

**FROM START TO FINISH...  
WE ARE THE CO<sub>2</sub> SPECIALISTS!**

**CO<sub>2</sub>**

**Offering Engineering Design, Fabrication, Installation  
And Customer Service Support Since 1970.**



## Let Us Introduce Ourselves....

TOMCO<sup>2</sup> Equipment Company has been a trusted supplier of Carbon Dioxide Equipment since 1970.

Our track record and worldwide customer base give us the credentials, know-how, and ability to meet the demanding needs of this important industry. We can assist you with your CO<sub>2</sub> equipment project from start to finish. From the initial design, fabrication and installation, we pride ourselves on offering high quality, competitively priced equipment.

### Our product line includes:

- CO<sub>2</sub> Storage Units (both horizontal and vertical, urethane and vacuum insulated)
- D.O.T. Transportation and Delivery Units
- ISO Containers
- Cylinder Filling Pumps
- Pressure Build & Direct to Process Vaporizers
- CO<sub>2</sub> Water Bath Vaporizers
- CO<sub>2</sub> Vapor Filters and Vapor Heaters
- Dry Ice Block & Pellet Equipment
- Water Treatment Systems
- Pathogen Management Systems
- Fire Suppression Systems

Our globalized sales and service continue to grow by providing new and innovative products and services to meet customer requirements. Our Parts & Service Department operates 24 hours a day, 7 days a week and can provide full services including engineering, installation and preventative maintenance.



## CO<sub>2</sub> Storage Units

TOMCO<sub>2</sub> offers a wide variety of CO<sub>2</sub> Storage Units for every need...

Storage Units have made TOMCO<sub>2</sub> the worldwide leader in CO<sub>2</sub> Equipment. Right from our very beginning, TOMCO<sub>2</sub> has produced highly innovative, reliable and efficient CO<sub>2</sub> storage units. Many of the storage units we manufactured in the 1970s are still in use today.

Today we offer several different models and sizes of storage units. All our vessels are built in accordance with ASME Code Sec. VIII, Div.1. You can choose from urethane insulated or vacuum insulated, horizontal and vertical units, depending on your particular needs.



### Series E Storage Units

The urethane insulated E-Series offers efficient CO<sub>2</sub> storage units from 3.75 nominal tons (3.4 MT) to 120 nominal tons (109 MT). There are 12 standard sizes of Series E models available to meet your needs. These

units are designed to operate economically in environments of high heat and humidity. Low profile Ei Series units are available up to 30 tons for ocean freight in ISO shipping containers.

### Series C Storage Units

The urethane insulated C-Series units are a skid-mounted design. These units offer totally enclosed valves, electrical, refrigeration and optional pressure build vaporizer. Sizes range from 3.75 nominal tons (3.4 MT) to 60 nominal tons (54.4 MT).



### Series V Storage Units

The Vertical CO<sub>2</sub> Storage Units are the right solution for installations that offer very little space. The urethane Series V range from 6 nominal tons (5.4 MT) to 75 nominal tons (68 MT).

### Vacuum Insulated Storage Units

Our Vertical Vacuum Insulated Storage Units maintain pressure for a longer period of time without electrical refrigeration. Units are available from 6.2 nominal tons (5.62 MT) to 50.3 nominal tons (45.6 MT).



## CO<sub>2</sub> Transportation Equipment



**3.5-ton Combo Body**



**6-ton Flatbed**



**3-ton Econo Body**

### **D.O.T. Delivery Units**

D.O.T. Delivery Units for liquid carbon dioxide are designed for truck or trailer mounted uses. D.O.T. Delivery Units are available as a complete drive-out package mounted on medium duty trucks with flatbed or combo bodies. D.O.T. units are available in sizes ranging from 2.5 ton (2.27 MT) to 12 ton (10.89 MT). The combo units are equipped with storage areas for high pressure cylinders. Lightweight, economy bodies are also available.

