

## RoboVent Flexan Enclosure System

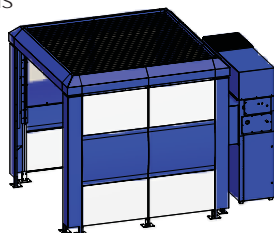
***A flexible, modular and simple solution providing both guarding and hooding for welding stations.***

The RoboVent Flexan Enclosure is a modular system, incorporating both guarding and an overhead hood, truly revolutionary in design. The result is a complete enclosure that can be expanded in any direction, horizontally or vertically. The system consists of a bolt-together panel system that is designed to go together very quickly, and provide the flexibility of adjustable height, with a transparent polycarbonate top. The height of each guarding panel can be easily changed from 112" to 162" high, with the bridging structure that supports the top connecting to the fascia at the top of each panel.

### ***Contain the smoke!***

- **Simple Installation:** By using standard components, the Flexan Enclosure installs quickly, and can be simply modified to fit almost any welding station or production line. In many cases complete systems can be taken apart, modified, then reassembled in a couple of hours.

- **Modular Design:** Modifications are easy due to the modular panel design. A guarding and hood system may be simply expanded and all the components may be re-used.



- **Transparent Top Lets Light In:** A transparent, polycarbonate top allows light into the enclosure. This helps to avoid additional operator lighting in the enclosure and reduces safety risks.

- **Durable Design:** The components of the Flexan Enclosure System are powdercoated to reduce the risk of surface scratches. This keeps the system looking new for the life of the product.

- **Lower Cost Shipping:** The entire Flexan Enclosure system can be shipped LTL on 4' x 8' pallets, making transportation much easier.

- **Large Sizes Possible:** The RoboVent Flexan Enclosure may be built in almost any size. Enclosures up to 30' wide by 120' long have been installed, all using standard components.

### ***Available Options:***

- **Custom Retractable Hoods:** Our team can build a motorized retractable hood that is custom engineered around your manufacturing processes for ease of use and safety. (For use in areas with overhead cranes.)

- **RoboVent WeldCat Filtration Equipment:** The unique RoboVent WeldCat equipment has been design to integrate seamlessly into the Flexan Enclosure system. The WeldCat units capture contaminated air from inside the enclosure, filter it, and return clean air to your plant.

- **Crane Slot Modules:** Crane Slots can provide easy access into the enclosure for large, heavy parts that need to be lifted by overhead cranes.

- **Virtually Eliminate the Risk of Fire:** The proprietary RoboVent SparkOut plenums can be incorporated into the Flexan Enclosure hood. The SparkOut system has been designed to greatly reduce the risk of fires in duct and filtration equipment. It has effectively prevented fires in hundreds of robotic and automatic weld cells since 1996.

This system is covered by one or more of the following patents: #6,758,875; #4,610,704 and other patents pending. Due to continued engineering, all specifications are subject to change without notice. ©2008 Great Lakes Air Technologies, Inc.