



Innovation. Experience. Performance.



**ORCA Delivery Systems - XT-2500/PT-1000**

The latest generation of Orca Delivery Systems offers a lower cost delivery solution with the greatest flexibility providing the opportunity to fill small bulk tanks, Medi-Cyls, Homecare Respiratory delivery vans and personal respiratory cylinders from the same vessel. The XT-2500 and PT-1000 provide pump-less operation eliminating high equipment and maintenance costs allowing you to provide the most cost effective service in the industry.



**MD-700**

The MD-700 is designed for economical transportation and delivery of liquid oxygen. It provides ample storage volume for dense distribution routes combined with extremely low evaporation rates making the unit just as ideal for rural routes. Further, the MD-700 features MicroBulk benefits such as a fast, efficient, zero-loss fill with automatic shut-off from the Orca. These key features reduce the overall cost of operation by getting the delivery unit on the road quickly after a fill and virtually eliminating vent losses typical with other distribution equipment.



**Medi-Cyl Storage Systems**

The Medi-Cyl storage systems allow users to enjoy the benefits of onsite gas supply. Gone are the hassles, waste, and expense of full-for-empty gas cylinders. The Medi-Cyl is an integral component of the Medical MicroBulk Solution being utilized as the main gas supply source in many medical applications as well as being the primary fill unit for personal respiratory vessels at the patients residence.



**CAIRE® Home Respiratory Family of Products**

The CAIRE products offer a full line of Liquid Oxygen Reservoirs and Liquid Oxygen Portables combined with product expertise and consulting to bring a unique approach to the home respiratory and long term care market. The MicroBulk Medical solution provides for even greater efficiency in the distribution to the Liquid Oxygen Reservoir market increasing competitiveness and profitability.

All Medical installations MUST be designed, installed and verified per NFPA standards.



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MicroBulk Medical Oxygen

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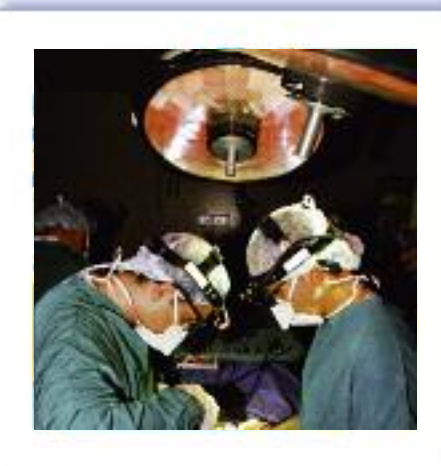
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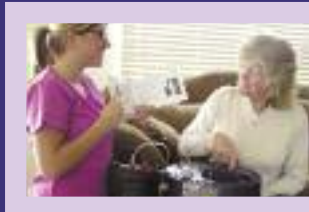
Ensuring oxygen supply capabilities.  
Any medical application - Any time





## Long-Term Care Facilities

With the rapid increase in the aging population and the push for reduced hospital stays, the 500,000 patients in Long-Term Care Facilities will continue to rise. The on-site filling of MicroBulk Medical Oxygen is an excellent opportunity for these lower volume LTC Facilities. Filling portable and personal liquid oxygen systems from a Medi-Cyl storage system improves the efficiency for both the healthcare provider and the institution.



## Health Care Centers

Urgent, health & rehab care facilities require a secured supply of medical oxygen and with MicroBulk Medical Oxygen they can focus on their patients rather than their gas supply. With a wide selection of Medi-Cyl models available, the best economical package can be installed to give the Center all the benefits of bulk in a compact affordable package.



## Surgical Centers

Outpatient and short-stay surgical procedure facilities require a continuous and assured supply of medical oxygen. Gas volumes and usage patterns make MicroBulk Medical Oxygen the best method of supply to these facilities. Taking the oxygen management effort off the Surgical Center staff and placing the responsibility on the respiratory care firm provides excellent value-added service. Monitoring the gas inventory with telemetry provides further security and customer satisfaction.



## Hyperbaric Medical Services

Hyperbaric oxygen treatment involves giving the patient high concentrations of oxygen within a pressurized chamber to accelerate the healing process from respiratory illness and to non-healing wounds. The Medi-Cyl is an excellent solution for Hyperbaric Chamber businesses and with the optional telemetry system for remote level monitoring you can be assured of a continuous supply.



## Home Healthcare Provider – Van Fill

The Orca XT-2500 and Orca PT-1000 are excellent sources of oxygen supply to the local Homecare Respiratory Care provider to fill their delivery vans with liquid oxygen. No longer does the HRC driver need to come to your fill plant each morning and waste valuable time waiting in line to be filled. Instead, with MicroBulk Medical delivery, you can now provide their oxygen supply at their site at a time convenient for both parties. This increases delivery route efficiency and flexibility for the HRC.



