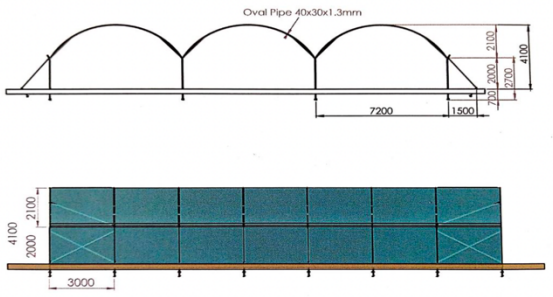
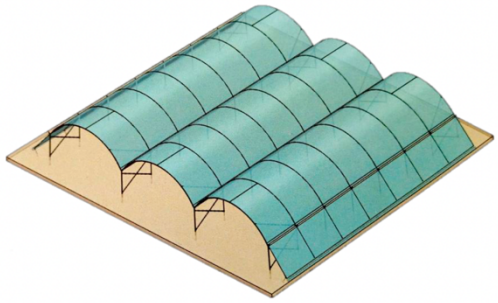
OV-M Model – Oval Macrotunnel

Structural Innovation with Enhanced Resistance for Safer Agriculture



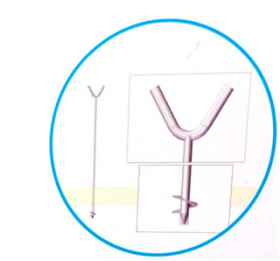
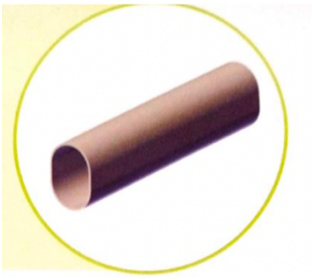
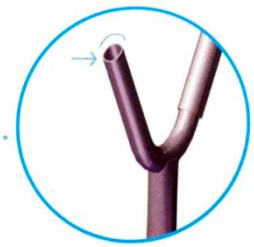


Executive Summary

In an agricultural context increasingly affected by extreme weather events, growers need structures that not only protect their crops but also withstand severe conditions without compromising profitability. The OV-M model represents the evolution of the traditional macrotunnel: an optimized structural design using oval-shaped tubing that provides 30% more resistance while maintaining economic efficiency and ease of installation.

What is the OV-M Macrotunnel?

The OV-M is a high-performance macrotunnel whose main innovation lies in the use of 40 x 30 mm oval tubing in its structure instead of conventional round tubing. This shape significantly improves mechanical resistance, allowing for more efficient load distribution against wind, rain, or plastic accumulation.

Key Advantages of the OV-M

- **+30% Structural Resistance**

Thanks to its oval design, the OV-M model's tubing withstands 30% more load compared to traditional structures. This results in greater durability, lower maintenance, and increased safety during storms, strong winds, or hail.

- **Easy Installation**

Quick and cost-effective structure assembly. Self-drilling post, no concrete required.

- **Protection for High-Value Crops**

Ideal for strawberries, blueberries, blackberries, and other crops requiring protected agriculture.

- **Availability of Tunnel Widths**

6 m, 6.60 m, 7.20 m, and 8 m options available.

Why Choose the OV-M With Us?

At our company, we innovate not only in structures but in how we create real value for the grower:

- Field-validated design.
- High-resistance galvanized structure with easy installation.

- Models adapted to climate, crop, and budget.
- Regional presence in Mexico and Latin America.

Our commitment is clear: to help you produce more, with less risk and greater stability.

References

1. FAO (2020). *Protected Cultivation Structures: Engineering Considerations*.
2. SIAP México (2023). *Evaluation of Losses Due to Climatic Phenomena in Protected Agriculture*.