

Our business is *growing*

Coast to Coast



P R I N S
Greenhouses

Construction • Systems • Supplies



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PRINS - THE COMPANY

At Prins Greenhouses we pride ourselves on building a long-lasting relationship with our customers. In fact, a substantial portion of our business is with repeat customers, both greenhouse expansions and additions to various systems. We'd be happy to provide a comprehensive listing of completed projects on request.

Every customer is different, and no project is the same. We view each job as a fresh challenge but also bring the knowledge gained from our extensive experience. We work closely with our customers and exchange ideas to get a result that is best suited to their needs.

With their roots in the horticultural industry, our engineering staff members are able to combine technology and horticulture into a very workable investment for the greenhouse owner.

One of our strengths is producing turn-key greenhouse environments. We work together with the grower to design and build the best possible greenhouse for your needs.

We carry only the highest quality components and keep essential parts in stock at our warehouses so we are never left short-handed.

WE SUPPLY & INSTALL

- *Internal transportation*
- *Greenhouse automation*
- *Concrete works*
- *Assimilation lighting*
- *Grow lights*
- *Tube rail carts*
- *Monorail carts*
- *Sulphur burners*
- *Grow gutters*
- *Mist systems*
- *Horizontal air fans*
- *Sprayers*
- *Circulation pumps*
- *Mixing valves*
- *Drip irrigation*
- *CO₂ tubing*
- *Complete heating systems*
- *Curtain systems*
- *Miscellaneous supplies*

AN EXCELLENT LONG TERM INVESTMENT



The Venlo design had been engineered and proven to withstand the extreme climates of North America, and insures long-term economical operation. The roof components including the gutters are all aluminium and are available in various peak widths.

The steel structure is hot dip galvanized and comes with an option of added powder coating to the colour of your choice. Lateral trusses can be designed to 20m wide and under gutter trusses are used to accommodate longer post spacing requirements.

Roof and walls can be clad according to your operation needs. Ventilation is available in various options allowing up to 50% ventilation. Aesthetically pleasing, this structure has been designed to meet local building requirements.

Want versatility?

Venlo compliments any greenhouse operation as a production, storage or retail environment.

Features

- Engineered to client and code requirements
- Maximum light transmission
- Numerous ventilation designs available
- Synchronizes with curtain, heating, irrigation and other greenhouse systems

Select Options

- Tempered glass up to 1.67m widths
- Diffuse and treated tempered glass
- 8mm and 16mm panel cladding
- 40mm and 60mm insulated sandwich panels
- Manual or automatic sliding doors
- Double glass

VENLO GREENHOUSES

An aerial photograph looking down a long, straight row of Venlo-style glass greenhouses. The perspective creates a strong sense of depth, with the rows of greenhouses converging towards a distant horizon. The sky is filled with soft, grey clouds. In the background, beyond the greenhouses, there is a flat green landscape, possibly a field or a body of water, and some distant hills or mountains under a hazy sky.

PROVIDING MAXIMUM VENTILATION & CROP PROTECTION



The Max Air - Open Roof greenhouse design is the ideal solution for the growers of bedding plants and nursery stock where hardening is required.

The structure is the same as a Venlo greenhouse but the roof system has been designed to provide full ventilation, but still offers the protection required from the elements when closed.

Hinged at the gutter and sealing along the roof ridge offers an optimum seal.



Features

- *Beauty and open roof function in one greenhouse design*
- *Optimal ventilation*
- *State-of-the-art technology*

Want ventilation?

MAX AIR - OPEN ROOF



This open roof design offers optimal ventilation and light.

BIG & BEAUTIFUL - MAXIMIZE YOUR GROWING SPACE



The Wide Span greenhouse offers a wider structure than the Venlo style greenhouse but is still built to the same strict standards. The roof components including the gutters are all aluminum and are available in various peak widths. Typically research centers, universities, and large garden centers find the wide span structure appealing for their various uses. The steel structure is hot dip galvanized and comes with the option of added powder coating to the colour of your choice.

Features

- *Engineered to client & code requirements*
- *Maximum light transmission*
- *Numerous ventilation designs available*
- *Synchronizes with other greenhouse systems*

Select Options

- *Tempered roof glass*
- *Diffuse Glass*
- *Roll screens on top or below roof cladding for optimum cooling or shading*
- *8mm and 16mm panel cladding*
- *Insulated panels for roof and walls in various thicknesses depending on needs*
- *Double glass on roof or walls*



