

IPC Titan – Smart Choke Retrofit

Vertechs IPC Titan – Smart Choke Retrofit transforms conventional manual chokes into electric-powered units, enabling remote and precise pressure control. This upgrade significantly improves operational safety and efficiency during well-killing procedures.



FEATURES

- Convert manual choke into electric choke
- Supported with automation software
- Modernize and automate well-killing operations
- Safe operating distance and remote capabilities

BENEFITS

- IPC Titan represents an electrically powered actuator engineered to upgrade manual chokes to an electrically powered one without sacrificing the pressure-tested integrity of the choke manifold.
- IPC Titan distinguishes itself not merely through its electrical actuation but also via the integration of remote operation capabilities and control software. This technological advancement permits personnel to manage choke operations from a secured distance, reducing exposure to high-pressure hazards.
- Fundamentally, IPC Titan synthesizes electric power actuators with control algorithms and remote-control capability, streamlining well-killing procedures while significantly enhancing safety. It's a revolutionary step forward in enhancing both efficiency and safety in well control during drilling operations.



SPECIFICATIONS

API Standard	API 16C	Choke Actuator	Electric
--------------	---------	----------------	----------

Working Pressure	10,000 – 20,000 psi	Choke Size	2 in or 3 in
Precision	±30 psi	Inlet & Outlet	4 1/16 in

Contact Us

engineering@vertechs.com

Chengdu | Dammam | Houston | Calgary | Hong Kong

Disclaimer :

This document and any files transmitted with it are for use between Vertechs Group and external partners related to the Group's business. Unauthorized use is prohibited, and the dissemination, copying, or distribution of this document and its contents is strictly forbidden until the information becomes public or loses its commercial value. Violators will be held legally responsible.

2025 Copyright © Vertechs Group. All rights reserved.
www.vertechs.com