

SYSTEMS

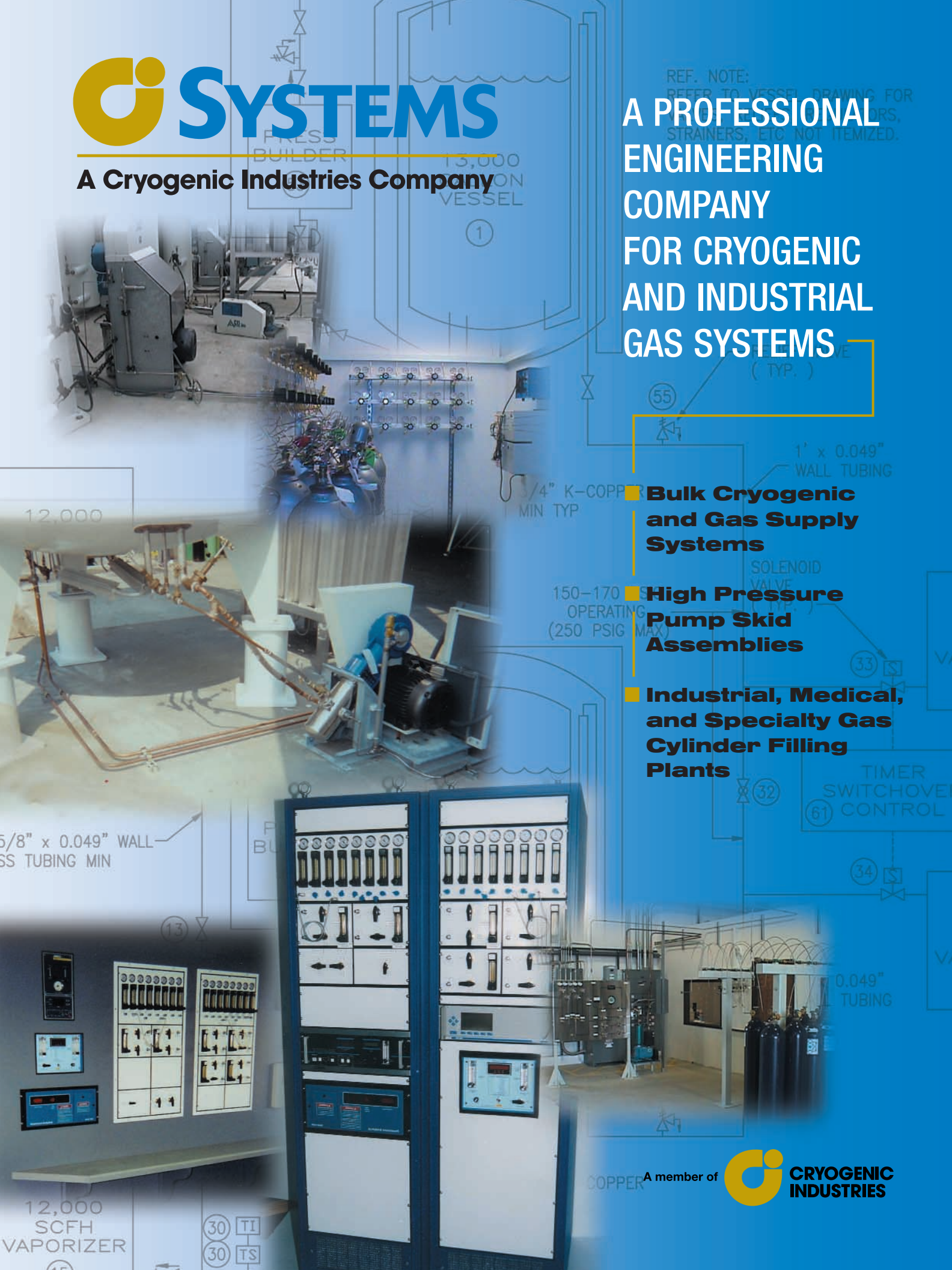
A Cryogenic Industries Company

A PROFESSIONAL ENGINEERING COMPANY FOR CRYOGENIC AND INDUSTRIAL GAS SYSTEMS

**Bulk Cryogenic
and Gas Supply
Systems**

**High Pressure
Pump Skid
Assemblies**

**Industrial, Medical,
and Specialty Gas
Cylinder Filling
Plants**



FRESS
BUILDER
13,000
GAL
STEEL
VESSEL

REF. NOTE:
REFER TO VESSEL DRAWING FOR
DIMENSIONS, WEIGHTS,
STRAINERS, ETC NOT ITEMIZED.

