



ESP SOLUTIONS
For Unconventional
Challenges



SOLUTIONS FOR ANY CHALLENGE



SAND &
ABRASIVES



FREE GAS



IRON SULFIDE



DEVIATED
WELLBORES



HIGH
TEMPERATURES



MONITORING



WATER
MANAGEMENT



POWER
QUALITY



MAXIMIZE THE ESP WINDOW

Overcome the challenges of producing abrasive, corrosive, or high GOR horizontal wells. Valiant offers a comprehensive portfolio of ESP technologies and software designed specifically to enhance run life in unconventional production applications.

- Achieve deeper setting depths and produce closer to the pay zone
- Recover oil more efficiently with fewer shutdowns
- Produce GORs up to 2,500 with intake pressure below 50 psi

REINFORCED HEADS & BASES

High Strength Flange Geometry for deployment in narrow, packed or deviated wells



HIGH PRESSURE SOLUTIONS

Pumps with 8,000 psi Burst Pressure for deeper setting depths
Specialized Pump Construction for greater lifting efficiency

CORROSION-RESISTANT coatings & construction

ABRASION-RESISTANT MODULAR PUMPS

Tungsten Carbide (TC) Bearings for down-thrust protection
Slotted Bushings for solids handling
Modular Bearing Placement for wider operating range

GAS SEPARATORS & FLUID CONDITIONING

+VSD Software for gas-lock recognition and response



PROVEN CONTROLS & AUTOMATION FOR UNCONVENTIONALS

Programmed with application-specific parameters and gas-lock recognition software, PULSE® Variable Speed Drives can help you lower power costs and enhance ESP reliability.

[More Specs](#)



Abrasion-Resistant Modular Pump Series

4.00" O.D.	VC460	VC700	VC1050	VC1750	VC2200	VCV3000	VC4300
------------	-------	-------	--------	--------	--------	---------	--------

Enhanced High Pressure Pumps

4.0" O.D.	OPERATING RANGE BPD	100-925				300-1500				500-2150				700-2800				1200-4000				2000-5200			
	ARM STAGES	24	57	91	125	25	60	96	132	23	57	91	124	23	57	91	124	16	40	64	87	12	30	48	67
	HSG. NO	3	7	11	15	3	7	11	15	3	7	11	15	3	7	11	15	3	7	11	15	3	7	11	15
		VC700				VC1050				VC1750				VC2200				VCV3000				VC4300			

IntactESP™ High Strength Flange Specs

4.00" O.D.		HOUSING	HEAD/BASE	SHAFT
GAS SEPARATOR	V400 (HS)	STL	STL	INC
			UT, LT	
PUMP	VC (HS)	STL	STL	INC

Visit Our Website To Learn More

Gas Handler/Fluid Conditioning Pumps

4.00" O.D.	STAGES	CONSTRUCTION	HOUSING	HEAD & BASE	SHAFT
VCGH1550	20	AR COMPRESSION	STL/T9	STL/SST	INC
VCGH2300	15	AR COMPRESSION	STL/T9	STL/SST	INC



Energy Providing Energy



405-605-4567 | valiant-als.com



IntactESP and Pulse are trademarks of Valiant Artificial Lift Solutions. Disclaimer: Content is provided for general information purposes only and is believed to be accurate as of date hereof; however, Valiant Artificial Lift Solutions and its affiliates do not make warranties or representations of any kind regarding the information and disclaim all express implied warranties or representations to the fullest extent permissible by law, including those of merchantability, fitness for a particular purpose or use, non-infringement, accuracy, correctness, or completeness of the information provided herein. All information is furnished "as is" and without any license to distribute. The user agrees to assume all liabilities related to the use of or reliance on such information. VALIANT ARTIFICIAL LIFT AND ITS AFFILIATES SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER INCLUDING BUT NOT LIMITED TO ITS NEGLIGENCE. ©2021-2023 Valiant Artificial Lift Solutions. All rights reserved 04/2023