

# TADPRO<sup>®</sup>

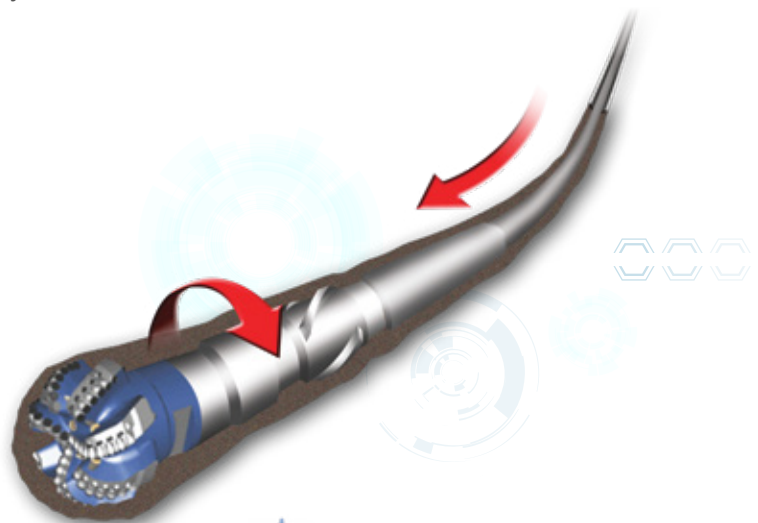
## Torque and Drag Model

### Overview

Today's more prevalent extended-reach directional wells mean that tubulars are exposed to a greater amount of torque and drag (T&D). Torque and drag not being evaluated can result in stuck pipe, pipe failures, and costly fishing jobs.

TADPRO, the most comprehensive torque and drag software in the market, removes many risks of a drilling operation, completion design or specific tool operation. Limits in the length of a horizontal based on specific friction factors can be determined. The ability to get needed weight to a liner-top packer can also be evaluated. With the ability to analyze forces downhole, rig equipment specifications for torque and hookload can be predicted.

With unparalleled user-friendliness and graphical outputs in the industry, TADPRO provides both versatility and accuracy in its calculations. The software also integrates advanced features that make it extremely easy to use and allow results to be interpreted effortlessly.



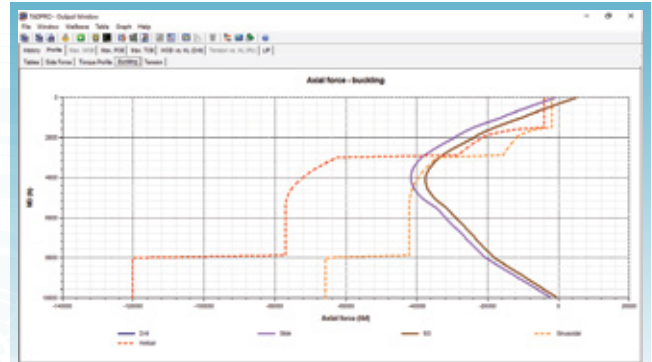


## Features

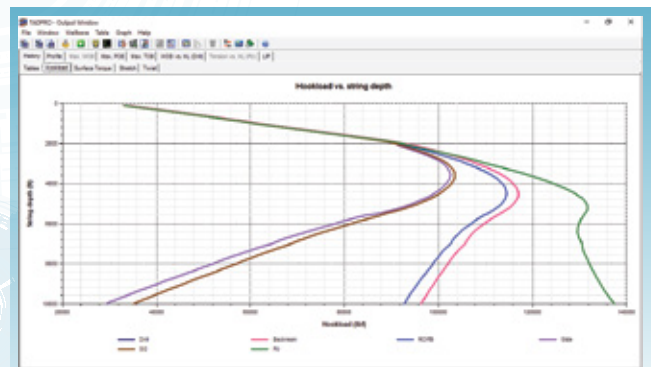
- Survey import from Excel®, text or PDF® file
- Survey tortuosity
- Drilling, back reaming, rotating, and tripping operations
- Stiff string model
- Buckling calculations
- Sensitivity analysis on friction factor
- Friction factor calibration
- 2D/3D animation
- Liner cementing job
- Casing flotation
- Packer setting
- Field data comparison
- Graph customization
- Graph formatting options
- Microsoft Word® report
- US oil field, SI and customized units
- Multi-language: English, Spanish, Chinese, Russian and Portuguese

## System Requirements

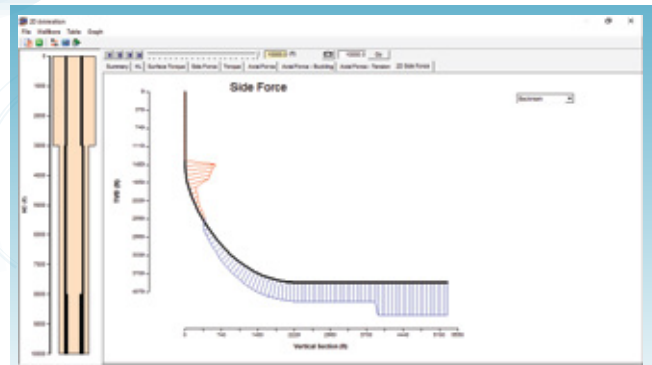
- Microsoft Windows® 10 or above
- Microsoft Office® 2016 or above
- Dual-core processor, 1.4 GHz or higher (Not compatible with ARM processor)
- 4 GB RAM
- 200 MB of free disk space for installation
- 1,280 x 768 display resolution



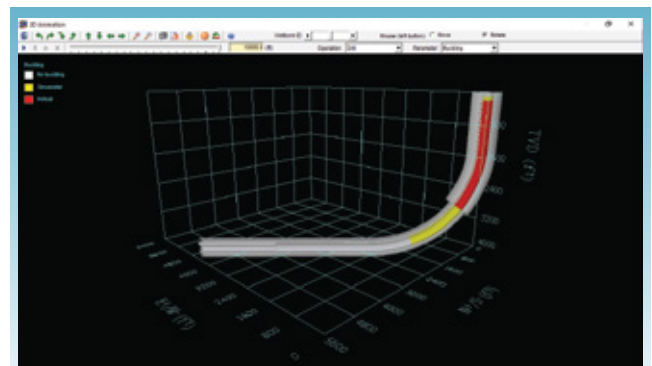
Axial Force Profiles & Buckling Limits



Hook Load



Side Force



3D Buckling Animation

