



Redhead

ARTIFICIAL LIFT LTD

The New Standard in Pumping Units for the Canadian Market

Proven reliability from a proven manufacturer. At Redhead we focus on improving performance, dependability and operational flexibility in rod pump systems.

MAIN SPECIFICATIONS

Unit Size	Rated Polished Rod Capacity (lbf)	Maximum Stroke Length (in)	Rated Torque (in.lbf)	Standard ECB (lbs)
C1824-365-300	36500	300	1824000	25000
C1824-365-240	36500	240	1824000	25000
C1824-427-216	42700	216	1824000	25000
C1280-365-240	36500	240	1280000	25000
C912-365-192	36500	192	912000	20000
C640-365-192	36500	192	640000	18000
C640-365-168	36500	168	640000	16000
C456-305-168	30500	168	456000	15000
C456-305-144	30500	144	456000	13500
C320-256-144	25600	144	320000	12000
C320-256-120	25600	120	320000	11000
C228-173-120	17300	120	228000	9500
C228-213-100	21300	100	228000	9500
C160-173-86	17300	86	160000	8000
C114-143-74	14300	74	114000	6500
B114-119-100	11900	100	114000	5000
B80-119-64	11900	64	80000	5000

KEY FEATURES

- Market-leading quality
- Established manufacturer with over 3000 units delivered to Canada
- Pumping unit currently manufactured with robotic welding & advanced techniques
- New optimized API dimensions contribute to better balanced structure & load conditions
- Component Interchangeability: Precision manufacturing = universal quality

KEY BENEFITS

- **Versatile Stroke Length:** The most versatile stroke length options in the market. Specifically designed for rapid decline wells
- **Unsurpassed Reliability:** High Quality components such as brand name bearings & seals
- **Consistent Quality:** Almost all components are built in-house to ensure a quality product

MAJOR ADVANCEMENTS

- Stroke Extender Series will increase downhole pump and beam compressor efficiency, increasing production and system lifespan
- Walking beam made of hot rolled steel beams – no stress concentration due to welding of separate steel plates to create a beam
- In-House manufactured gears using cast steel have approximately 300% stronger impact resistance than the competition

Pumping Unit Services

Ensuring Long Life of a Critical Asset

Our Redhead Pumping Unit Services team are dedicated to making your pumping units run efficiently and for the long-term.

We repair and service all makes, models and types of pumping units, and the regular service performed by Redhead is critical to the long life of your machinery.

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EXPERIENCE, FACILITY AND QUALIFICATIONS

- API 11E, ISO9001 & ASME Certifications
- Seasoned staff - Over 100 years of combined rod pumping experience
- State of the art assembly & parts facility in Lloydminster



PUMPJACK INSTALLATION

Excellent pumping unit performance starts with top grade field personnel. Redhead's teams of pumpjack technicians ensure that units are installed safely, and to manufacturer specifications.



FIELD SERVICE

Experience is key in field service. From performing simple stroke changes to complex gearbox repairs, Redhead's experienced staff is completely dedicated to pumping units – it's all we do!



ANNUAL INSPECTIONS

The experienced mechanics at Redhead conduct detailed inspections of any type, manufacturer or condition of pumping unit.

- New installations
- In field unit moves/swap outs
- Life cycle asset management
- Equipment tracking database
- Online record of all services

