

KUDU Driveheads

Hydraulic & Electric



Push Your Operation Into High Gear

- Ensure safety and reliability
- Eliminate site contamination
- Minimize environmental impact

Bringing Solutions to Surface



Canadian Products for the Canadian Market

KUDU understands the needs of Canadian oilfield operators. KUDU Driveheads are manufactured in our ISO certified facility located in Calgary, Alberta and specifically designed for Progressing Cavity Pumps (PCP). KUDU's durable hydraulic and electric drives range from 40 to 200 horsepower and meet critical safety and environmental standards.

Since 1989, the KUDU Drivehead has proven performance in heavy to light oil, gas dewatering and coal bed methane operations. Ask a KUDU representative about the complete line of KUDU Driveheads including those for thermal applications.

KUDU's Complete PCP System

KUDU provides the perfect fit for any environment with Pumps, Driveheads and Power Units engineered to handle the most demanding applications. KUDU's Progressing Cavity Pump delivers a consistent head capacity with no pulsations and superior sand lifting capability. Ranging from 40 to 200 horsepower, KUDU Driveheads have proven performance in heavy to light oil, dewatering and coal bed methane operations.

Meeting Your Needs

KUDU incorporates the following critical features to ensure safety and environmental standards are met:

- 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 replaces the conventional stuffing box.
- Low maintenance design means less down time and greater reliability.
- High temperature rating for thermal applications (optional).

Service That Makes Sense

With 13 service centres located in Alberta and Saskatchewan; KUDU is close to where the action is. This proximity to oilfield activity enables KUDU to have the knowledge, adaptability and responsiveness tailored to your operation's needs. KUDU's exceptional technical team provides a perfect fit for any environment and is always available for service and support.



Oryx Rotary Seal

The patented Oryx rotary seal is low maintenance and has a zero tolerance for leaks. Utilizing an early warning seal failure system it helps to minimize your operations environmental impact while still delivering outstanding performance. The Oryx rotary seal exceeds EUB environmental standards and is field serviceable.



**KUDU's manufacturing
and distribution systems
are ISO registered.**



VH 60HP 8T

This low profile electric drive is also available in a hydraulic version. An internal pump assembly eliminates external brake lines, reducing the possibility of leaks and environmental contamination. Servicing is simple, as the brake pads are easily accessible. The VH 60HP 8T is capable of handling 50 to 75 horsepower and uses KUDU's Oryx rotary seal, which prolongs the life of the seal assembly.



VH 100HP 11.6/18T

Pound for pound this Drivehead is the most compact, high capacity unit in the KUDU lineup. It is rated for both the 11.6 tonnes and 18 tones axial load capacity. Use this durable Drivehead in a variety of applications ranging from 75 to 100 horsepower.



VH 125HP 11/18T

The VH 125 is capable of handling 75 to 125 horsepower. It uses KUDU's low maintenance integral seal to cut off wellbore fluid and the separate packing seal requires no set up or pressure setting. For additional safety, the VH 125 uses an anti-ejection mechanism on the polish rod to keep it in place. This Drivehead is transported with its own stand to ensure easy installation and workovers. The VH 125 also incorporates a new braking system to control backspin at a rate between 200rpm and 500rpm. This system ensures full fluid dump, reducing the potential for residual fluid in the tubing. The VH 125 is ATEX Certified for use in explosive environments.



VHGH 60HP

The hydraulic VHGH 60 Drivehead uses 50 to 75 horsepower and is safe, reliable and operator friendly. It uses gear oil, instead of hydraulic fluid, to lubricate the gear set and bearings adding to its reliability and longevity. KUDU's patented integral seal, bearings and gear set are kept separate from the hydraulic system; therefore, avoiding contamination and costly repairs on hydraulic skid units. Unit installation is easy due to its compact, low weight design and balanced lifting points making it ideal for slant well applications.

Integral seal on the VHGH 60.



KUDU Electric and Hydraulic Driveheads

	VH 60HP 8T	VHGH 60HP 8T	VH 100HP 11/18T	VH 125HP 11/18T
GEAR BOX REDUCTION GEAR TORQUE	n/a	4.1 to 1	n/a	n/a
INPUT SHAFT	Vertical	Vertical	Vertical	Vertical
SHAFT TYPE	Hollow Shaft	Hollow Shaft	Hollow Shaft	Hollow Shaft
AXIAL LOAD CAPACITY*	8T	8T	11.6 or 18T	11.6 or 18T
MAXIMUM SPEED	500rpm	500rpm	500rpm	500rpm
MAXIMUM MOTOR SIZE	50 - 75 Horsepower	50 - 75 Horsepower	75 - 100 Horsepower	75 - 125 Horsepower
POLISHED ROD DIAMETER	1-1/4"	1-1/4" or 1-1/2"	1-1/4" or 1-1/2"	1-1/4" or 1-1/2"
INPUT SHAFT SIZE	2-5/8"	n/a	3-1/8"	3-1/2"
BACKSPIN CONTROL	Anti-lock Disc Brake	Check Valve w/ Orifice	Anti-lock Disc Brake	Internal Centrifugal Brake
API WELLHEAD CONNECTION (THREAD)	2-7/8" or 3-1/2" EUE pin	n/a	2-7/8" or 3-1/2" EUE pin	n/a
API WELLHEAD CONNECTION (FLANGE)	3-1/8" 3000 lbs.	3-1/8" 3000 lbs.	3-1/8" or 4-1/16" 3000 lbs	3-1/8" Flange
PRIME MOVER	Electric/Hydraulic	Hydraulic	Electric/Hydraulic	Electric
DRIVEN SHEAVE MAXIMUM DIAMETER (IN.)	31.5"	n/a	31.5"	31.5"
MINIMUM / MAXIMUM CENTER DISTANCE	21.6" / 28.0"	n/a	20.6" / 28.8"	25.2" / 20.8"

*KUDU Industries publishes the bearing rating according to the accepted standard using the ISO calculation for L10 life rating, based on 25,000 hours of operation at full rated load and maximum rated speed of 500 rpm. KUDU uses a three bearing system, which ensures the thrust bearing is isolated from the radial loads. KUDU's thrust bearing is self-aligning to provide uniform bearing load.



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.

Bonnyville 1-780-826-7179	Elk Point 1-780-724-2910	Kindersley 1-306-463-6440	Macklin 1-306-753-2950	Sedgewick 1-780-384-2177	Swift Current 1-306-741-2416	Wabasca 1-780-891-1032	KUDU Industries 9112 - 40 th Street SE Calgary, AB Canada
Brooks 1-403-793-8080	Estevan 1-306-634-9966	Lloydminster 1-780-871-0660	Peace River 1-780-624-9570	Slave Lake 1-780-849-5650	Taber 1-403-223-1201	North America 1-800-642-5519	T2C 2P3 1-403-279-5838

www.kudupump.com