



**MAXIMIZE YOUR  
PRODUCTION  
PERFORMANCE.**

**EXTRACT**

**Hoss**

**XPS**

**XCEL**

**X SPEED R3Q**

**XSIZE**





# WE'RE FOCUSED ON ONE THING: YOUR BOTTOM LINE.

**In our business, there's no room for compromise.** Reliable equipment. Responsive service. Flawless execution. Advanced technology for better production outcomes. You shouldn't have to pick and choose or give up one to get the other. Which is why we're a different kind of oilfield technologies company. We're your wingman for success, delivering consistent production improvement through superior technical expertise, reliable equipment, and relentless service. We don't just get product moving, we help get your cash flowing.

# OUR MISSION IS ACTUALLY A MANIFESTO.

We're here for one reason, to disrupt the industry. We are focused on leading tomorrow by leaning on the values of yesterday. Handshakes and ingenuity are not things of the past. They are guiding principles for our future. We will innovate and take risks. And if we fail, we'll knock the dust off and try again. We will leverage technology and our countless years of expertise while still maintaining a personal approach. We will stand by your side through thick and thin until the job is done. It's not in our DNA to settle or relent. But to always do right by you, our customers.

## GUIDED BY VALUES



**INTEGRITY:** Provide value to our customers by being principled and honest.



**INNOVATION:** Deliver pioneering technology combined with a progressive approach to customer challenges.



**RELIABILITY:** Remain steadfast in our commitment to quality service and product performance.



**SAFETY:** Establish a culture of working safely every day in all we do.



**SERVICE:** Respond faster, execute flawlessly, and partner for results.





# MORE THAN PRODUCTS. RESULTS.

Some say an ESP is just a commodity. But if that were the case, the results would be the same. Which they aren't. It takes experience and expertise, because not all ESP configurations are applied the same way. Which is why we take the time to sit down with you to better understand your downhole challenges and suggest an ESP solution that best fits your unique well.

Our expert teams know how to apply the right technology and operational best practices to ensure the best reliability. Paired with our responsive service and flawless execution, you get more than just equipment; you get better production performance.



## SYSTEM COMPONENTS

1. Pumps
2. Gas Handling Device
3. Intake/ Gas Separator
4. Seal Section
5. Motor
6. Downhole Sensor
7. ESP Power Cable
8. Motor Lead Extension
9. VSD (XCEL™ Technologies)
10. Step-up Transformer
11. Monitoring Automation & Optimization



At Extract, we understand that different jobs demand different equipment -- and we take pride in providing you solutions for whatever you need. We're proud to offer three specialized ESP product lines tailored for your operation. Whether you go with our "Good," "Better," or "Best" option, rest assured, every solution is perfect for you.

## **GOOD** **XPS**

XPS is the traditional ESP -- but there's nothing "traditional" about it. XPS features two-pole induction motors, floater pumps available in abrasion-resistant (AR) and non-AR trim, Vortex Gas Separators, and industry standard gas-handling style pumps that are customizable to your specific application.

## **BETTER** **XCEL**

XCEL™ is a step above our traditional XPS product line, featuring our advanced technology upgrades. This product line includes the XCEL™ Variable Speed Drive (VSD) and XCEL™ Integrated Gas Processor (IGP).

## **BEST** **SPEEDFREQ**

With permanent magnet motors and superefficient gas separators, SPEEDFREQ™ is a giant leap forward in efficiency, productivity, and sustainability. SPEEDFREQ™ operates at higher speed to produce more in less time, boosting returns on unconventional wells like no other ESP before. SPEEDFREQ™ is available in two key products based on customer needs, both in trial.



# PROVEN RELIABILITY WITH EVERY PUMP.

Extract pumps have been battle hardened over thousands of installations in virtually every well condition. The result is a product with proven reliability and a reputation for delivering optimum production performance to get the very best from your well.

SERIES	338	400	538
OD, in	3.38	4.00	5.38
Min casting size, in	4.5	5.50	7.00
Range, bbl/d at 60hz	400-2800	200-6000	2600-10000
Burst pressure, psi	5000	5000	5000
Rotational direction	CCW	CCW	CCW
Application severity	SD	SD, HD, XD	SD, HD, XD

## COMPREHENSIVE PRODUCTION RANGE, MULTIPLE APPLICATIONS.

Conventional or unconventional. Benign or harsh. No matter what the well type and application challenges, Extract has a pump up to the job. HD and XD series pumps feature abrasion-resistant tungsten carbide bearings and high-strength shafts to run deep into the decline curve of unconventional wells.