WIDE SPAN GREENHOUSES



UNSURPASSED FOR VERSATILITY, RELIABILITY & VALUE

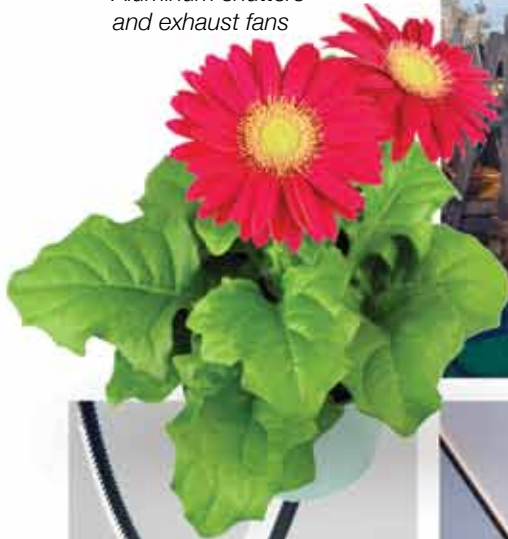
Features

- *Hot dipped galvanized trusses and posts*
- *Inverted trusses at gable ends and 3" centre posts increase strength.*
- *Maximum light transmission due to 1" x 3" arches*
- *Pre-designed for heating and shade systems*
- *Multi vent drive system*
- *Poly & PCSS Cladding*

Ventilation

- *Gutter ventilation*
- *Raised roof vents*
- *Inverted peak vents*
- *Hinged wall vents*
- *Roll up wall vents*
- *Aluminum shutters and exhaust fans*

Recognized for its simplicity of design, this gutter connect poly greenhouse has become an industry favourite unsurpassed for versatility, reliability and cost effectiveness. Built to exacting standards this engineered greenhouse provides years of quality service and its versatility can be used for growing or becoming a retail environment. Designed for quick, easy construction, The Herculon Gutter Connect greenhouse provides an excellent long term investment.



Want strength?

HERCULON GUTTER CONNECT



Continuous arch at calculated radius prevents poly wrinkles.

DESIGNED TO SUIT YOUR INDIVIDUAL NEEDS

Prins Greenhouses is your partner to design and install the most efficient heating systems based on your needs and a growing requirements. Hot water heating systems are an important part of a greenhouse operation and provide the best climate conditions for your crops. The boilers and burners are designed to be controlled by the climate control system to provide an efficient source of heat.

Many greenhouses are now equipped with heat storage systems. The heat storage system is implemented to be able to use the CO₂ during the day and store the heat for use at night. Heat storage systems also make bio-mass systems run more efficiently. Many different options are available and we can develop the most efficient system for you.



HEATING SYSTEMS

A large industrial heating system is installed in a spacious warehouse with a high ceiling and large windows. The system features a prominent red cylindrical tank on the left, a complex network of black pipes and valves in the center, and a large red and black cylindrical unit on the right. The background shows the structural steel beams of the warehouse and the bright light coming from the windows.

Want energy savings?

Heating systems designed so you are never left out in the cold.

PERFECT FOR A WIDE VARIETY OF GREENHOUSE RANGES



Want to increase your bottom line?

Energy savings with Curtain Systems

Prins Greenhouses offers horizontal and vertical curtain systems. These curtain systems provide the needed shade protection in the summer and reduce heat loss during the winter months.

Curtain systems can also assist with keeping the greenhouse cooler, provide blackout periods for your crop and retain light pollution.

Features

- *Made to fit perfectly with your greenhouse*
- *Works with your heating system, making your greenhouse as energy efficient as possible*
- *Roll-up systems for walls*
- *Wide variety of cloth available*
- *Single and multiple systems*

CURTAIN SYSTEMS



LABOUR SAVING SYSTEMS FOR YOUR ENTIRE CROP



Maximize your growing space with stationary, rolling benches or container systems.

Labour saving irrigation systems ensure your entire crop receives water and nutrients when required.

High pressure misting systems can provide a better environment to plants by controlling the humidity levels and lowering temperatures on warm days.

Moving people and product within your greenhouses efficiently saves time and energy. We supply a variety of transport systems ranging from tube rail carts to automated plant container systems.



BENCHES & IRRIGATION



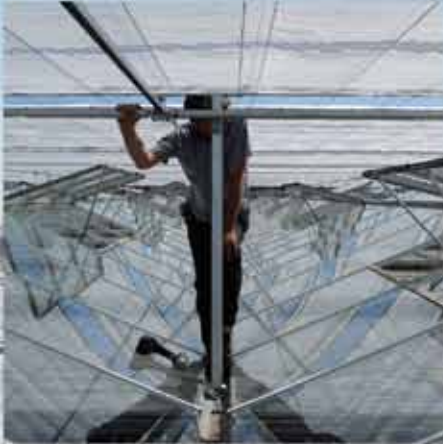
Want efficient equipment?

Maximize your growing space and control your growing environment.



TUBE RAIL

PROJECT MANAGEMENT



We monitor every aspect of your project.



No project too large or too small



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