



Unico CRP[®] Crank Rod Pump

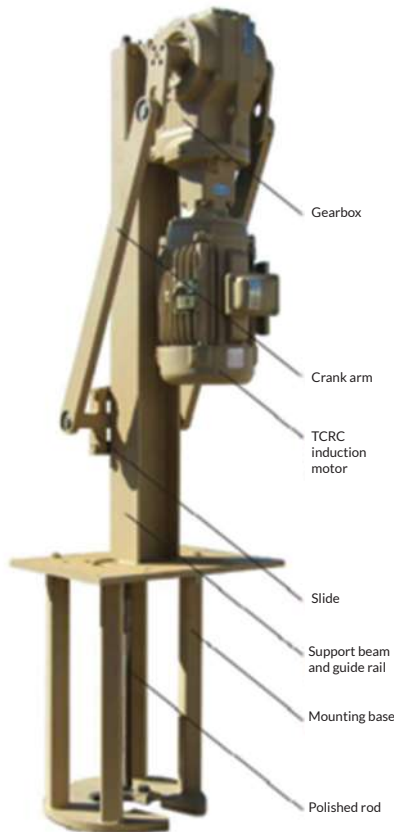
*Short stroke units for shallow wells and dewatering applications.
Uniquely designed to be compatible with solar or wind electric
generation*



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



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

The Unico CRP® system provides a cost-effective solution for low flow wells. Its reliable and low maintenance direct-drive crank mechanism is 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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UNITED STATES

CORPORATE HEADQUARTERS
3725 Nicholson Rd. P. O. Box 0505
Franksville, WI 53126-0505
(262) 886-5678

UNITED KINGDOM

Unico (UK) Ltd.
Garamonde Drive Wymbush,
Milton Keynes MK8 8LF
+44.1908.260000

GERMANY

Unico Deutschland GmbH
Dortmunder Straße 7
D-57234 Wilnsdorf
+49.2739.303.0



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Specifications subject to change without notice.

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COLOMBIA

Centro Empresarial Metropolitano
KM. 3.4, Calle 80-Via Siberia-Cota.
Modulo 1, Bodega 6
+ (57-1)-7469550/7469569
+57 -3173650663

AUSTRALIA

(Manufacturing, Engineering,
Sales And Service)
Unit 3, 553 Boundary Road
Darra, Queensland 4076
+61.7.3713.7830
+61(0)439.700.548

CANADA

1515 Matheson Blvd, East
Unit # B5
Mississauga, Ontario
L4W 2P5
Canada
(905) 602-4677