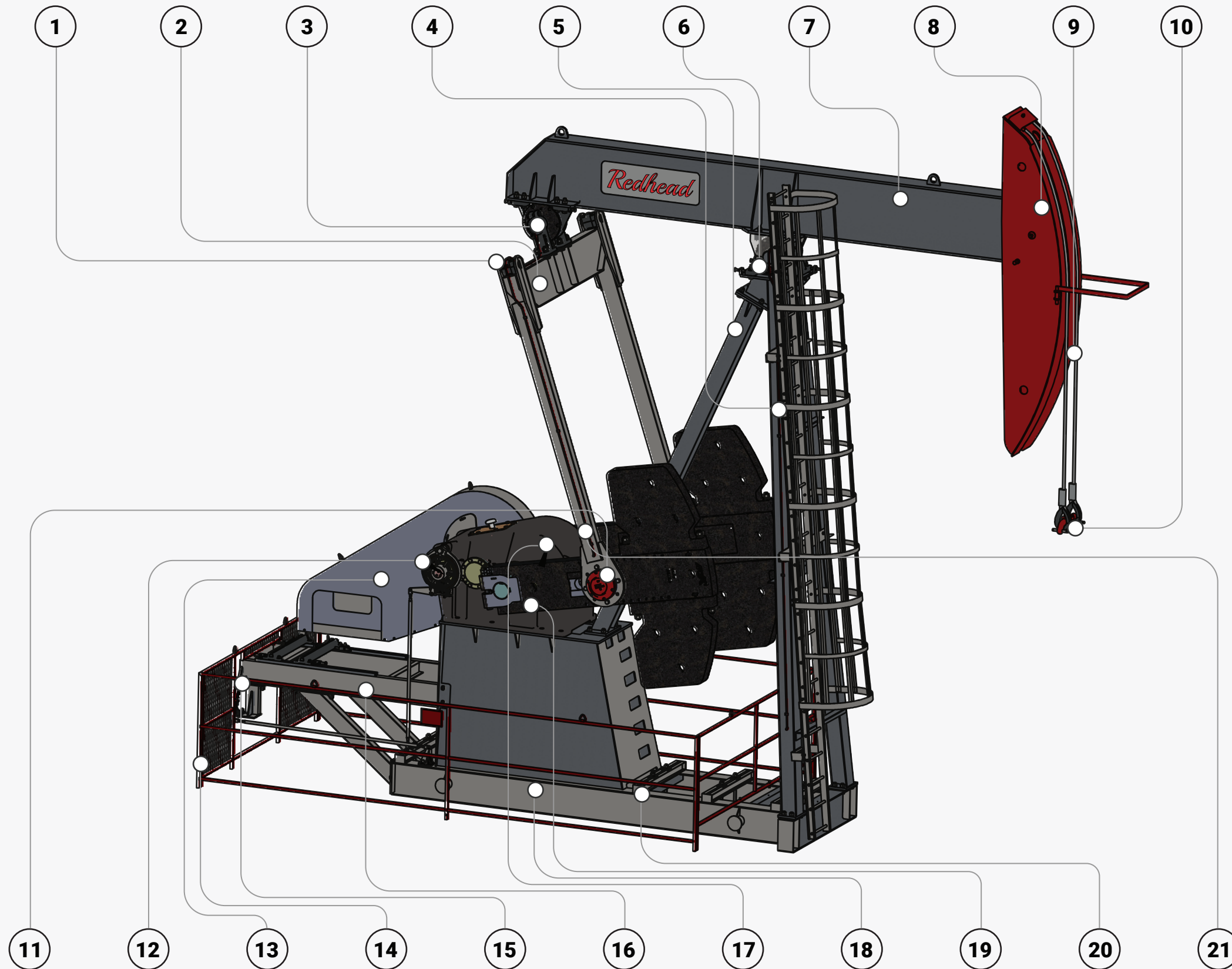
- Oil Changes
- Stroke Changes
- Unit Balances
- Gearbox Repairs
- Relevel & alignments

- Automated service scheduling
- Digital dispatch to work orders
- Preventative maintenance programs with a yearly or semi-annual inspection and greasing



CONVENTIONAL PUMPJACK

Industry leading engineering, materials and logistics to provide the best quality, longest lasting and best value pumping unit in the market.



ITEM	DESCRIPTION
1	Pitman Arm
2	Equalizer Beam Assembly
3	Tail Bearing Assembly
4	Center Bearing Lubrication Pipe
5	Samson Post
6	Center Bearing
7	Walking Beam
8	Horse Head
9	Wireline
10	Carrier Bar
11	Crank Pin Bearing
12	Brake Assembly
13	Belt Guard
14	Guard Assembly
15	Brake Handle
16	Motor Base
17	Gear Reducer
18	Base
19	Crank Assembly
20	Hold-down Crossbar
21	Equalizer Bearing Lubrication Pipe