



***Into the light...***



## Rovero Roll-Air The Ultimate Polythene Greenhouse

The Roll-Air greenhouse was developed by Rovero and is in use all over the world.


The revolutionary feature of this greenhouse is its fully opening roof. In a matter of seconds your crop can be indoors or outdoors, free of the effects of any shade.

The Roll-Air greenhouse is an ideal solution because, in contrast to the standard Venlo cabriolet type greenhouse, it allows the grower to ventilate at all times, even under extreme weather conditions such as strong winds.

The Roll-Air is based on a standard greenhouse construction with special integrated aluminium gutters designed to lock the roof film in place.

The unique Roll-Air motor ensures the film is rolled up smoothly and the built-in coupling limiter shuts the motor down in case of emergencies.

You can also choose between transparent or opaque film.

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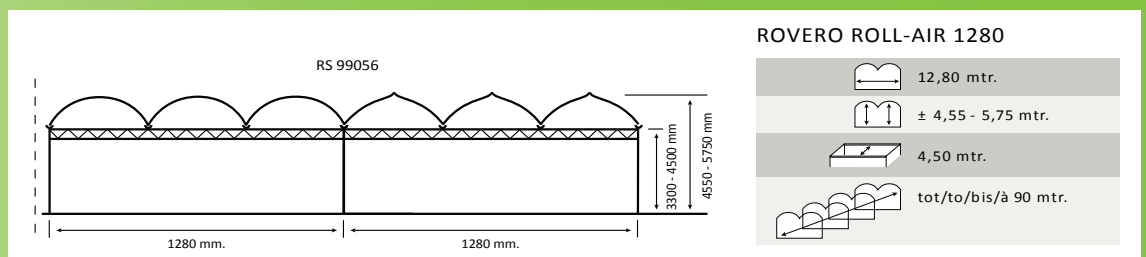
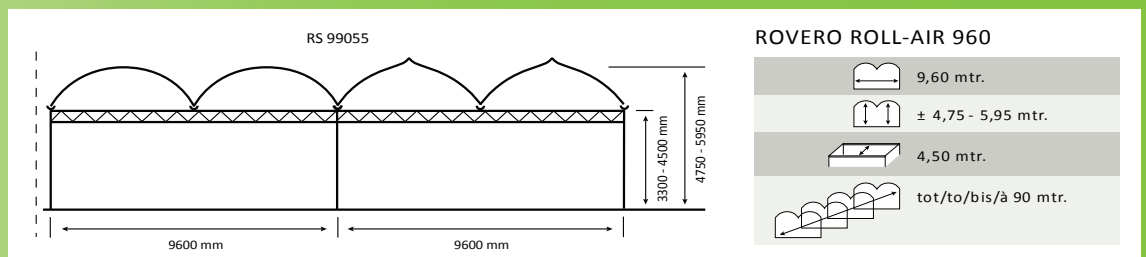
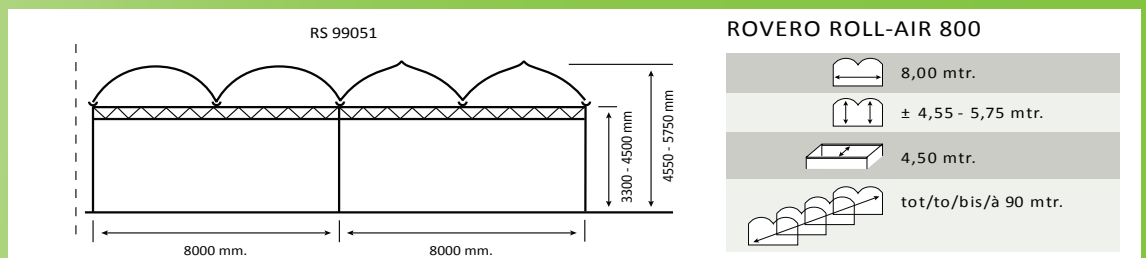
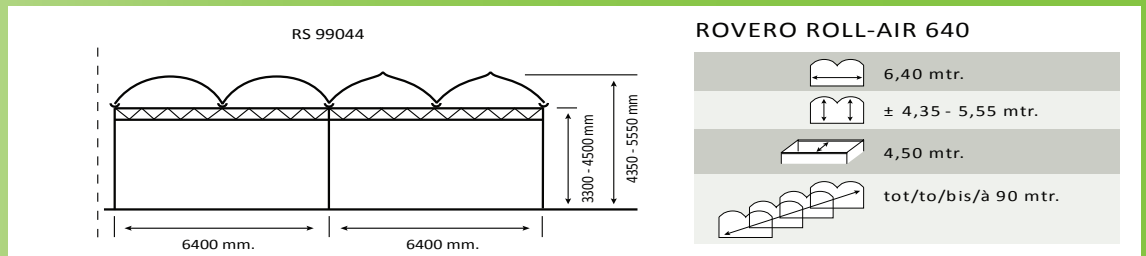


# Rovero Roll-Air The Ultimate Polythene Greenhouse

The Roll-Air greenhouse is perfect for hardening off plants, and is ideal for growing cuttings & plants that need direct sunlight. Garden centres also benefit from a Roll-Air. When the weather is warm the Roll-Air improves customer comfort with its easy to open roof.

