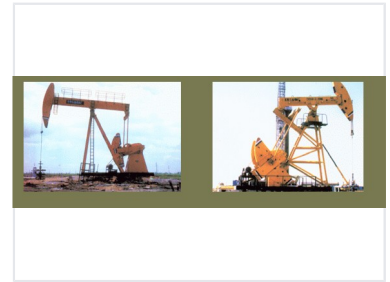


# Oil Well Pumping Unit

Pumping units extract crude oil from wells using a downhole pump. They convert rotary motion into reciprocating vertical motion to lift fluid to the surface.



## Product Overview

### High-Efficiency Oil Well Pumping Unit

This advanced pumping unit utilizes an optimized linkage mechanism to achieve superior counterbalance torque and smooth operation. By lengthening the upstroke time, the design reduces rod acceleration by 30%, significantly extending the service life of critical components like the pump and rod string. Engineered for high performance, it delivers stable, shockless operation while consuming 20-30% less energy than conventional models.

## Technical Specifications

|                  |             |
|------------------|-------------|
| Upstroke Angle   | 197 degrees |
| Downstroke Angle | 163 degrees |

## Performance Metrics

### Performance Improvements

|   |  |                                       |
|---|--|---------------------------------------|
| <b>30 %</b><br>Rod Acceleration Reduction | <b>40 %</b><br>Gear Reducer Torque Reduction                                       | <b>25 %</b><br>Average Energy Savings |
| <b>Operational Advantages</b>             | Stable Running, Superior Balance, Lower Noise, Reduced Wear, Extended Service Life |                                       |