



Unico LRP[®] Gen III Linear Rod Pump

*Proven to enhance well performance
and safety in sucker rod pump applications.*



Leaders in Optimization Automation

The Unico LRP® Gen III system is designed to optimize well production and improve wellsite safety and aesthetics while also extending the life of downhole pump, rods, and tubing.

An extensive range of stroke lengths and lift capacities are available to meet production needs

Its compact design with rugged mechanics is easily installed on any conventional wellhead completion, atop a stand that bolts directly to the casing flange. No Special wellhead completion required.

Advantages for Rod Pump Wells

- Small Footprint
- Quiet Operation
- Easy Transportation/ Installation
- Enclosed Design for Safety
- Low Maintenance
- Visual Appeal
- Reduced Environmental Impact

GEN III Enhancements

- Easily Assembled/ Disassembled/ Maintained
- One-Piece Cast Steel Pinion Box for Durability
- Machined Flange Connections with O-Ring Seals
- Advanced Gear Profile for Long life
- Simplified One-Piece Guide Bushing
- Extended Life with Double Gearbox Seals
- Integrated Brake Options



Advanced Control Features of the Unico LRP[®] Gen III System

An electromechanical linear lift mechanism coupled with patented pump algorithms in a Unico Variable Speed Drive achieves maximum performance.

- Sensorless Surface and Downhole Dynamometer Control
- Variable Stroke /Position - Easy Pump Spacing
- Dynamic Pump Speed Control
- Autonomous Pump Fill Control w/ Auto Setpoint
- Pump Clean™ Mode
- Sensorless PIP/FOP estimate/control
- Dynamic Rod Load Damping
- Rod Fall Control
- Automated Valve Check
- Cable-Free Rod Rotator
- Optional Polished Rod Push Tool Feature
- Full Unico SRP VSD Feature Set



Unico LRP® Gen III configurations designed for a range of well conditions

Light Duty (LD)

Rated Lifting Capacity	5,000 lbs.		
Rated Gearbox Torque Capacity	13,700 in-lbs		
Rated stroke (in.)	12	24	36
LRP weight without oil (lbs.)	511	534	566
Over all height above stand (in.)	75	99	123

Standard Duty (SD)

Rated Lifting Capacity	12,000 lbs.			
Rated Gearbox Torque Capacity	23,900 in-lbs			
Rated stroke (in.)	20	32	44	56
LRP weight without oil (lbs.)	806	1197	1232	1272
Over all height above stand (in.)	95	120	143	166

Heavy Duty (HD)

Rated Lifting Capacity	19,000 lbs.				
Rated Gearbox Torque Capacity	38,100 in-lbs				
Rated stroke (in.)	32	44	56	64	86
LRP weight without oil (lbs.)	1875	1950	2025	2075	2200
Over all height above stand (in.)	141	177	202	233	255

Tandem Heavy Duty (THD)

Rated Lifting Capacity	38,100 lbs.			
Rated Gearbox Torque Capacity	76,200 in-lbs			
Rated stroke (in.)	86	100	120	144
LRP weight without oil (lbs.)	2500	4700	5000	5300
Over all height above stand (in.)	237.6	303	346	385



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Specifications subject to change without notice.

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