

*Need more production?
You're in the right place*

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SIVAM POWERLIFT

Revolutionizing Sucker Rod
The Future is Long-Stroke Hydraulic

KEY SYSTEM COMPONENTS

POWER UNIT

Core of the system — includes hydraulic pump, electric motor, and oil tank

HYDRAULIC CYLINDER

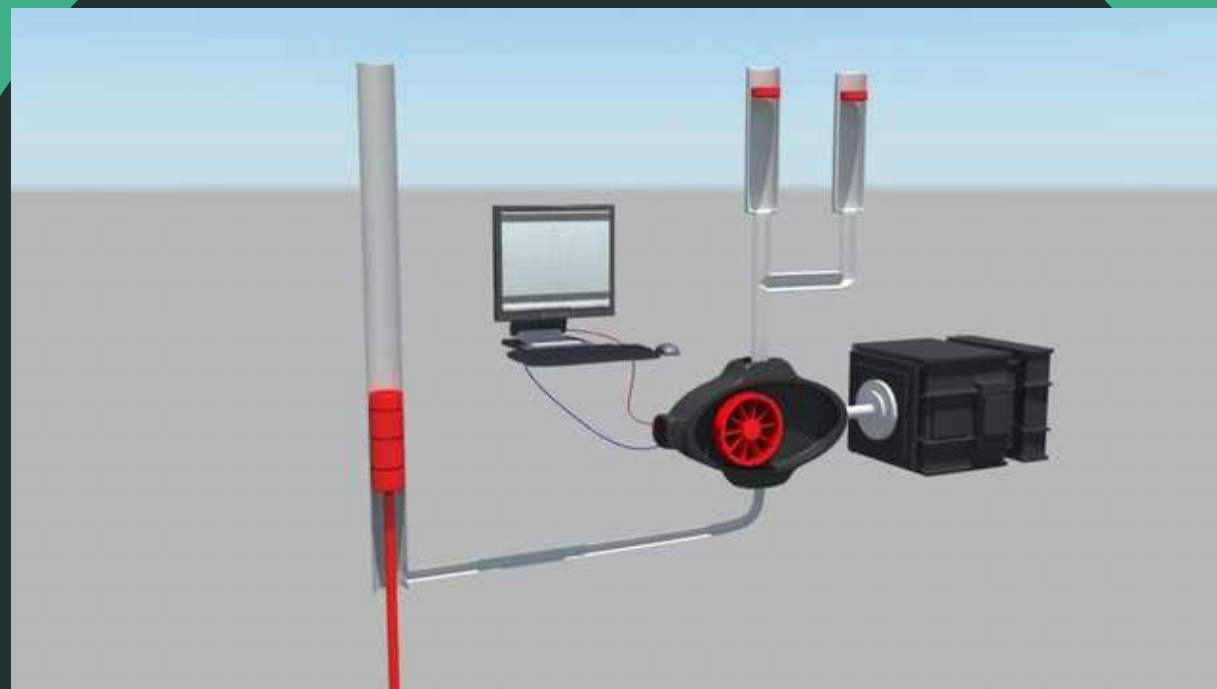
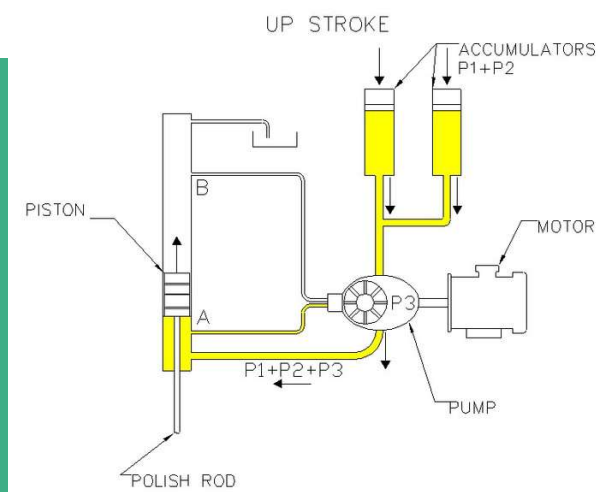
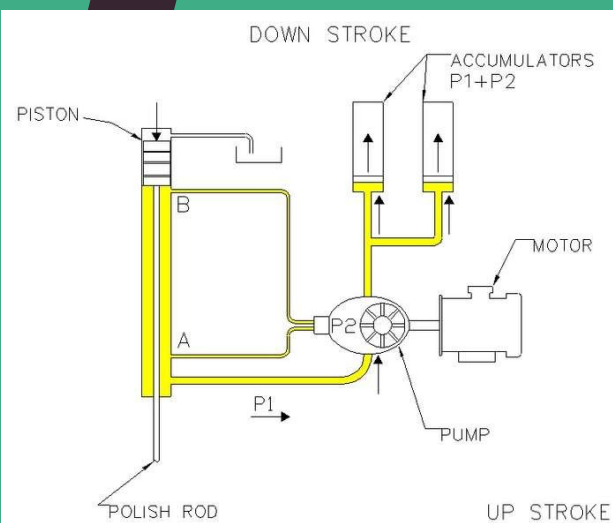
Mounted on wellhead adapter; enables piston-driven rod stroke