12,000

3/4" K-COPPER
MIN TYP

1' x 0.049"
WALL TUBING

150-170
OPERATING
(250 PSIG MAX)

SOLENOID
VALVE

5/8" x 0.049" WALL
SS TUBING MIN

0.049"
TUBING

12,000
SCFH
VAPORIZER

COPPER A member of



CRYOGENIC
INDUSTRIES

(30) TI
(30) TS

Bulk Cryogenic and Gas Supply Systems

CI Systems will work with you on the design and installation of all types of bulk gas supply systems. We have experience in many applications including, but not limited to, cryogenic freezing, nitrogen injection, medical gas supply, laser cutting machines, high pressure gas for die casting or leak testing, inert blanketing, and electronics. Our team can perform site surveys, application evaluation, and system recommendations with your customers.

Pump Skid Assembly Packages

For cryogenic pumping applications, we customize skid packages utilizing our relationship to ACD, the market leader in cryogenic reciprocating and centrifugal pumping technology. Packages are designed for a wide range of pressures and flow rates, for partial or fully automatic operation.

Skids come complete with controls and components all pre-piped, wired, and tested prior to shipment. We arrange for the installation and start-up, per your request.

Medical oxygen, assist gas for laser cutting machines, and high pressure gas requirements are just a few of the applications we service. We also provide skid packages using diaphragm compressors and air-driven booster pumps for helium and 6000 psig (414 bar) cylinder filling applications.

Industrial, Medical, and Specialty Gas Cylinder Filling Systems

CI Systems specializes in the set-up of cylinder filling plants. If you are looking at a new facility, upgrading an existing one, or adding additional product lines, we will design and layout a system to optimize your resources.

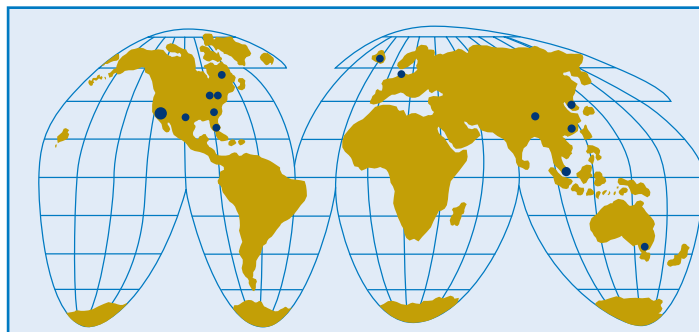
We have expertise in manual or automatic fill systems, palletized or standard fill manifolds, liquid cylinder filling, medical E set-ups, helium and specialty gas cylinder filling.

Specialty Gas Analytical Lab Packages

Whether you are just entering the pure gases market, or you are looking to get into custom blends and gravimetric filling, CI Systems offers the expertise to set up your facility with instrumentation and sampling to perform specialty gas analysis. Complete installation and instruction is available. Our systems are easy to operate, state-of-the-art, and aesthetically appealing.



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2321 S. Pullman Street**Santa Ana, California 92705 USA****Tel +1.949.251.1822****Fax +1.949.251.1295****info@cisystems.us****ACD Cryo**
ACD
CI-China
CI-Houston
CI-Korea
CI-Malaysia
Cosmodyne
CryoAtlanta
CryoCal
CryoCanada
Cryoquip
Cryoquip-Australia
Cryoquip-China
Cryoquip-East Coast
Cryoquip-Europe
Cryoquip-Malaysia
Mafi-Trench
PCS
Wittmann