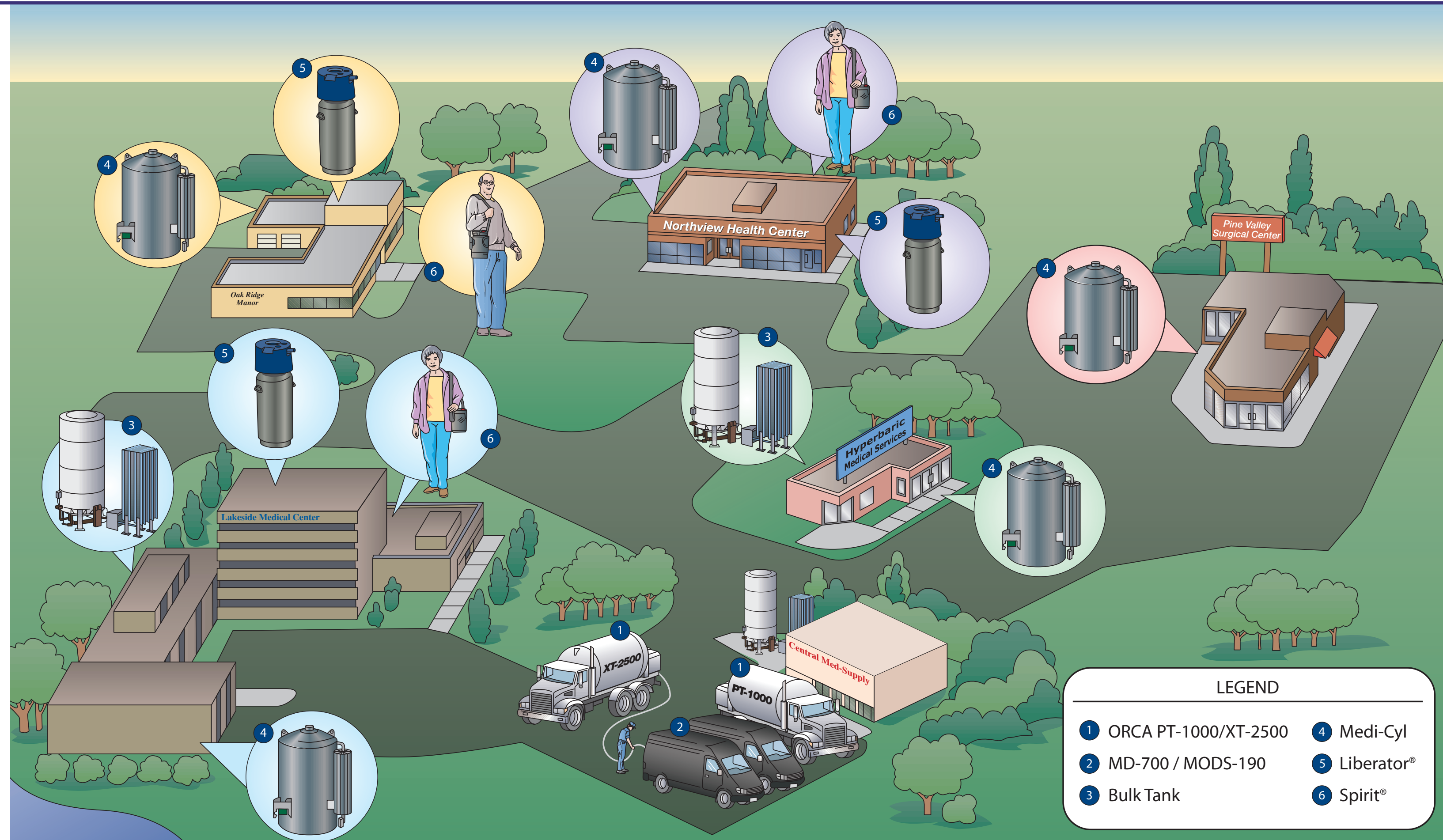
## Home Healthcare

With Medicare continually tightening reimbursement rates for respiratory oxygen, it is critical that the distribution of oxygen be as efficient as possible. The MicroBulk Medical solution provides all the key elements for a gas supplier to fill home respiratory patients directly, or as a third party distributor. The flexibility of the equipment allows for a variety of delivery methods to meet the needs of the home respiratory market.



## Small Medical Centers & Hospitals

Bulk oxygen is widely used in large hospitals as the main supply for their oxygen needs. Small, regional hospitals with less than 100 beds, however, tend to fall outside the preferred usage volumes for bulk supply, and thus are excellent candidates for MicroBulk. Additionally, a hyperbaric chamber used for oxygen treatment may be located in this type of institution. With Medi-Cyl sizes up to 2000 liters, the MicroBulk Medical solution can effectively and efficiently supply the smaller hospitals allowing them all the gas benefits of a larger hospital.



### LEGEND

- |                        |              |
|------------------------|--------------|
| 1 ORCA PT-1000/XT-2500 | 4 Medi-Cyl   |
| 2 MD-700 / MODS-190    | 5 Liberator® |
| 3 Bulk Tank            | 6 Spirit®    |