

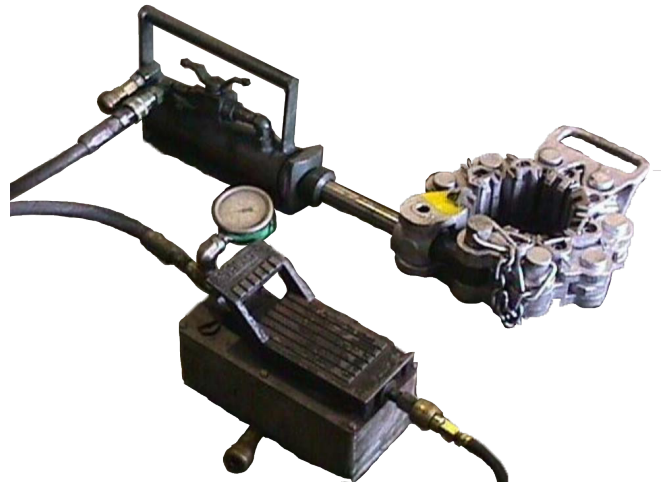
Well Construction

Frank's Tubular Running Service (TRS) - Casing Technologies

Clamp Master

The Expro Clamp Master uses a hydraulic cylinder to tighten the safety clamp instead of the standard screw and torque nut which is tightened with a hammer and wrench. By eliminating the use of the hammer and wrench, the job of installing and removing the safety clamp is faster, easier, and safer than before. Red -Zone Exposure time is minimized, as is the risk of DROPS, by eliminating the use of hand-tools around the rotary.

The safety clamp is used in the same way, and serves the same purpose, but no longer requires the assembly to be tightened manually. The air-operated hydraulic pump is turned on and off by a foot-pedal operated switch. When the pedal is moved to the 'grip' position, the hydraulic cylinder retracts and pressurizes within seconds, providing the required clamping force. To release the clamping force, the foot pedal is moved to 'release' position, allowing pressure to bleed back to the self-contained tank as the cylinder extends. Assembly is reliable and repeatable as the same pressure and clamping force is applied to the safety clamp every time.



Features and benefits

- Compatible with Type T, Type C and Type MP Safety Clamps
 - o Reduces personnel in the Red Zone
 - o Reduces Red-Zone Exposure Time
 - o Reduces risk of injuries
 - o Reduces risk of DROPS
 - o 4,900 lbs of clamping force