WINDOW SPOOL

Base-mounted; contains BOP, stuffing box, and flow-T

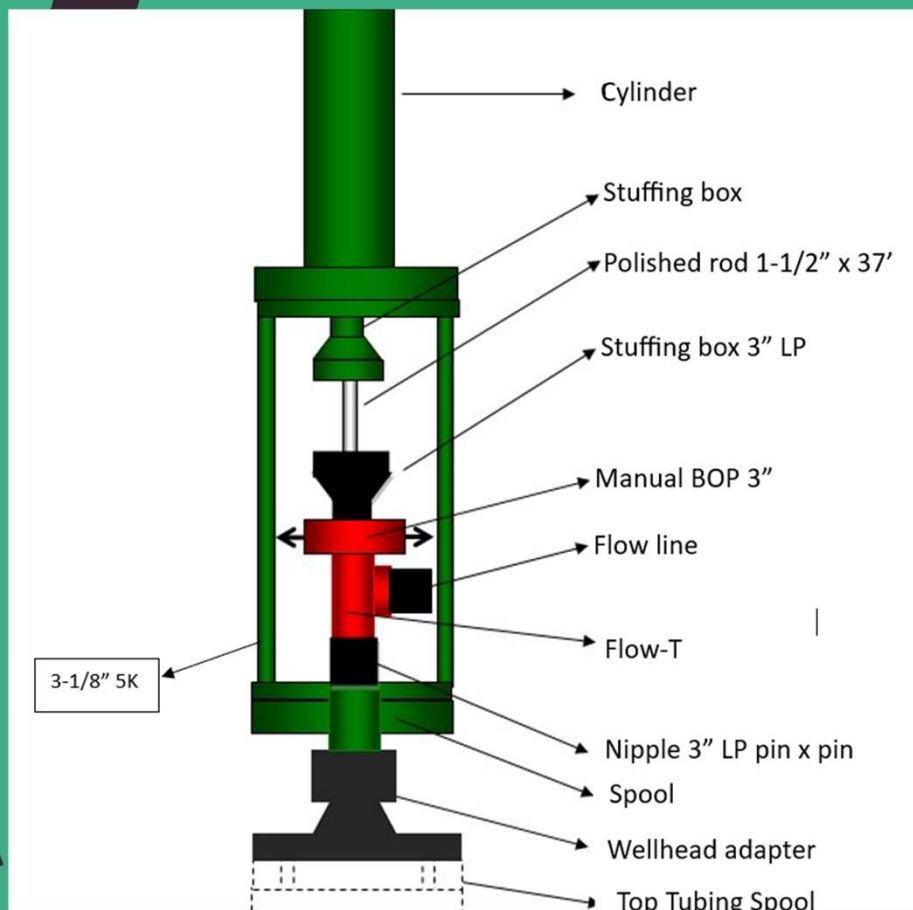


HYDRAULIC CIRCUIT

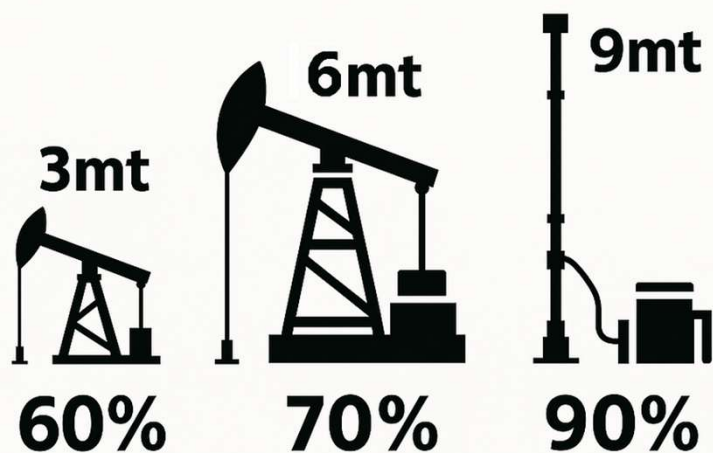




SPOOL



LONG STROKE MEANS MORE PRODUCTION, LESS WEAR



**DOWNHOLE PUMP
EFFICIENCY
AT 2000mt DEPTH**

- Higher volumetric efficiency per cycle
- Lower plunger velocity reduces mechanical wear
- Smoother fluid inflow → improved pump filling
- Enhanced compression recovery

Higher net liquid production with reduced stress on components



POWERLIFT LONG STROKE BENEFITS FOR RODS AND TUBING

- Reduced rod and tubing friction and wear
- Fewer component failures → lower maintenance costs
- Less well downtime → fewer rig or rigless interventions
- Lower buckling risk in deviated wells



POWERLIFT LONG STROKE EASY & CHEAP INSTALLATION

- No civil works required
- Plug-&-Play setup, rig-up in 3 hours
- Ideal for testing production
- Reduces Non-Productive Time (NPT)



POWERLIFT LONG STROKE NO SETTING LIMITATION

