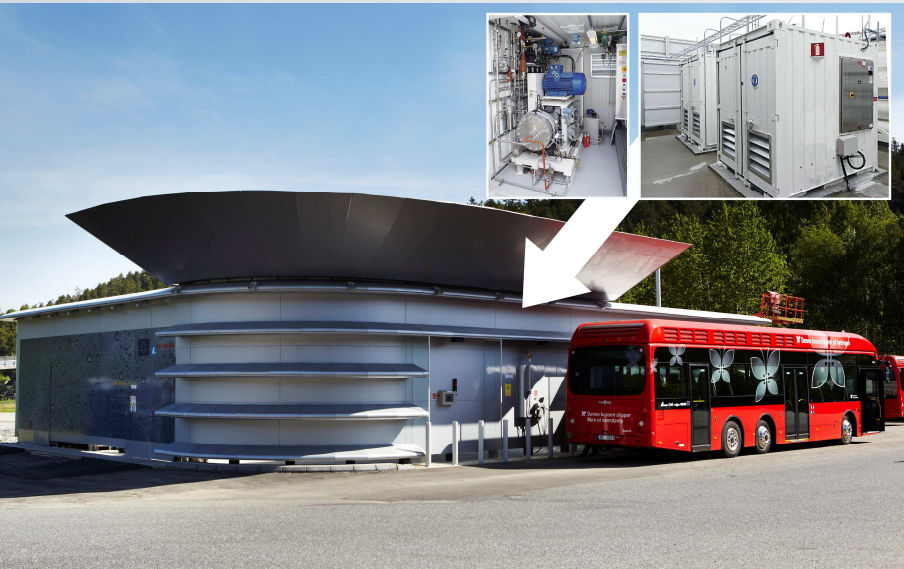


Pdc - The Worldwide Leader in Hydrogen Refueling Station Compression



Over 185 Compressors in the Worlds 220+ Hydrogen Energy Facilities

Diaphragm Compressor Technology:

Benefits of Technology:

- Highest duty cycle of all current technologies
- Lowest power consumption of the technologies
- Lowest cooling requirements

Challenges:

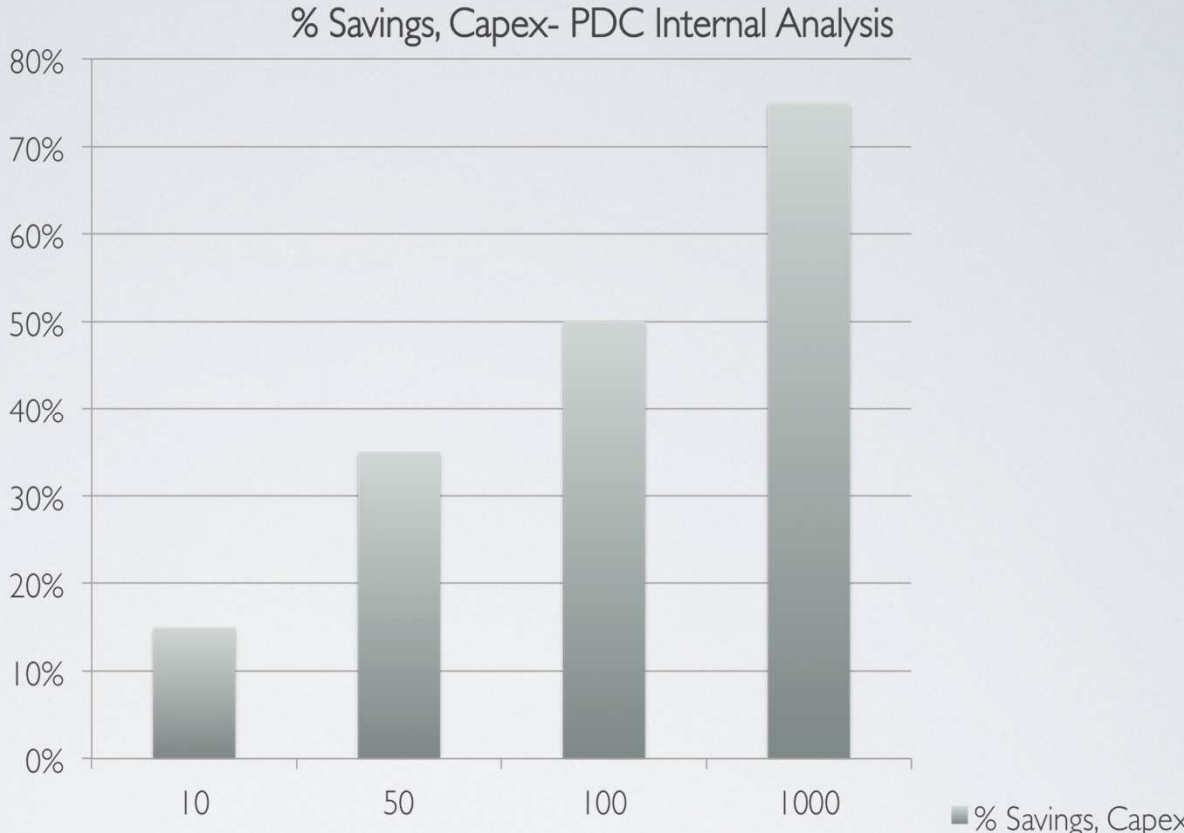
- High(er) capital cost amongst the technologies - Currently
- If not run properly, susceptible to maintenance problems.
- Compressor likes to “run often”.

Cost Constraints of All Technologies

General Cost Issues Currently Facing Compressor Manufacturers:

Low Volume.

Take Away:
Buy More,
Save More.



Lack of clear codes and standards for industry.

Take Away: Standardize,
Standardize, Standardize



Cost Constraints of All Technologies

General Cost Issues Currently Facing Compressor Manufacturers:

- Volatility in raw materials markets: Stainless Steel to be specific.
- Over the last 5 years, PDC has seen this market rise and fall in unpredictable ways.
- There are not “many” manufacturers in the game.
- And all manufacturers are small businesses.
- Further, if the worldwide market projections turn out to be accurate, there could be a need for 400 STATIONS worth of compression equipment needed in the next 3 years.
- PDC has committed to expanding capacity to meet the demand.

We perform
under pressure.



THANK
YOU

Presenter: Matthew Weaver

Organization: Pdc Machines, Inc.

[Email: mattw@pdcmachines.com](mailto:mattw@pdcmachines.com)

Office: 1-215-443-9442

Mobile: 1-410-967-1144

