

LAND RIGS PORTABLE SIMULATOR

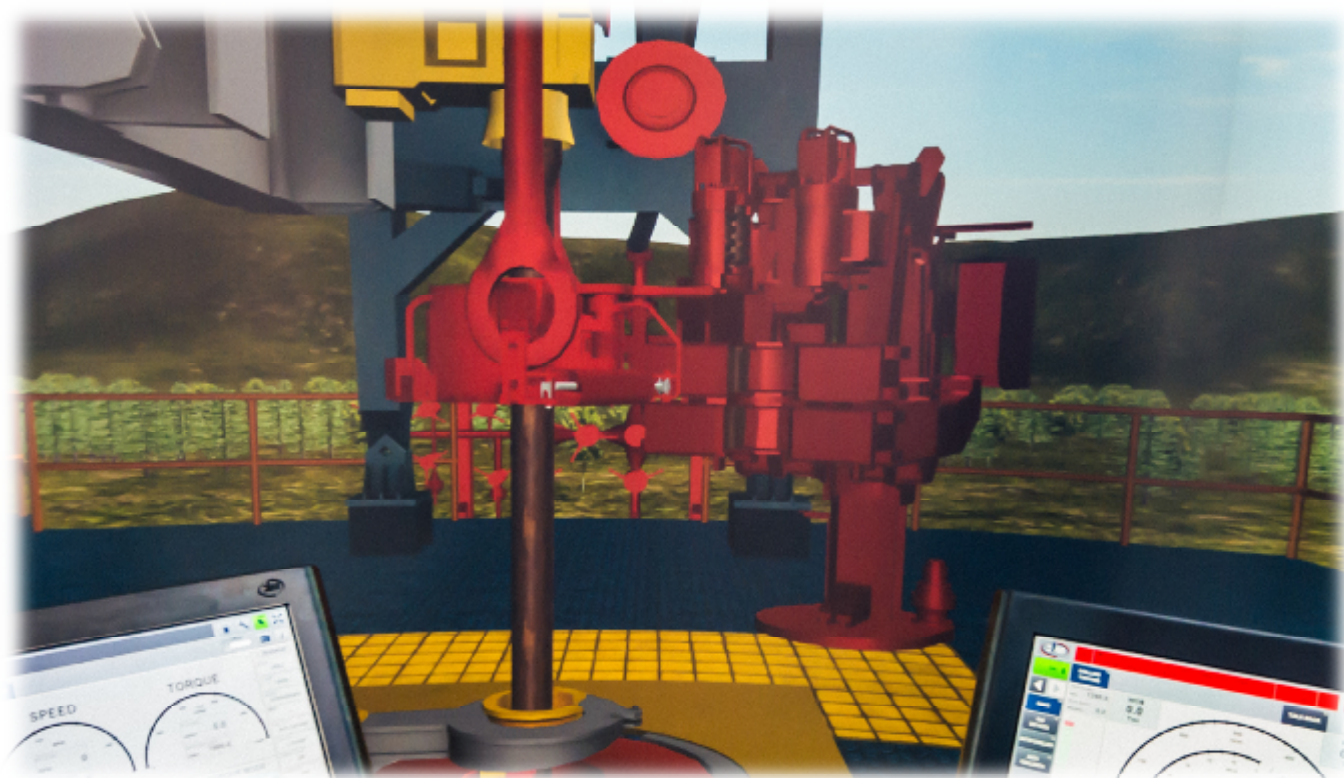
Drillmec Land Rigs Portable Simulator is designed to train both operational and electrical/software maintenance teams.

It is designed with a cyber control panel, reproducing exactly the rig's one, associated to four HMI control screens and one TV monitor for visualization.



OPERATIONAL TEAM TRAINING

The simulator reproduces the operative sequences of tripping and drilling, both with single joint and triple stand, simulating rig controls, devices operations, HMI supervision and well response.



ELECTRICAL/SOFTWARE MAINTENANCE TEAM TRAINING

The simulator reproduces the generators and services startup and shutdown sequences, as well as complete HMI subsystems analysis and parameters setup.



All the electrical and software sequences simulates the relative starting conditions and interlocks. It's possible to create failures related to the absence of those conditions, to be able to focus on reasons and corrective actions.