Depth is no longer a limit, it's a performance advantage

- No gear box, no setting limitation
- Deeper pump means less free gas
- Higher downhole pump efficiency, especially in gassy wells
- PowerLift handles wells that conventional pumps can't

POWERLIFT LONG STROKE WATER CUT & SAND MANAGEMENT

Long-stroke pumping helps mitigate water-cut and sanding challenges

- Smoother drawdown reduces water-coning
- Lower turbulence at pump intake mobilizes less sand from the formation
- Less shock loading and vibration at downhole means fewer sanding triggers
- Reduced solids means reduced erosion on surface equipment



POWERLIFT LONG STROKE IDEAL FOR PLATFORM INSTALLATION

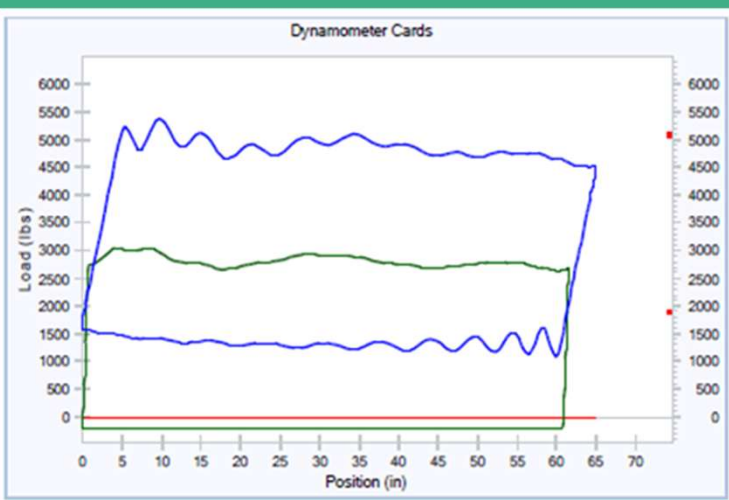
- Compact size for limited spaces
- Lightweight and easy to handle
- Suitable for off-shore platform
- Can be installed with a small crane



CASE STUDY #1: 2.75" Pump

BEAM PUMP

Pump size: 2,75"
Stroke length: 64" (1.63mt)
Pumping speed: 6 SPM
Production rate: 361 bfpd

