

LP-38 Unique Features and FAQ

We strictly adhere to the highest quality standards, proven through our demonstrated field performance. This makes the LP-38, the market leader in:

- + **Transportability** - All our overpacks, including the LP 38, are DOT approved for transport over public roads.
- + **Size** - Handles one-ton containers, the largest containment system commercially available.
- + **Customizable** - Can modify the design slightly to accommodate larger containers if needed.
- + **Ease** - Low maintenance, concise/easy training, quickly resolves the problem, and is immediately available. Emergency kits, scrubbers, and other solutions may require on-going maintenance, significant training, and risk being inoperable when needed most.
- + **All-in-one** - Our LP 38 package includes:
 - Overpack chamber
 - Multiple access ports for sampling, treatment, and repackaging
 - Pressure gauges
 - Ton container loading table
 - Forklift-ready skid
 - One-time training and life-time product support
- + **Lowest all-in costs** - Our products do not require extensive training or complex air scrubbing systems yet handle all the largest containment challenges - this means the lowest life-cycle costs.
- + **Rapid deployment** - The LP-38 and all our overpacks are at-the-ready 24/7/365 to contain incidents rapidly and easily. Literally an "open/shut" case.
- + **Accessories** - Options include:
 - Extraction straps/chain
 - Adapter frame to accommodate smaller cylinders
 - Rapid open/close drier on door closure
 - Heavy duty wheels with brakes

Frequently Asked Questions

1. Are these units available for rental?

We do have one unit to rent, however, the pressure rating on this unit is 250 psi which may be insufficient for some applications.

2. Does the Y Ton container with pneumatic valves fit in the LP-38? (The valves and caps are longer than regular CGA valves).

Yes, these containers would fit into the LP-38. Valve and valve protection covers vary from one application to another and to ensure a proper fit, we would just need overall length of the cylinder/valve assembly to quote on a unit that is sufficiently long. Please note that we can also modify the design slightly to accommodate longer cylinders if needed. Cost for this type of modification is very low and can be accomplished quickly so that there is no delay in delivery time.

3. What's the easiest way to extract a ton container from this over pack?

The method of cylinder removal depends somewhat on the cylinder configuration. In mostcases, a simple eye-bolt may be attached to the target container to which a chain may then be attached. The chain is then attached to a forklift and gently pulled out of the overpack. Alternately, an eye-and-eye lifting strap can be attached to the end of the container nearest the closure while the other end is attached to a forklift which can then slowly pull the container from the overpack onto the roller table furnished with the system. If using an extraction strap or chain as described is not practical or desirable, we can provide other custom accessories for cylinder removal.

4. Can the LP-38 also be used for smaller cylinders, such as standard (T, K, etc)?

While the LP-38 is designed for use with 1-ton and "Y" containers, it can be used with smaller cylinders. Placing smaller cylinders inside the unit requires the use of an adapter frame which can be provided as an accessory.

The HP-15 unit is designed specifically for standard cylinders up to 15 inches in diameter and would be a more economical choice unless it will also be used for the larger, 1-ton containers.

5. What is the delivery time?

Standard delivery time is 18 weeks after receipt of a 25% down payment.

6. Are there any accessories/options available for the LP-38?

Adapter frame for smaller cylinders
Extraction straps
Rapid open/close electric driver
Heavy duty wheels with brakes
Others can be made on request

7. Is the loading table extra?

No, the loading table is standard equipment and comes with each unit.

8. Is a brochure available?

We do not have a brochure, but a Specification Sheet is available as a PDF file via email or downloadable [here](#).

9. Is it possible to get the LP-38 with slightly different dimensions?

We can modify the design slightly to accommodate longer and larger cylinders if needed. Cost for this type of modification is based on the extent of the size and pressure rating change and can be accomplished very quickly so that there is no delay delivery time. Please call 404-693-8388 for a quote.

10. Is there a price discount on multiple units?

A discount price can be applied based on the number of units purchased.

11. Are there any gases that are prohibited for use with the LP-38?

Per DOT regulation, Acetylene, Chlorine Trifluoride, Nitric Oxide, Nitrogen Dioxide (detonation hazard), cylinders containing an explosive mixture, and cylinders that have been overfilled.

12. How can the LP-38 be transported in the field?

The prototype LP-38 has been deployed on field projects several times. In these cases, the LP-38 was transported to the work site on a flatbed trailer. The LP-38 was off loaded using a forklift, the target secured in the LP-38, and a forklift used to place the entire package back onto the truck for transport. In another case, the overpack was secured on a flatbed trailer and remained there during both the loading and unloading operation. In both cases, the supplied roller table facilitated loading the target container.

Please note that the LP-38 is constructed with forklift channels. The weight of the LP-38 is 5,500 lbs. meaning an 8,000 lb.-rated fork truck could be used to lift the vessel on either its short axis or long axis. The short axis ONLY should be used for an LP-38 containing a cylinder. The long axis can be used for an empty LP-38, provided the fork truck approaches the LP-38 ONLY from the heavy end (end with the closure).