

Tubing Punching Services

On Depth, On Time, Delivering Value

Tubing punching is a critical enabler with many applications across the well lifecycle - from retrofit gas lift and chemical injection to zonal access, pressure equalisation, and multi-string circulation during well decommissioning. Expro's Tubing Punching Service offers a versatile portfolio of conveyance and punching options to suit virtually any operational scenario.

As an independent service provider, Expro has the flexibility to select best-in-class punching solutions through our technology partnerships and global supply chain, enabling solutions to be tailored to each customer's unique operational and technical requirements.

Punching methodology can be generally categorised into five main types: Explosive, Thermite/Plasma, Mechanical, Electro-Mechanical and Hydro-Mechanical - each with characteristics that guide punch selection for a given application - including HAZMAT considerations, ability to create multiple holes, a larger hole size or the ability to punch through more than one tubing string.

Key Selection Criteria by Punching Methodology

Methodology	Non-HAZMAT	Big Hole/Slot	Multi-Hole	Multi-String	WL deployed
Explosive			✓	✓	✓
Thermite/Plasma	✓	✓	✓		✓
Mechanical	✓				✓
Electro-mechanical	✓		✓		✓
Hydro-Mechanical	✓	✓	✓	✓	

Key Applications

- Well circulation
- Tubing-Annulus pressure equalization
- Retrofit Gas Lift orifice or check valve
- Retrofit chemical injection orifice or check valve
- Enabling hydraulic communication to adjacent zones
- Multi-string punching for well decommissioning circulation

Once the optimal punching solution has been selected, combining it with an operationally efficient deployment method is fundamental to a successful tubing punching operation.

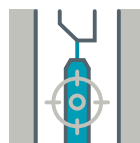
Expro offers a comprehensive suite of deployment options designed to deliver our punching solutions to depth - safely, accurately and to initiate the Punch with the highest level of integrity.

Our range of deployment solutions includes:

- Slickline
- E-Line
- Slick-E-Line
- Braided Cable
- Tractors
- Coiled Tubing
- Drill Pipe

Why choose Expro?

- Best in class technology selection
- Comprehensive deployment options, including Dual Drum "Combo" Units for multi-service small footprint intervention
- Field-proven - applied across oil, gas and geothermal wells
- Non-hazmat options for safer handling, execution and simplified logistics
- High Integrity eXequor Trigger and SEL-SAS initiation for Slickline and Slick-E-Line deployments
- Global reach, rapid mobilisation and local execution



Cased Hole Services



CORETRAX®

To discuss an application, contact:

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