



Haygrove

FIXED TOP VENT TUNNELS

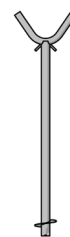
WHY CHOOSE THE FIXED TOP VENT TUNNEL?

The Fixed Top Vent polytunnel offers an ideal growing environment for fresh produce by providing constant air circulation while shielding crops from wind and rain damage.

The Haygrove Fixed Top Vent is unique in offering an optional roller hoop vent, allowing growers to fine-tune airflow and control the internal climate.

- **Apex vent:** The permanent vent at the apex ensures continuous air circulation while protecting crops from wind and rain, minimising labour required to manage the tunnels.
- **Optional roller vents:** Additional vents on the hoops and sides create a chimney effect for optimal air exchange, allowing growers to manage airflow to create the optimal growing conditions.
- **Temperature and humidity regulation:** The vent system prevents hot air from accumulating above the crop, making it especially beneficial in hot or humid climates.
- **Pest protection:** By covering the roof and side vent areas with netting, it's possible to create a fully enclosed environment that prevents pests from entering the tunnels.

LEGS



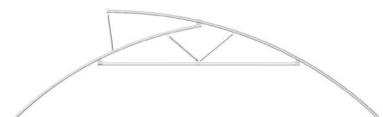
Y-LEG

STEEL



HSO 80

HOOP PROFILE



MINIMISING LABOUR

Labour costs are increasing while labour availability is decreasing, meaning automation on a field scale is an ever-growing priority. Venting and covering the tunnels are the most time-consuming tunnel management practices. With the Fixed Top Vent tunnel, the man hours required to effectively manage the internal climate of the tunnels are greatly reduced.

STRENGTH

A fundamental feature of the Fixed Top Vent is its ability to withstand winds. The end kits of the tunnels are reinforced for this purpose, and the tunnel structure is designed to disperse the wind forces from the point of impact across the rest of the structure. On the Haygrove propagation site in South Africa, Fixed Top Vent tunnels were constructed in 2018 and have regularly withstood winds of over 100km per hour.

ADDITIONAL TECHNOLOGIES

FULL-WIDTH ROLLER DOORS

Start your production early to achieve the early season market prices. Fully enclosed tunnels protect crop from wind and adverse weather to give the plants optimum growth conditions. Roller doors can be opened and closed with a choice of mechanical and electrical gear boxes which gives the grower maximum flexibility, a benefit for both the tunnel environment and accessibility. Being the full width of the tunnel, the roller doors allow machinery full access.

RAINWATER GUTTER

Haygrove Rainwater Gutters are designed to harvest rainwater run-off from the polytunnels catchment area. Water can then be collected and stored for crop irrigation. Gutters provide an effective seal to the leg rows which is significant when forcing an early crop. The risk of water damaging crops is reduced and no water can build up inside the tunnels. Rainwater gutters are manufactured from pre-galvanised steel, adding considerable strength to the leg row of the tunnel.

RETRACTABLE SHADE NET

A Retractable Shade Net option offers an additional climate management tool to maximise the potential of the crop. The shade net can be deployed strategically throughout the day to balance UV light exposure and VPD management for optimal growing conditions.

With a 3m gutter height, a retractable shade net can be installed without restricting access. The mechanised system, which operates over an area of up to one hectare at a time, pulls the shade nets on and off. The system can be used with a wide spectrum of netting types and even thermal screens to suit the growing requirements.

