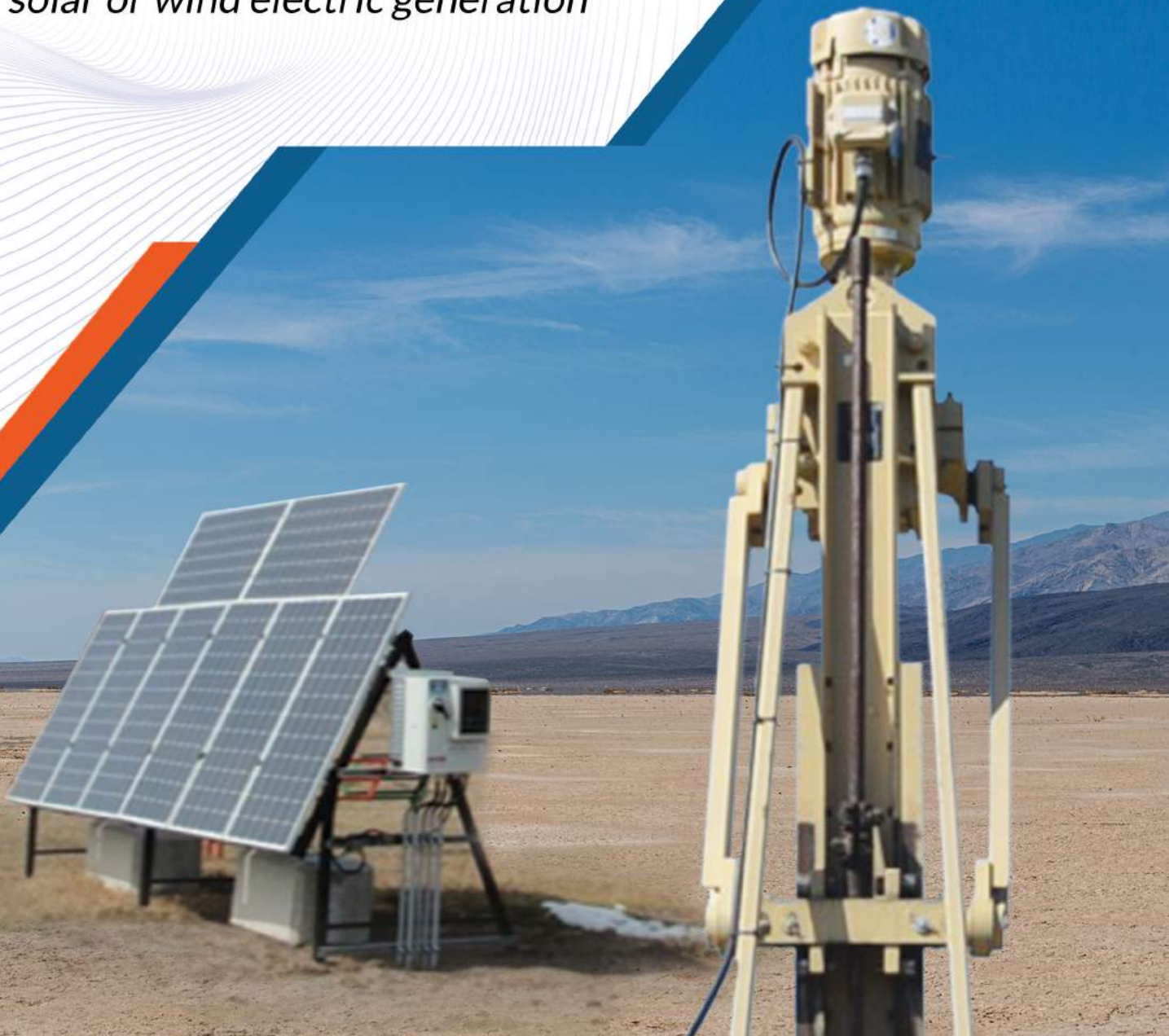




Unico CRP[®] Crank Rod Pump

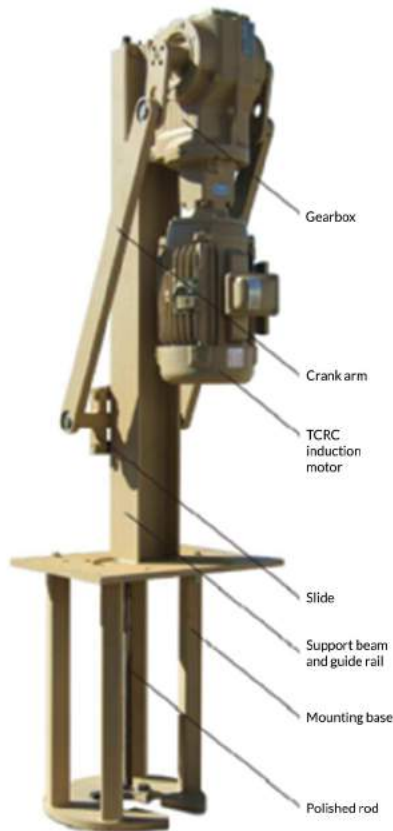
Short stroke units for shallow wells and dewatering applications. Uniquely designed to be compatible with solar or wind electric generation



Revolutionary Alternative Pump Solution

The Unico CRP® is an innovative alternative to conventional beam pumps and progressing cavity pumps.

The CRP® system provides outstanding performance and efficiency using sophisticated controls and simple mechanics.



CRP Advantages for Shallow or Remote Wells

The ultra-compact package features a minimal footprint and very low profile.

The system is ideal for shallower, low-flow wells as well as those in remote locations requiring alternative power.

Its reliable and low maintenance direct-drive crank mechanism is easily transported and mounted to a conventional well-head completion.



Why UNICO CRP® Systems are the Preferred Lift for Shallow or Remote Wells

A short stroke pump coupled with patented pump algorithms in a Unico Variable Speed Drive achieves maximum performance.

Production Optimization

- Pump Fill Control
- FOP/PIP Calculation
- Surface/Downhole Dynacards
- Automatic Unmanned Valve Check
- DH Friction Calculation

Energy Efficiency

- Improved Power Factor
- Optimum Speed Control
- Direct Drive
- Solar Power Optimizer
- Flat Power
- Power Management

Equipment Protection

