

IJACK™ EGAS-VRU

REMOVE VAPORS. KEEP TANK TOP PRESSURE TO A MINIMUM. ELIMINATE VENTING. RECOVER CONDENSATES.

IJACK™ EGAS-VRU AUTOMATED VAPOR RECOVERY UNIT IS DESIGNED TO REMOVE VAPORS FROM INSIDE TANKS KEEPING THE INTERNAL TANK TOP PRESSURE TO A MINIMUM, SENDING RECOVERED VAPORS AND CONDENSATES TO A FACILITY. SIMPLY TELL EGAS-VRU THE DESIRED TANK TOP PRESSURE AND IT ADJUSTS AUTOMATICALLY TO MEET THE GOAL.

A SIMPLE SOLUTION AND PROVEN BUSINESS CASE

1. Eliminates / reduces emissions, venting and flaring
2. Lowers tank top pressures as low as 0 psi / 0 oz/sq-in
3. Handles vapors and associated fluids together without the need for knockouts or scrubbers, using one flowline to a facility
4. Optionally discharge emulsions into a knockout, recovering and sending condensates to a tank and vapors to a gas sales line or compressor
5. Minimal downtime, fewer maintenance intervals and completely field serviceable by local service crews
6. Reciprocating pump with no bearings or gaskets which are damaged by butane, ethane, methane and propane requiring frequent rebuilds
7. Increases bottom line by recovering condensates and eliminating carbon tax on emissions
8. Eligible for government emission reduction grants

FEATURES:

- - Fully automated to achieve and maintain set tank top pressure and discharge targets
- - No site preparation required to place EGAS-VRU
- - Easily ties into existing tank top piping
- - External ESD's can be tied into the EGAS-VRU control system
- - Several models to choose from to optimize vapor volumes and intake / discharge 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 EGAS-VRU 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: 200290
- 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**

Speed

Max speed

Currently 0 %

Enter 2-100

Submit

Min speed

Currently 0 %

Enter 5-100

Submit

Pressure

Suction target

Currently None PSI

Enter 1-250

Submit

Max discharge

Currently None PSI

Depends on unit

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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