



Industry's Largest Zap-Lok Pipe Press

Caley Ocean Systems designed and manufactured the industry's largest Zap-Lok pipelay press for NOV Tuboscope.

The press can handle a range of pipes with a 16" diameter, and features Caley's proven friction clamp technology to create a quick and efficient weldless joint for rapid pipelay operations. The mechanical connection between carbon steel pipes eliminates quality issues which arise from traditional welding operations, and the costly need for weld inspection. Caley's system ensures a faster, safer and more cost effective pipelay.

Caley's friction clamp pushes together the pre-formed pipe's bell-end and pin-end. The hardened steel pads hold the pipe in position while epoxy resin is added. The entire connection process takes less than five minutes. In addition to handling the largest pipes, Caley's Zap-Lok press can handle pipes made from the highest grade steel, and with the largest wall thickness.



"The Zap-Lok is a highly cost effective way to deploy pipelines offshore, especially for marginal fields in shallow water. Using Caley's Zap-Lok press, we've just made the case for Zap-Lok even more compelling." – Dr Ben Chapman, Director Eastern Hemisphere, NOV Tuboscope

Caley Ocean Systems designs and manufactures offshore handling systems for the international energy, defence, seismic and oceanographic science industries. In addition to its Glasgow-based design facilities, Caley's dedicated manufacturing plant has direct access to the River Clyde. Established in 1968, Caley became part of the Seanamic Group in 2014, and now works alongside Pipelay Systems, IMES International and Umbilicals International.