### **Liquid CO<sub>2</sub> ISO Containers**

Our rugged 21 ton ISO Container is approved for transporting liquid carbon dioxide by truck, rail or ship to destinations worldwide. CO<sub>2</sub> pressure can be maintained from 250 psig (17.2 bar) to 350 psig (24.1 bar) for greater than 30 days at an ambient temperature of 122° F (50° C).

### **60 Ton Portable Storage Unit**

Primarily used in oil field fracking. Also used where temporary storage for liquid carbon dioxide is required. Unit is moved empty of product. Available in other sizes.



*Optional automated lift cylinder compartment systems available.*



## CO<sub>2</sub> Applications Equipment



### **Electric Direct to Process Vaporizer**

Our Electric Direct to Process Vaporizers are designed to NEMA 3R equivalent. Standard sizes are available from 15 KW up to 120 KW. Stainless steel models available.



### **Electric Pressure Build Vaporizer**

Standard Pressure Build Vaporizers are available in sizes ranging from 9 KW to 80 KW. Units are designed to maintain storage unit pressure.



### **CO<sub>2</sub> Water Bath Vaporizer**

Very energy efficient vaporizer with ASME coded heat exchanger with low water supply protection and low discharge CO<sub>2</sub> temperature protection. Optional dual or single water pump assemblies with factory installed water piping. Available in standard sizes up to 20,000 lbs/hr. (9072 kg).



### **Steam Heated Water Bath Vaporizer**

Advanced CO<sub>2</sub> vaporizer is ideal for applications that require consistent temperature. Available in standard sizes up to 20,000 lbs/hr. (9072 kg).

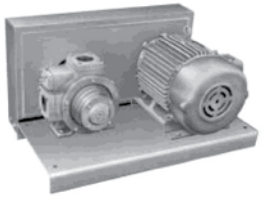


# CO<sub>2</sub> Applications Equipment



## **CM-35 Cylinder Filling Pump**

High Pressure Cylinder Filling Pumps are designed to fill all types of carbon dioxide cylinders at a capacity of 30-35 lbs/min. (14-16 kg/min). Belt driven design. Capable of filling fire extinguishers. Optional single or dual electronic scales and automatic filling valves are available.



## **Liquid CO<sub>2</sub> Transfer Pumps**

Carbon Dioxide Transfer Pumps are available for transferring low pressure liquid CO<sub>2</sub> from one approved storage vessel to another. These units are shipped as a complete assembly and are suitable for outdoor service. Dual pump assemblies are available.



## **Dry Ice Reformers**

Dry Ice Reformers produce a small dry ice slab by recompressing dry ice pellets. Reformers can replace the traditional bulk cutting method. Product loss is minimized and liability issues from cutting with traditional band or gang saws are eliminated. U. S. and European slice sizes available. Capacities up to 2,500 lbs/hr. (1134 kg/hr.). Available with CE mark.



## **CO<sub>2</sub> Dry Ice Extruders**

Dry ice extruders allow you to manufacture dry ice pellets in your own facility. Various size die diameters are available to produce pellets best suited to your application. All models constructed of USDA approved materials for food processing industry. Available with CE mark.



## **Dry Ice Block Press**

Our Dual Dry Ice Block Press produces over 5,000 lbs/hr. (2,268kg/hr) of high density 55 pound (24.9 kg/hr.) 10" X 10" X 10" (25.4 cm x 25.4 cm x 25.4 cm) dry ice blocks. A single block press is also available that produces over 2,500 lbs/hr. (1134 kg/hr.).



## **CO<sub>2</sub> Snow Generating Equipment**

Preserve the high quality of your products. We offer the most efficient Carbon Dioxide Snow Applicators available. Our snow hoods can be adapted to your present production line and can be fully automatic or manually controlled. These Snow Hoods offer a cost effective method of preventing dehydration, retarding bacteria growth and heat removal.

**TOMCO<sub>2</sub> Parts, Service & Installation — Simply the best in the business!**

Technical support available 24 hours a day, 7 days a week.

Factory trained Service Technicians

## **TOMCO<sub>2</sub> Equipment Company**

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