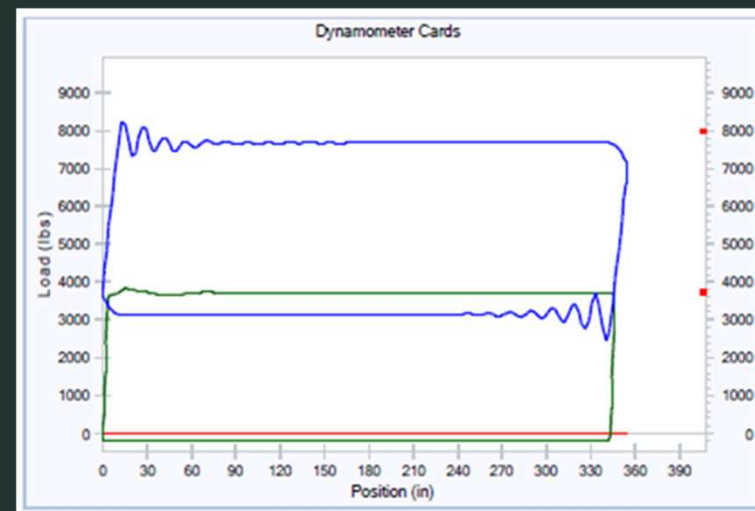


**GAIN OF OIL
499 BFPD
+138,2%**

Beam Pump cycles/year
3,155,760

POWERLIFT

Pump size: 2,75"
Stroke length: 354" (9mt)
Pumping speed: 2.7 SPM
Production rate: 860 bfpd

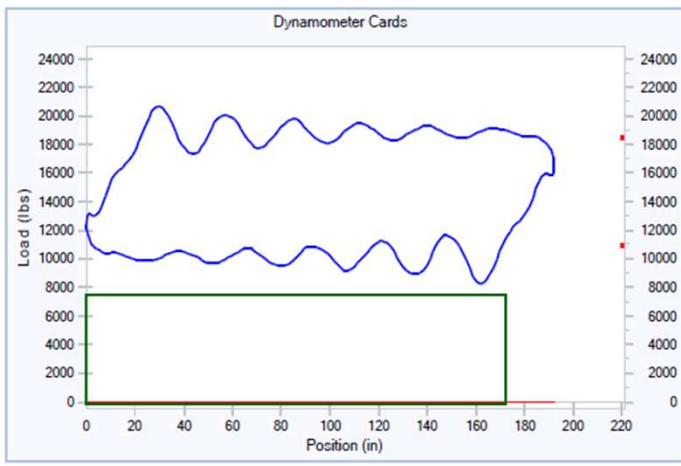


PowerLift cycles/year:
1,420,092

CASE STUDY #2: 2.50" Pump

BEAM PUMP

Pump size: 2,5"
Stroke length: 192" (4.9mt)
Pumping speed: 6.6 SPM
Production rate: 346 bfpd

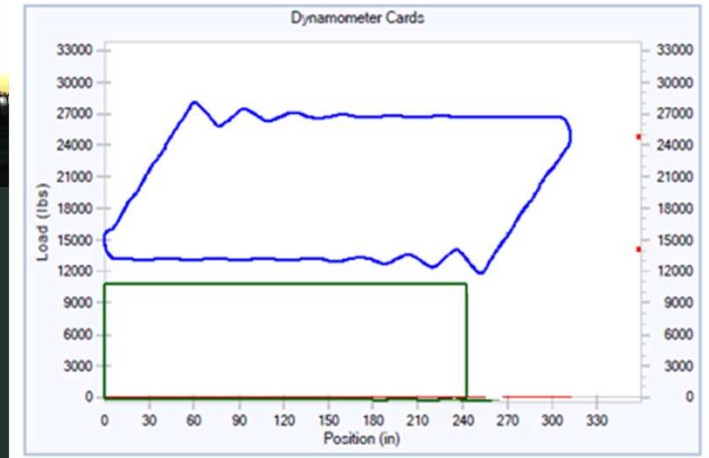


**GAIN OF OIL
62.8 BFPD
+18,5%**

Beam Pump cycles/year
3,469,440

POWERLIFT

Pump size: 2,5"
Stroke length: 244" (6.2mt)
Pumping speed: 5 SPM
Production rate: 408.8 bfpd



