

# JACKING CONTROL SYSTEM

## PRECISE MONITORING AND CONTROLLING FOR JACKUP RIGS

SMEC Jacking Control System is composed of Upper leg Guide, Jacking Frame, jacking pinion on jacking unit, Leg chord-split-pipe with oppose teeth rack and rack chock system for static holding. The control system supports control start-up operations and precise speed control can be achieved. It provides information needed for jacking control and maintenance. Advanced report function enhances the safe and smart operation which is user friendly.

SMEC jacking system consists of a security feature which is the fail-safe monitoring system. This fail-safe monitoring system will come in handy if the operator can't respond to a warning signal in proper time. So in case of any emergency, the fail-safe monitoring system will shut down the jack-up process.



## WHY SMEC?

### Features:

- Single cord jacking can be done with daisy wheel sensor
- SMEC Jacking system can use hydraulic as well as electric motor system too
- SMEC Jacking system can be controlled by an advanced control system that are futuristic
- The hydraulic jacking system will come in handy during the installation process
- SMEC hydraulic jacking system provides hydrodynamic and aerodynamic characters
- The jacking system will be protected from mechanical or environmental hazards by the jacking house
- The monitoring system will be useful for the operator to achieve accurate measurements with the help of proper electronic and mechanical systems
- Automated operation
- Real-time monitoring and controlling can be achieved
- Advanced display which provides all the relevant information such as the RPD information