

Cobey Energy, located in Buffalo, NY is a premier equipment packager specializing in gas compression. The tube trailer off-loading equipment is specifically designed for the growing virtual pipeline natural gas market. Utilizing Cobey Energy products tube trailers can now be utilized to supply end user customers with natural gas who were previously not conveniently located near an existing pipeline. Custom engineered designs are available to meet your unique site requirements. Cobey Energy's CNG off-loading equipment is built to the highest standards and is designed to meet or exceed NFPA 52 & 30A, SAE J1616 and ASME Section VIII, Div. 1 or 2

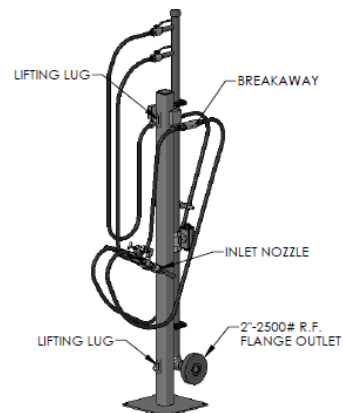
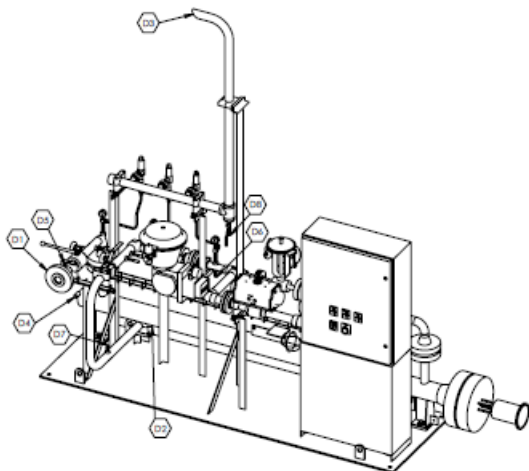
Cobey Energy CNG Tube Trailer off-loading products include:

### Pressure Reduction / Decant Panel

- ❖ Multi-stage gas decompression
  - Capable of reducing system pressure from 4,500 psig to 5 psig
  - Infinite inlet pressures acceptable within design range while maintaining final delivery pressure
- ❖ PLC based system control panel
  - Unmanned 24/7 remote operation and monitoring
  - 6" color touch screen by Red Lion (HMI)
  - Push button emergency stop switch
  - Modbus RS232/485/USB/Ethernet
- ❖ Instrumentation included:
  - (3) Pressure transducers
  - (4) Thermocouples
- ❖ 480V/3Ph/60Hz electric heater with SCR control panel for heater control and regulation
- ❖ MAWP = 4,150 psig @ 375F
- ❖ Automated bypass valve
- ❖ Manual inlet and outlet isolation valves
- ❖ Inlet, Interstage and discharge pressure relief valves
- ❖ All electrical components designed for Class 1, Div 2, Grp. D service

### Loading / Off-Loading Post

- ❖ Loading and Off-loading of natural gas tube trailers
- ❖ Twin hose design
- ❖ MAWP = 4,150 psig
- ❖ Customizable to system flow requirements
- ❖ Robust 4" heavy wall support column
- ❖ Proprietary block and bleed trailer coupling connection
- ❖ Instrumentation:
  - Pressure transducer
  - Pressure gauge
- ❖ ESD valve
- ❖ Integrated into site controls and ESD system
- ❖ Manual isolation shut off valves for hose inspections and maintenance
- ❖ Hose nozzle holster for safe storage
- ❖ 20' Parker CNG hose including:
  - OPW breakaways
  - OPW hose retractors



Pressure Reduction / Decant Package operating parameters				
Model	Flow range (scfm)	Inlet pressure range (psig)	Outlet pressure range (psig)	Nominal piping size
CE-PRS20	<200	3600-30	300-5	1.5"
CE-PRS50	201-500	3600-50	300-10	2"
CE-PRS100	501-1000	3600-12	300-5	3"
CE-PRS150	1001-1500	3600-190	450-5	4"
CE-PRS200	1501-2000	3600-250	325-10	4"

- ❖ Available tube trailer off-loading equipment options:
  - Custom operating pressures and flow rates
  - Custody transfer meters
  - Integrated offloading post / decant panel assembly
  - Sound / Weather enclosure
  - Post mounted ESD buttons

- ❖ Cobey Energy is an Authorized Packager of:



Cobey Energy supplies and manufactures a full complement of CNG filling station components, including:

- ❖ Natural Gas desiccant dryers
  - Non-regenerative single vessel
  - Manual regenerative, single & dual vessel
  - Auto regenerative, single & dual vessel
- ❖ Priority Fill Panels
  - Available in ½", ¾" and 1" line sizes
  - Includes site ESD isolation valves
  - Allows for PLC controlled filling and monitoring of storage
- ❖ ASME Section VIII, Div 2 storage spheres
  - 48" ID – 11,993 scf capacity ea.
- ❖ ASME storage tubes
  - 23' lg. – 12,207 scf capacity ea.
  - 11.5' lg. – 5,711 scf capacity ea.
- ❖ CNG fuel dispensers
  - Fast fill
  - Time fill posts