

Haygrove

HiLo TUNNEL

WHY THE HILO TUNNEL?

As a world leader in the design, manufacture and supply of commercial-scale polytunnels and substrate systems, Haygrove is proud to introduce the new HiLo tunnel - giving you the potential to significantly increase quality, increase yield and reduce labour costs.

NO COMPROMISE

Open and close tunnels when you want, irrespective of labour costs. There is no longer a need to compromise the tunnel environment or sacrifice leg row fruit to weather damage. This gives the potential for significantly increased quality and yield.

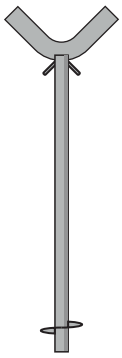
REDUCE LABOUR

Labour costs are increasing while labour availability is decreasing. Automation on a field scale is an ever-growing priority. Venting and covering the tunnels are the most time-consuming tunnel management practices. The HiLo tunnel greatly reduces the amount of time - and labour - needed to effectively manage the tunnel's internal climate.

RETURN ON INVESTMENT

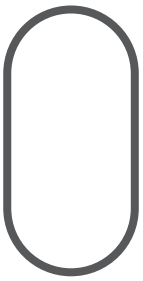
We understand the soft fruit market and recognise the need for a quick return on investment. The HiLo offers a mechanised solution for venting with options for a single rack and pinion vent in the apex, combined with a roller vent at gutter height or a double rack and pinion vent in the apex. Both options offer greater control over the climate in the tunnel.

LEGS



HiLo vent leg

STEEL



HSO80

HOOP



HiLo hoop

KEY FEATURES

HIGH LEG

Gutter height is 2m or 2.5m. Multi-span air flow is above the crop height and allows for easy machinery and personnel access.

LOW APEX

Reduces exposure to wind and mitigates issues with planning height restrictions.

BAY WIDTH

Optimised for crop density, machinery specifications and structure strength. The HiLo profile maximises air volume for area covered to help regulate internal climate for higher yields and consistent fruit quality throughout the season.

APEX VENTS

Apex vents are the most effective place to vent. Opening the vents prevents a mass of hot air accumulating in the apex of the tunnel, a significant advantage in the summer months. Apex vents also give an excellent seal when closed. This is to maintain internal temperatures to prevent reduced daytime climate fluctuations and extend the growing season.

AVAILABLE OPTIONS

Option to vent during rain without impact to crops.

Option of 1 or 2 apex vents - depending on how much ventilation required.

Option of adding roller vents on the side to create a chimney effect for air exchange. As hot air rises and leaves through the top vent, it creates a vacuum to draw in fresh, cooler air from outside.

Roller venting on the hoop mitigates the risk of snow damage as vents can be opened to allow snow to fall inside. Vents can be operated by mechanical chain drive or fully automated - with electric vents connected to climate control sensors.