- Sensorless Control
- Rod Load Control
- Pump Diagnostics
- Gearbox Torque limiter
- Bridle separation Control

Advanced Features

- UEDIT-built in PLC
- Digital Twins
- Mobile Device Connectivity
- Well Analytics
- Pump/Rod Velocities/Position.
- Pump Diagnostics
- Pump Expert
- Fault / Event History
- Technical Support/Training
- Remote Connectivity



Unico CRP® system configurations for maximum application flexibility

The Unico CRP® system provides a cost-effective solution for low flow wells. Its reliable and low maintenance direct-drive crank mechanism are the perfect match to optimize production rates ranging from 20 BPD at 1000 meters, to 200 BPD at 350 meters.

A solar powered option makes it extremely attractive for remote operation on coal bed methane or stripper oil wells.

Model Number	Rod Stroke(in)	Rod Force(lb)	Rod Speed(fpm)	Pump Speed(spm)
C137g-mmmm-012	12	23,00	4-80	1-25
C239g-mmmm-012	12	4,000	4-80	1-25
C381g-mmmm-012	12	6,400	4-80	1-25
C137g-mmmm-018	18	1,500	6-120	1-25
C239g-mmmm-018	18	2,700	6-120	1-25
C381g-mmmm-018	18	4,200	6-120	1-25
C708g-mmmm-018	18	7,900	6-120	1-25
C137g-mmmm-024	24	1,100	8-160	1-25
C239g-mmmm-024	24	2,000	8-160	1-25
C381g-mmmm-024	24	3,200	8-160	1-25
C708g-mmmm-024	24	5,900	8-160	1-25

By combining different gearboxes, motors and drives, the CRP® system provides maximum application flexibility.



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