

IJACK™ BOOST

HIGH INLET PRESURE PUMP TO INTENSIFY /
RE-PRESSURIZE FLUID INJECTION SYSTEMS.

IJACK™ BOOST AUTOMATED HIGH INLET PRESSURE PUMP IS DESIGNED AS A PRESSURE INTENSIFIER FOR FLUID INJECTION SYSTEMS USED IN ENHANCED OIL RECOVERY OR WATER DISPOSAL APPLICATIONS. WHEN PRESSURE IS INSUFFICIENT TO OVERCOME THE WELL AND FORMATION RESISTANCE OR BACK PRESSURE, THE BOOST WILL REPRESSURIZE THE FLUID TO THE REQUIRED INJECTION PRESSURE.

A SIMPLE SOLUTION AND PROVEN BUSINESS CASE

1. High inlet pressure pump - up to 2160 psi (14893 kPa) for ANSI 900 models
2. Intensifies / repressurizes fluids along injection systems for water flooding or disposal applications
3. Avoid acidizing and determine if injection resistance is due to scale build up or formation natural back pressure
4. Easily installed at risers or at a well for temporary re-pressurization
5. Extends injection facilities distances / areas
6. Minimal downtime, fewer maintenance intervals and completely field serviceable by local service crews
7. Available in ANSI 1500 rating

FEATURES:

- - Fully automated to achieve and maintain pressure targets
- - Stainless Steel construction to withstand the rigorous demands of produced / saltwater disposal
- - External ESD's can be tied into the BOOST control system
- - Several models to choose from to optimize fluid volumes and pressures
- - Fully serviceable and overhauled in the field in a few hours
- - Compact footprint and engineered with premium connections
- - Build with industry leading components, including prime motor, pump, seals, valves, etc.

YOUR BOOST COMES SUPERCHARGED WITH REMOTE CONTROL AND MONITORING

IJACK™ RCOM: REMOTE CONTROL AND MONITORING SYSTEM

KEEPING YOU INFORMED 24/7.

IJACK™ RCOM remote control and monitoring shows you precise, comprehensive, up-to-the-minute operating data, historical trends, compression cards, alarm logs and the ability to remotely control your units.

RCOM also includes an alerting system via email, SMS text messages, or phone calls to alert you of any problems including power outages and unexpected trend changes. RCOM's artificial intelligence capabilities will troubleshoot issues for you and keep you informed. Custom alerts can be created for any metric of interest, and configured from myijack.com



Indicators Charts Compression Card Control

Location

Categories

- Pressure
- Speed
- Effort
- Output
- Indicators

Category Items

- Suction pressure (PSI)
- Discharge pressure (PSI)
- Delta P (PSI)
- Suction target (PSI)
- Max discharge setpoint (PSI)
- Min suction setpoint (PSI)

Alarm Log (Last 14 Days)

Timestamp	Item
Fri, Apr 10, 05:06 PM	IJACK operating normally
Fri, Apr 10, 04:54 PM	Waiting, suction pressure low
Fri, Apr 10, 12:16 PM	IJACK operating normally
Fri, Apr 10, 12:15 PM	Start, operator pressed start
Fri, Apr 10, 12:04 PM	Ready, motor off in 20min
Fri, Apr 10, 12:04 PM	Stop, operator pressed stop
Fri, Apr 10, 12:04 PM	Stop, operator pressed stop
Fri, Apr 10, 11:55 AM	IJACK operating normally
Fri, Apr 10, 11:54 AM	Start, operator pressed start
Fri, Apr 10, 11:54 AM	Start, operator pressed start
Fri, Apr 10, 11:54 AM	Start, operator pressed start
Fri, Apr 10, 11:51 AM	Stop, operator pressed stop
Fri, Apr 10, 11:51 AM	Waiting, suction pressure low
Fri, Apr 10, 11:50 AM	IJACK operating normally
Fri, Apr 10, 11:34 AM	Waiting, suction pressure low

Location:

- Time since last reported: 6 secs
- IJACK operating normally: Good
- Unit stroking: Good
- Unit online (internet connected): Good
- Motor on: Good
- Warning 1: motor on: Good
- Warning 2: hydraulics on: Good

Other Information

- IJACK Model: EGAS 1000
- Power unit serial number: 200250
- AWS 'thing name': 80-DS-CC-45-F2-7A
- Well license: 11000
- Cellular signal strength: Not Reported
- IMEI: Not Reported
- Access Point Name (APN): mytelus.com
- SIM card phone number: Not Reported
- Software version (PLC): 306
- Software version (gateway): 1.27

Start

Start unit: Start

Stop unit: Stop

Lock

Unlock unit: Unlock

Lock unit: Lock

Pressure

Suction target

Currently None PSI

Enter 1-250

Submit

Max discharge

Currently None PSI

Depends on unit

Submit

Speed

Max speed

Currently 0 %

Enter 2-100

Submit

Min speed

Currently 0 %

Enter 5-100

Submit

Horsepower limit

Currently None HP

Depends on unit

Submit

Adjustment speed

Currently None PID

Enter 1-4

Submit

PATENTED TECHNOLOGY

IJACK's numerous Canadian and US patents include a position control system to maximize pump efficiency, and a buffer chamber (distance piece) that eliminates cross-contamination of the production and hydraulic fluids. The buffer chamber is also a safety feature which prevents gas from reaching the general rated power unit. You will only find these features on IJACK's products!



Get In Touch

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