

# Hydraulic Variable Volume Clearance Pocket (HVVCP) Capacity Control

Applicable fleet: Process Recip, Integral Gas Engines, High Speed Compressors



## Increased Safety, Operating Cost reduction

### Product Overview

The HVVCP, which is safer than handwheel operated variable volume clearance pockets, can be applied virtually to any reciprocating gas compressor.

This hydraulic variable volume clearance pocket allows stepless, automatic capacity control capabilities that respond quickly to changes in process demand, all while the compressor is running under load.



### Improved Features

- “Bolt-on” adaptability, which allows direct replacement for any head mounted handwheel operated pockets.
- Can be controlled manually, automatically, or by remote control.
- No compressor speed limitation, allowing it to be applied virtually to any reciprocating compressor.
- Self-contained hydraulic system requiring no external hydraulic reservoir or power supply.
- Proven OEM design that helps achieve optimum reliability for reduced maintenance and downtime.



### Benefits

- Increased safety
- Reduction in operating costs by optimizing compressor efficiency.
- Greater focus and compliance with ecologically conscious initiatives.



### Scope of work & Implementation

- Siemens Energy Field Services experts support the customer in all belongings of getting right qualified installation. The HVVCP is designed to be easily installed with a simple removing of the existing outer head and installation of the new HVVCP.

