



Unico LRP[®] Gen III Linear Rod Pump

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



Streamlined Rod Pumping Solution

The Unico LRP® Gen III system is designed to maximize oil production and enhance well performance while protecting downhole components.

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

Its compact design with simple mechanics is easily installed on any conventional wellhead.

LRP Advantages for Rod Pump Wells

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



Why Unico LRP[®] Gen III Systems are the Preferred Lift System

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

- Variable Stroke /Position – Easy Spacing
- Superior Pump Speed Control
- Pump Fill Control w/ Auto Setpoint Adjust
- Pump Clean™ Mode
- Sensorless PIP/FOP estimate/control
- Sensorless Rod Load Control
- Rod Fall Control
- Automated Valve Check
- Cable-Free Rod Rotator
- Optional Polished Rod Push Tool Feature
- Speed Profiler



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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