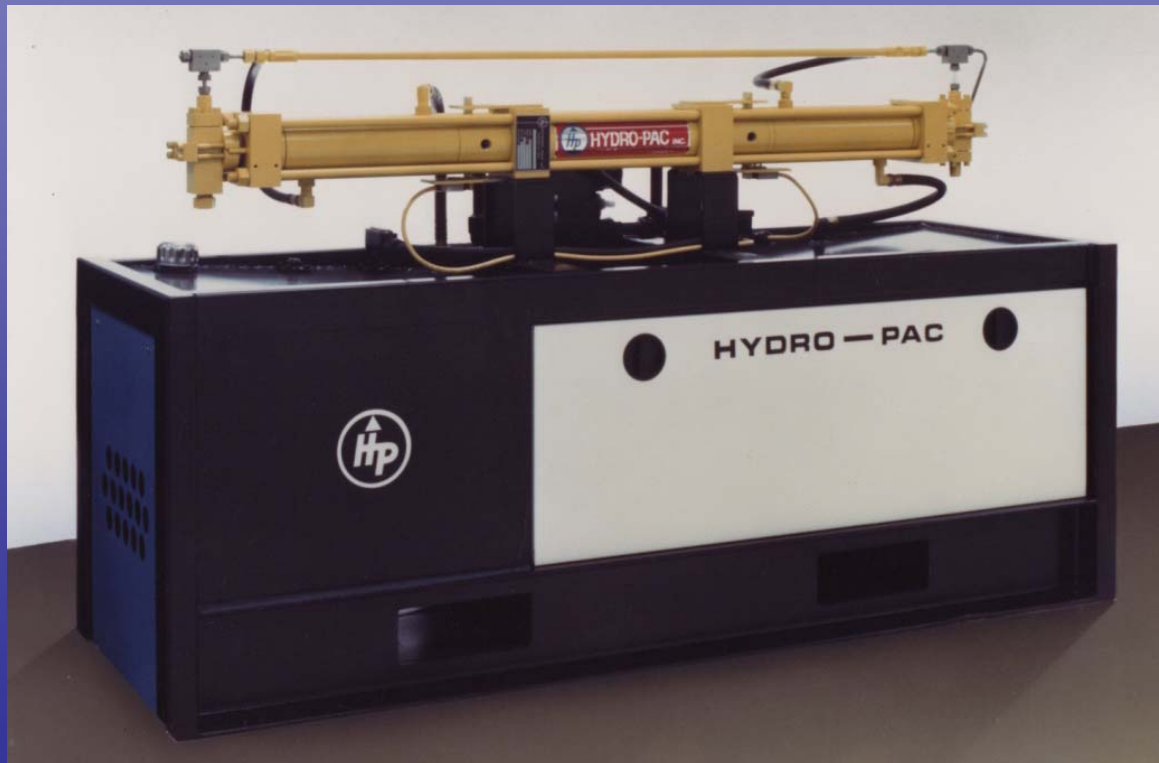


# Hydro-Pac Inc.

A High Pressure Company

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- Founded in 1972
- Manufacturer of Hydraulically Driven Intensifiers
- High Pressure Hydrogen Compressors



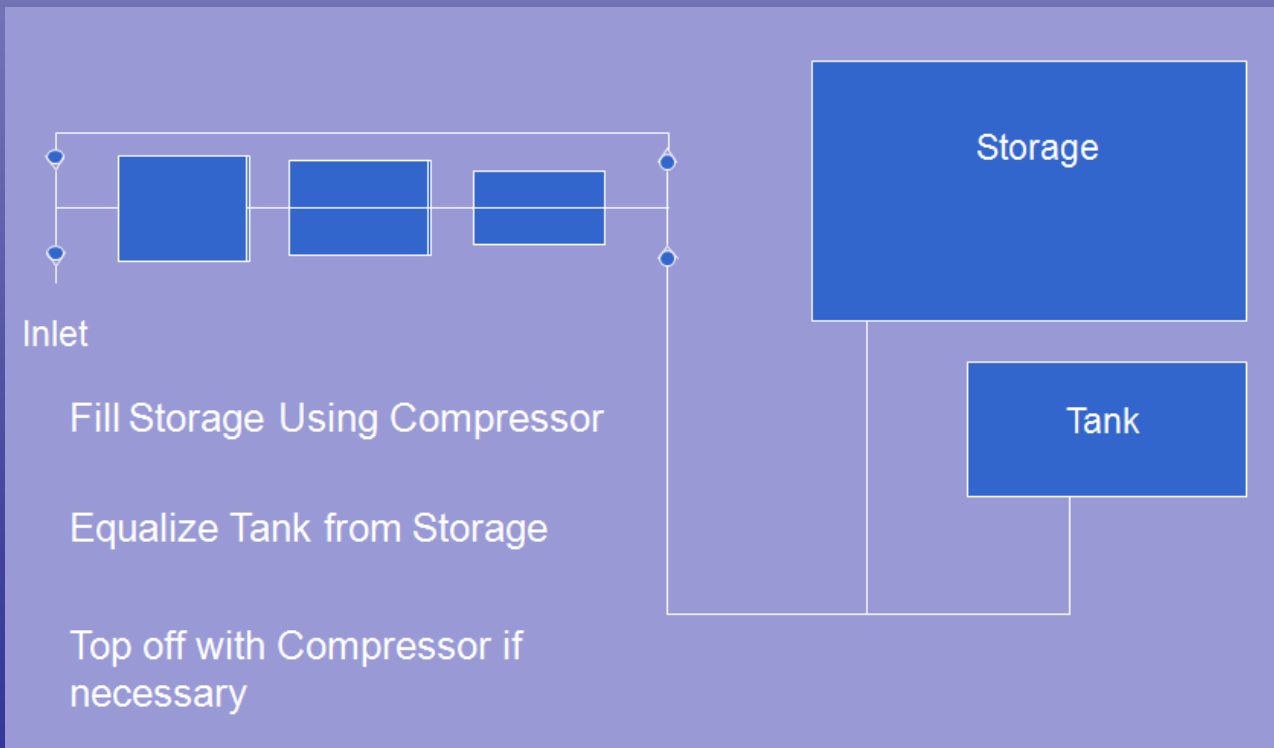
# Hydrogen Compressor Cost Reduction Topics

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- Standardize Configuration and Fueling Strategy
- Simple Designs and Proven Technologies
- Identify Economical Hydrogen Compatible Materials
- Specify Well Ventilated Sites with Remote Controls

# Standardize Configuration and Fueling Strategy

- Limit the number of compressors and stages
- Narrow the range of supply and discharge pressures
- Select a flow and standardize



# Simple Designs and Proven Technologies

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- Variable speed drives
- Double ended intensifiers
- Water cooled cylinders
- Flexible operational envelopes
- Stop and start under load

# Material Research / Installation Requirements

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- Limited material data available to designers
- Latest material recommendations from Japan
- Electric and hydraulic component costs
- Control box location