

## XJ700 型网电修井机 自平衡井架

### XJ700 GRID POWERED WORKOVER RIG SELF BALANCED MAST

该型设备是一种新型高效节能环保车载网电修井机。主要由 6×6 修井机专用底盘、电控系统、液压系统、绞车总成、交流变频电机、无绷绳自平衡井架总成、司钻房等部件组成，是满足油、水井小修作业需求的一种新型修井设备。

XJ700 is a new type of truck mounted grid powered workover rig featuring high efficiency, energy saving and emission reducing. It is mainly composed of 6 x 6 special chassis, electric control system, hydraulic system, drawworks assembly, AC variable frequency motor, self-balanced mast assembly without guy line, operator's cabin, etc., which is suitable for oil or water well minor repair.



#### 产品特点

- 1、选用全驱动底盘，越野性强，适合油田各种复杂路况；
- 2、变频电机通过恒功率、恒转矩调速适应不同负载的需求，精度高，调速平滑；
- 3、控制系统集中控制，具有过载、限速、智能游钩位置控制等功能；
- 4、专利技术自平衡双节井架，无需绷绳、减少场地占用面积、缩短作业准备时间；
- 5、备用泵组为液压马达提供动力，实现解卡、紧急断电时井架收回及封井等作业。

#### Features

1. Full drive chassis, good cross-country capacity adapting to oilfield various complex road conditions;
2. The variable frequency motor has its output speed controlled by constant power and constant torque to adapt different hook loads, realizing precise and stable speed regulation;
3. Control centralized in cabin for overload, speed restricting, and hook position intelligently control;
4. Patented self-balanced double section mast without guy line reduced site area and shortened preparation time;
5. Backup pumps offer power for jam release, mast return and well killing when power is off in emergency .

#### 整机主要参数 Specifications

小修深度 m( $2\frac{7}{8}$ (φ 73mm) 油管) Service Depth( $2\frac{7}{8}$ (φ 73mm) Tubing)	3200
大钩额定钩载 kN Rated Hook Load,kN	400
大钩最大钩载 kN Max.,Hook Load,kN	675
绞车电机功率 kW Rated Power, Winch,kW	90
井架高度 (离地) m Working Height(Ground Clearance), Mast, m	18 (两节 Double Section)
游动系统 Traveling System	4×3
大绳直径 mm Dia.,Wine Line,mm	Φ 22
大钩起升速度 m/s Hoisting Speed, m/s	0-1.4
主刹车 Main Brake	液压盘式刹车 Hydraulic Disc Brake
辅助刹车 Auxiliary Brake	主电机能耗制动 Main Motor Dynamic Braking
最大总质量 kg Max.Total Weight,kg	38000
外形尺寸 (长 × 宽 × 高) mm Overall Dimensions (L × W × H),mm	14630 × 3050 × 4295