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 **KUDU**
INDUSTRIES INC.

BRINGING SOLUTIONS TO THE

Corporate **PROFILE**



 **KUDU**
Bringing Solutions to Surface



KUDU is a leading manufacturer and supplier of complete Progressing Cavity Pump (PCP) systems. This Canadian company was founded in 1989 by Robert and Ray Mills, whose dedication to quality, performance and technical excellence is firmly entrenched in KUDU's everyday operations.

KUDU is committed to advancing PCP technology to ensure you get the most from your well. KUDU creates innovative designs by partnering with you and understanding your operating environment to assure our solutions benefit productivity and bottom line.

From sale to service, KUDU makes it easy for you to do business with us. With locations all over the world, we're just around the corner offering the best service standard in the artificial lift industry.

Research & Development

KUDU holds over 20 patents using Progressing Cavity Pumps in the artificial lift field. This strong commitment for advancing Progressing Cavity Pump technology exemplifies KUDU's dedication to quality and performance.

KUDU continually reinvents the status quo through innovative designs that start at the field level, initiated by qualified industry specialists who understand the needs of each operation. KUDU builds partnerships with clients and suppliers to ensure our products and services solve the unique challenges that face artificial lift applications.

Recognized for our Commitment

KUDU continually receives awards, such as the Innovation Insights Award for Manufacturing Practices, from the National Research Council of Canada. KUDU is also recognized as one of Canada's Top 50 Best Managed Private Companies and many more.

Manufacturing Advantages

Our modern manufacturing facility is ISO 9001:2008 certified and located in Calgary, Alberta, Canada. KUDU utilizes the latest in fabrication technology to provide our clients a perfect fit for their operation.

In 1999, KUDU adopted Lean Manufacturing, a set of continuous improvement principles, which doubled our manufacturing capacity. This approach enabled KUDU to minimize product defects and reduce waiting times. These significant advantages carry over to our customers by ensuring high quality, made to order products with quick turn around times.

Worldwide Experience

With offices located in Canada, USA, Russia, Romania, Oman, Kazakhstan, and Australia; KUDU likes to be where the action is. Over 250 employees provide a global distribution network to our clients. From the Canadian oilsands to Russia's cold plains and South America's humid terrain, KUDU has the perfect fit for any environment.

Blue is the New Green

KUDU provides products and services for sustainable development making the system a natural fit for your environment. PCP's typically use a third of the power required of an ESP and half the power of a pump jack. Lower power consumption means less green house gas associated with your operation.

KUDU's rotary seal packing diminishes the risk of onsite leakage and the system's overall small footprint reduces its impact on the landscape.

Quality & Safety

KUDU is committed to supplying the very best in PCP systems with a level of expertise unparalleled in the artificial lift industry. KUDU's specialty lies in local area knowledge, legislation compliance and quality assurance. Safety is number one in KUDU's books. The KUDU blue used for our products was chosen because of its name: Safety Blue.

Making Progression Possible

Identifying well conditions can be challenging. Each operation requires experienced judgment to ensure proper equipment is installed. KUDU PCP solutions are supported and serviced by industry specialists and incorporate unique designs for a variety of well conditions. Driveheads are available in various combinations of torque, speed, hydraulic or electric options. Pumps are energy efficient and offered in chrome or KUDU's very own Tough Coat™.

KUDU provides the perfect fit for any environment with PCP systems engineered to handle the demands of heavy, medium or light oil; coal bed methane and dewatering applications.

Pumps

The KUDU PCP is a Positive Displacement Pump engineered to deliver a consistent head capacity with superior sand lifting capability. PCPs typically have lower operating and capital costs partly due to simpler installations and lower power consumption compared to other artificial lift methods. KUDU PCPs also handle producing solids and high viscosity fluids to ensure your operation is performing at maximum production.

KUDU pumps are available in chrome, EvenWall, all metal or our proprietary Tough Coat™, a spray metal coating that significantly improves resistance to corrosion and abrasion. EvenWall pumps have a uniform elastomer that reduces heat build up and is rated up to 250°C. KUDU's all metal pump, the PCM Vulcain™, is used in thermal application and is capable of handling temperatures up to 350°C.

Driveheads

Ranging from 10 to 200 horsepower, KUDU's durable Driveheads are engineered for safety and reliability while minimizing environmental impact. KUDU incorporates the following critical features to ensure safety and environmental standards are met:

- Enclosed moving parts ensure worker safety
- Balanced lift points for safer and easier installation
- Patented automatic anti-lock backspin control ensures safe servicing and peace of mind
- Oryx rotary and integral seals eliminate site contamination and replace the conventional stuffing box
- Low maintenance design means less down time and greater reliability
- High temperature rating for thermal applications (optional)

Power Units

KUDU power units are designed to ensure a continuous power supply for remote production sites. Our selection includes both hydraulic and electric open-skid and walk-in designs for single or multiple well production sites. The durable construction ensures long life and reliability. KUDU's engineering team offers technical design support for customized units, from basic power units to fully custom engineered systems.

Production Optimization

Not only does KUDU pump it up, but we optimize your production through smart well technology. KUDU's PCP Well Manager seeks and detects hidden production points to ensure your well is always running at optimum levels. It reacts specifically to your Progressing Cavity Pump operation by adjusting pump speed, monitoring torque and measuring flow rates. The data is logged in real time and enables you to view and implement critical changes remotely. Anytime and anywhere.



HOW DID WE GET OUR NAME AND COLOR?

The spirally curved horns of the Kudu antelope resemble the rotors used in our Progressing Cavity Pump systems. Robert Mills picked the famous KUDU Blue because when he went to purchase the paint for the company offices it was called Safety Blue. It was a perfect match as safety is a top priority in KUDU operations.



AT YOUR SERVICE

Helping you get the most from your well is KUDU's top priority. Whether the concern is production, efficiency, trouble shooting or training; partnering with KUDU gets results. Our dedicated teams of industry specialists are available 24 hours a day, 7 days a week and 365 days a year.



■ KUDU offices and distributors/agents are in these countries: Australia, Barbados, Canada, Columbia, India, Japan, Kazakhstan, Kuwait, Malaysia, Mexico, Oman, Romania, Russia, Trinidad-Tobago, USA and Venezuela.

◆ KUDU Head Office and manufacturing facilities.

○ KUDU equipment can be found operating in these countries: Albania, Argentina, Australia, Azerbaijan, Belize, Brazil, Canada, China, Columbia, Congo, Ecuador, Gabon, Guatemala, India, Japan, Kazakhstan, Kuwait, Malaysia, Mexico, New Zealand, Oman, Romania, Russia, Suriname, Trinidad-Tobago, Turkey, USA, and Venezuela.

"KUDU is known in the Colombian oil industry as the best brand to maximize production. They have provided us with the best technical support and training." – Kappa Resources, Colombia

"KUDU outperforms the other providers in product quality and warranty backing, and their service support has been second to none." – Origin Energy, Australia



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Contact your local KUDU representative or visit our website to find a distributor near you. All information is considered accurate and up to date at time of printing. KUDU reserves the right to amend the contents of this document at any time. KUDU does not warranty manufacturers claims.

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