PowerLift cycles/year
1,419,720

BASIC AUTOMATION

- Manual control of the pumping speed via onboard knobs
- Stroke length adjustable by the pressure switch on the cylinder
- Manometers for working parameters



ADVANCED AUTOMATION

- Real-time adjustment via digital touch-screen control panel



POWERLIFT LONG STROKE ENGINEERED FOR EXTREME HEAT

- Operates reliably in temperatures exceeding 50°C
- Heavy-duty radiator for improved cooling
- High-viscosity hydraulic oil for thermal stability
- Open-frame structure without paneling to maximize air circulation
- Covered spool to prevent sand and dust deposits



POWERLIFT LONG STROKE MAINTENANCE PLAN

- It can be performed by Sivam or Sivam Distributor or by the Customer after training
- Oil replacement: annually
- Cartridge filters and gaskets: every 3 months
- Full parameter checks: every 15/30 days
- Quick and easy maintenance procedures with low-cost spare parts

Maximum uptime with minimal effort.



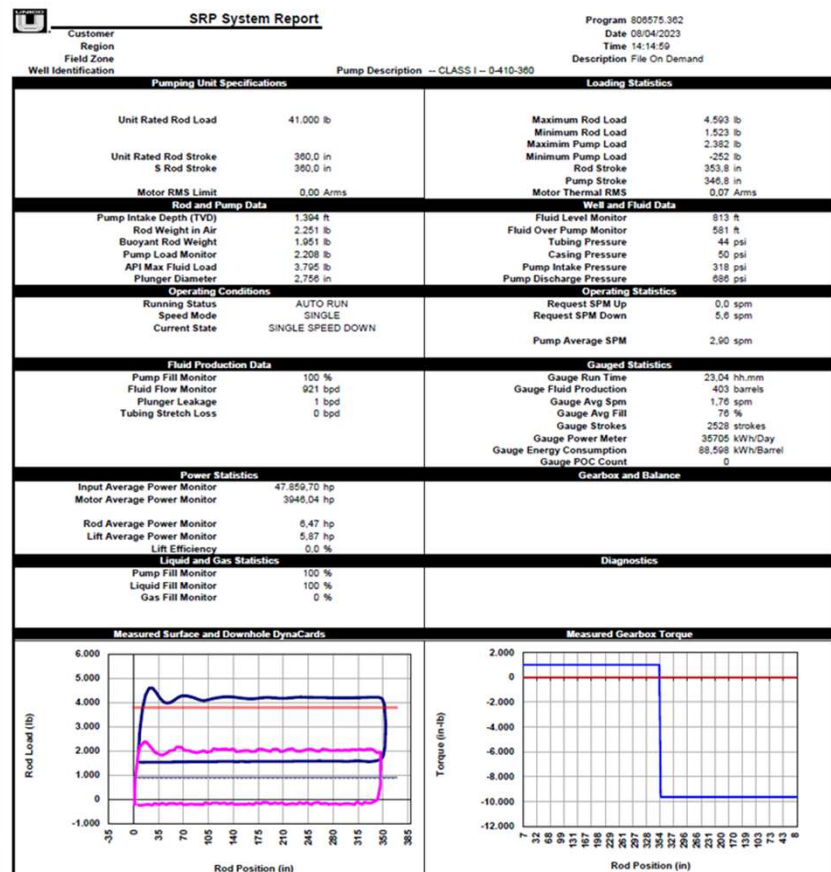
- Electrical consumption tracking
- Reduces failure rate with predictive insight

POWERLIFT LONG STROKE ROD PUMP CONTROLLER

It allows automatic generation of a detailed system report, providing all the key data on downhole performance:

- Dynacards & fluid level monitoring
- Real-time diagnostics & tuning
- Electrical consumption tracking
- Reduces failure rate with predictive insight

Smart data = Smart optimization





POWERLIFT LONG STROKE TECHNICAL SPECS

Lifting capacity
7 cylinders with different diameters
From C60 (4 Ton) to C120 (21 Ton)

Electrical motor
PL165 - 55kW
PL300 - 75kW
PL645 - 132kW

Standard sucker rods
Longer downhole pump (37' barrel length)
Longer polished rod (37')

Max production rate 1,000/1,100 bbl/d