### SD PRODUCT SERIES

Optimized for benign well conditions, providing long life while keeping costs under control.

### HD PRODUCT SERIES

Providing an extended operating range on the down-thrust side of the pump's curve, this pump is built to handle more abrasive production as well as gas when needed.

### XD PRODUCT SERIES

The top-of-the-line solution when reliable production is essential, and downtime due to an early failure is not an option. This series incorporates the latest technology to ensure the best run life possible in the most aggressive well conditions.

# DESIGNED WITH YOUR TOUGHEST WELLS IN MIND.

Extract pumps are multistage centrifugal pumps for use in oil production from waterfloods, CO<sub>2</sub> floods, and unconventional reservoirs. Available in both radial and mixed flow stages, with multiple housing sizes and a variety of corrosion- and abrasion resistant technologies, our pumps can help solve your toughest production challenges in casing sizes as small as 4.5 in.

## ▶ Pumps

Our centrifugal pumps are a floater pump design. We carry a full line-up of standardized 338, 400 and 538 series pumps, and offer many of them with abrasion resistant trim and varying metallurgies dependent on your applications corrosive or erosive properties.

## ▶ Gas Handlers & Gas Separators

Avoiding or handling gas increases equipment longevity and reduces pump cavitation. We offer the standard rotary and vortex gas separation intake devices and enhanced, gas-handling devices for high GLR applications.

## ▶ Seal Section

Commonly referred to as a seal, protector or equalizer. We deliver the seal section best suited for your application in all the relative series with varying barring sets dependent on loading, and in both carbon steel and stainless steel.

## ▶ Induction Motor

Our standard ESP motor is a three-phase two-pole squirrel cage induction motor. We carry a full line-up of 375, 456, 540 and 562 series motors and specialized 413E and 456E series motors in carbon steel and stainless steel.

## ▶ Downhole Sensor

Captures downhole data such as pump intake pressure, wellbore temperatures, motor winding temperature, and discharge pressure. Our sensors greatly improve the ability to make decisions on the proper and efficient operations of the ESP system.

## ▶ Motor Lead Extension (MLE) Cable

Reliable standardized tape-in style, motor-lead extension cables that are highly tested and very dependable. Offered in both stainless steel armor and Monel armor.

## ▶ Power Cable

Including poly nitrile, EPDM and EPDM lead with various armor configurations from the standard galvanized steel to stainless steel armor.





# FUTURE PROOF YOUR CAPITAL INVESTMENT.

## DOWNHOLE APPLICATIONS **XCEL**

Introducing our most powerful, innovative VSD, yet. Uniquely, this controller is the only drive capable of controlling both induction and permanent magnet motors—including ultra-high-speed PMMs—with no hardware modifications. It also provides vector control for your project managers. Let XCEL™ advanced technologies help future-proof the capital investments in your drive fleet.

## SURFACE APPLICATIONS **KODIAK** BY HOSS

Our KODIAK™ variable frequency drive, delivers proprietary Beast Mode technology that optimizes power use by precisely matching required output with pump speed.







# HORIZONTAL OILFIELD SURFACE SYSTEM.

Every HOSS® system is engineered and built in-house, specifically to maximize the reliability of the customer's operations.

## Pump

- Pump sizes available in 400, 538, 675, 862, 875, 950, 1025, 1100, and 1200 series.
- Discharge pressures available to 6,000 psi MAWP with the 538 series and 675 series pumps
- Pump has an over-sized, thicker housing that provides a higher pressure rating
- Stages: Ni-resist, coated Teflon, or boronized
- Bearings: Ni-resist, tungsten carbide, and Graphalloy
- Pumps are sized and designed for each application

## Cooler Package

- Lubricates the HTC providing long run times
- Reduces oil temperatures to increase bearing life under high loads
- On severe applications, it can be fitted with an internal cooling coil for an external water supply
- Optional external filter

- Vibration Monitoring (Analog or Digital)
- HTC oil level switch and temperature RTD
- Suction Pressure (Analog or Digital)
- Discharge Pressure (Analog or Digital)
- Optional Explosion Proof Instruments and enclosures
- All types of instrumentation available

## Ladder Box Skid

- Modular & Scalable
- Rigid to ensure alignment accuracy
- Low vibration
- Provides easier access for maintenance or repairs
- Field adaptable

