



Haygrove

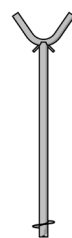
# FIXED TOP VENT TUNNELS

## WHY THE FIXED TOP VENT TUNNEL?

The Fixed Top Vent polytunnel provides the ideal protected growing environment for fresh produce. The versatile and robust features of this tunnel structure make this a good choice for the long-term production of delicate, high value crops.

- The apex vent provides a permanent vent so air inside the tunnel is constantly circulated, whilst also protecting the crop from wind and rain damage.
- Option of additional roller vents on the hoops and sides of the tunnel creates a chimney effect for full exchange of air and gives the grower the ability to manage the growing environment to achieve high yields.
- The combination of vents prevents hot air from accumulating above the crop, which is a significant advantage in hot or humid climates.
- It is possible to create a closed environment by covering the venting areas in the roof and sides with netting, preventing pests from entering the tunnels.

LEGS



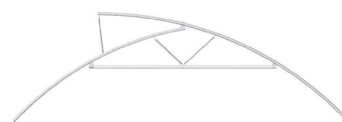
Y-LEG

STEEL



HSO 80

HOOP PROFILE



## REDUCE 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.

## RAIN GUTTERS

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. Where there is no roller vent, the polythene is fixed directly into the gutters. Gutters provide an effective seal to the leg rows, reducing the risk of water damage to crops and preventing water build up inside the tunnels. Rainwater gutters are manufactured from pre-galvanised steel, adding considerable strength to the leg row of the tunnel.

## 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 over 100km per hour.

## ROLLER DOORS

Full width roller doors can be opened and closed with a choice of mechanical or electrical gearboxes, giving planters maximum flexibility. The roller doors are designed to cover the entire width of the greenhouse, creating a better greenhouse environment that is more accessible, allowing the work machine to enter fully, whilst also ensuring that there is control of the atmosphere in the tunnel.

