



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 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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Specifications subject to change without notice.

LRP.20(000)

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