## Horizontal Thrust Chamber

- Patented design
- Continuous operation thrust loads of up to 55,000 lbs
- All major standard seals available on the market or as specified by our clients
- 2 different seal combinations to fit your application without changing out the HTC
- High-strength shaft option rated to 2000HP
- Easy removal for maintenance/repairs
- Utilizes all API flush systems

## HOSS® CAPACITIES:

**Flow Rates:** 400 BPD to 100,000 BPD

**Flow Rates:** 12 GPM to 2900 GPM

**Pressures:** Up to 6000 PSI





# SMARTER SOFTWARE FOR HARDER JOBS.



Take the guesswork out of artificial lift selection. Stop wasting hours or even days of precious production time. Turn to the most advanced production engineering software in the industry – XSIZE™.

Our proprietary, first-of-its-kind sizing software uses NODAL analysis to make quick work of modeling various artificial lift scenarios, generating an accurate look at your reservoir's potential. What used to take hours now takes minutes, delivering pinpoint precision and accuracy in a fraction of the time. With consistent, reliable, and actionable predictions for well production performance, you can confidently make the smartest economic decisions. Every. Single. Time.

Don't bank on educated guesses. Never rely on rules of thumb. Get lightning-fast, razor-sharp visibility into every single well to maximize time efficiency, revenue, and value with XSIZE™. Only from Extract.

## LET'S DIAL OPTIMIZATION UP TO 11.

Get peace of mind, all the time, with 24/7 well monitoring and optimization. Our monitoring group optimizes ESP operations by combining data from well, sensor, SCADA, and XSIZE™. We can then perform remote changes, saving you hundreds of hours and thousands of miles on the road. The result? Lower operational and power costs, extended equipment run times, longer life for ESP systems, and less downtime due to preventable shutdown events.

### **SWDs and Horizontal Pumps**

By taking an in-depth look at your SWD assets and how they are being operated, we can optimize your operations with remote monitoring and real-time alerts, which results in lower operational cost, lower power cost and extended equipment run times.

**And that means more dollars going where they should... to your bottom line.**



# INNOVATION NEVER TAKES A DAY OFF.

This industry never rests. Neither do we. The result? Real-world solutions for real-world challenges.

Before our products ever reach you, we want to make sure they're perfect. We are currently field testing the following innovations in R&D:

## **Integrated Gas Processor (IGP)**

Our “all in one housing,” patented, gas handling solution is designed to improve the gas handling capabilities of our XPS system. Built specifically for lower-volume applications, the IGP reduces gas locking events, increases uptime, and maximizes production for the customer. The IGP consists of three modules connected by our patented flangeless threaded connection system and incorporates our proprietary **Contra Helical Pump (CHP)** technology, a groundbreaking upgrade that features two flow paths through the pump, providing the ability to ingest, compress, and homogenize extreme amounts of gas with low volumes of liquid.



Our made in the USA, premium product features Extract's SPEEDFREQ MAX RATE™ high speed pumps, Gas Separator, and revolutionary Ultra-High Speed Permanent Magnet Motor. At just under 58-feet long, it's shorter than a traditional ESP system, reducing risk and allowing for more production in smaller casing. It's short, but packs a punch.



Our made in the USA, premium product is designed to solve the low-flow, high-GLR problems for oil wells utilizing ESPs. Features the ultra-high speed SPEEDFREQ™ motor, dual-chambered gas separator, a high-speed seal section, and a significantly upgraded Contra Helical Pump (CHP). Coming in at roughly 83-feet long, this system can fit in small spaces for hard-to-produce, deviated applications.

Want to pilot test our new tech? Contact us! Email: [extract-marketing@extractproduction.com](mailto:extract-marketing@extractproduction.com)





# OUR SERVICE IS RELENTLESS.

We want to make sure you're getting the most value from your ESP and horizontal pumping systems. This is why we're bullish when it comes to delivering responsive service, focusing on maximizing your operational production. Our commitment to helping you succeed is second to none.

**Field Services/Onsite Engineering:** We uniquely offer same-day service 24 hours per day, 7 days per week, from our highly trained and experienced personnel. Our teams are experts in downhole unit installation and pulling, troubleshooting and repairs.

**Shop Services:** From equipment testing and reconditioning to forensic teardowns and failure analysis, Extract offers the full range of shop services to help operators maximize their ESP investment and generate continuous operational improvement.



**LET'S TALK THROUGH YOUR WELLSITE CHALLENGES. TOGETHER.**

Call us directly at 918-938-6828 or visit [extractproduction.com](https://extractproduction.com)