TRENDSETTER DEMONSTRATES INTERNATIONAL EQUIPMENT DELIVERY EXPERTISE IN GHANA



Trendsetter Engineering, Inc. is pleased to announce the successful completion of a 3-Slot Production Subsea Manifold for a client in Ghana. This subsea manifold will allow for the expansion of an existing subsea production infrastructure off the coast of West Africa.

The project, managed via Trendsetter's Ghanaian entity, Trendsetter Vine Ghana, utilized 100% Ghanaian fabrication workforce along with 100% Ghanaian quality oversight in Takoradi. Trendsetter is able to add lasting value to the local workforce and continue the long-term knowledge transfer goals for the Ghanaian Oil & Gas Industry.

"This project is a testament to Trendsetter's commitment to building lasting value in Ghana. Trendsetter's recent projects have resulted in over 120,000 Ghanaian man-hours along with a knowledge transfer program for Ghanaian Recent Graduates. We're honored to play a part in the Ghanaian Oil & Gas story and look forward to building more value in Ghana," said Hamed Moshrefi, Managing Director of Trendsetter-Vine Ghana.

Trendsetter's scope of work includes the design and manufacture of the subsea manifold, the associated pipework, and the suction pile. Trendsetter was able to utilize Advanced Technology Valve's (ATV) world renowned expertise to refurbish existing 3rd party subsea gate valves for use in the manifold. This solution helped reduce both commercial and fabrication risks to the project.

## TRENDSETTER BRINGS MACHINE SHOP TO HEADQUARTERS

Trendsetter Engineering is pleased to announce that their internal machine shop operations have been relocated to their Northwest Houston-based headquarters. The move further streamlines their engineering, manufacturing, and assembly operations.

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## TRENDSETTER DRILLS INTO HOT TAP MARKET

The Trendsetter Hot Tap System was developed to tie in additional field architecture without interrupting production in the field. Hot tapping is an alternative technique that allows a new connection to be made without shutting down the system and venting gas or other fluid to the environment. Trendsetter developed unique hot tapping technology that allows for the permanent tie in of a new flowline connector to an existing vertical jumper. This was demonstrated through successful qualification testing (sealing and drilling on various size pipe diameters). The execution of this project showcases the wealth of experience Trendsetter brings to the table through industry leading engineering and manufacturing capability we have in house. Overall the success of the scope execution was directly attributed to all the teams working together in each phase. The project was finished in time for

subsea installation in an environment that was demanding and required the utmost skill and communications. Each team is recognized for a tremendous success in a job well done.

# HOT TAP



## RENTAL WELLHEAD CONNECTORS DEMONSTRATE RAPID RESPONSE CULTURE

Trendsetter Engineering Rentals and Services division continues a trend of providing value added equipment and services to operators. With a strong inventory of wellhead connectors, the industry has trusted Trendsetter's ability to deliver rapid customized solutions with these connectors for over half a decade. This has been particularly true for recent critical time sensitive operations.



Trendsetter was recently called upon to mobilize a connector to help retrieve a subsea BOP stack. The connector assembly consisted of a 450-ton drill-pipe adapter that allowed retrieval of the heaviest BOP

stack that Trendsetter has recovered to date. A week later, another wellhead connector was utilized as a pressure cap during an abandonment project. These kits were contracted,

mobilized, tested, and deployed in only a few days, cementing the dependability Trendsetter has earned with customers.

Trendsetter has added to its rental fleet of connectors with a lightweight mechanical H4 lift tool. The mechanical tool is designed to fit a 27" H4 VX profile and can be outfitted with a high-capacity padeye or drill-pipe adapter. The vessel or rig ROV teams will appreciate the ease of operations by not having to use hydraulics to actuate the tool by only using the four t-handles. Additionally, the light assembly weight (1.5 tons) combined with large lifting capacity (150 tons) is the stand out feature of this versatile equipment. Trendsetter mobilized this lifting tool in Q4 2020 for an Operator in the Gulf of Mexico and has several contracted campaigns upcoming in 2021.



## TRENDSETTER BRINGS MACHINE SHOP TO HEADQUARTERS *Continued from page 1*



Trendsetter completed the acquisition of Wiltor Machine in 2015, adding a 6,000 square foot precision machine shop in North Houston that brought complete turnkey, proto-type, and production machining for the oil and gas industry in-house. Trendsetter Machine has extensive experience machining stainless steel, Inconel, titanium, beryllium copper, etc. and includes CNC lathes, CNC mills, manual lathes and manual mills.

"By moving the machine shop to Trendsetter' headquarters, we now have the ability to engineer our Trendsetter connector hubs, machine them using our state-of-the-art equipment, and test them all under one roof," says Ron Downing, President of Trendsetter Engineering. "This strategic move allows us to be nimbler as a company and produce turnkey solutions that will benefit our customers for years to come."



USA  
Visiting address:  
10430 Rodgers Road  
Houston, Texas 77070  
tel+1 281-465-8858

Trendsetter Engineering *A Legacy of Excellence*

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