The rolling cover of the greenhouse can be entirely opened in no-time. Because the roof film is rolled up compactly towards the ridge, an optimum climate is created within the greenhouse.

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## Rovero Multi Multi-Span Greenhouses

Derived from the Europa greenhouse, the Rovero Multi comes at a competitive price making it ideal for all types of projects.

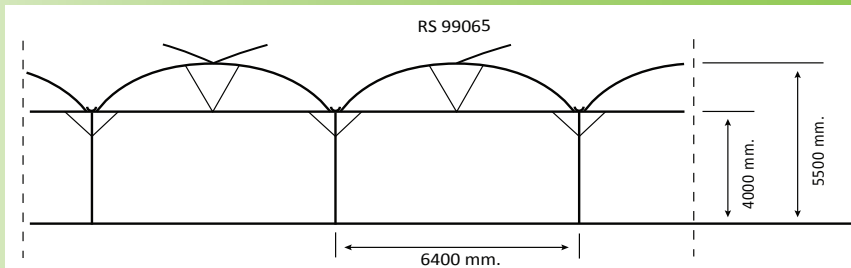
The tubular version (TU) and the trellis version (TR) of the Multi are perfect for a wide range of crops. The trellis version (TR) can withstand heavier loads and is suitable for growing hanging crops such as tomatoes, cucumbers, peppers or strawberries.

Each climate and each crop is different whilst different growers have specific wishes. That is why every type of Multi greenhouse has a wide range of extra options to fine-tune the poly greenhouse to your requirements. Roll-down or Roll-up Side Wall ventilation systems, Topmove Roof ventilation systems, additional cross bracing, or horizontal screening.

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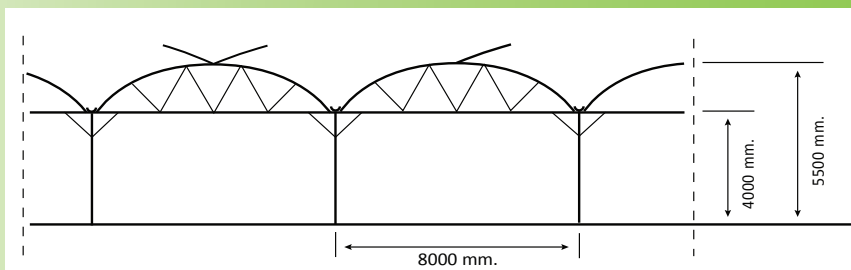


# Rovero Multi Multi-Span Greenhouses



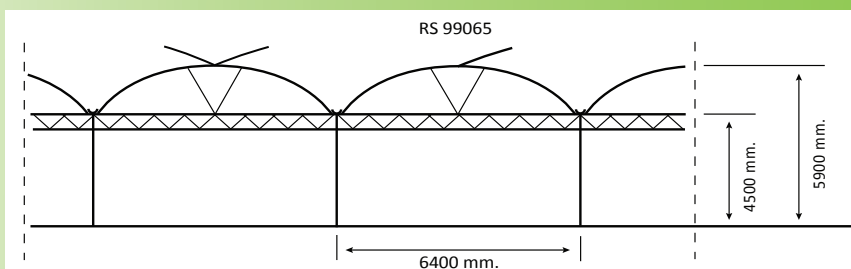
**MULTI ROVERO 640 TU**

	6,40mtr.
	± 5,50 mtr.
	4,00 mtr.
	tot/to/bis/à 100 mtr.



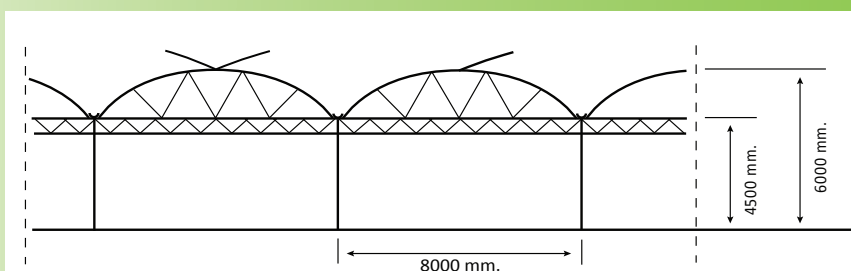
**MULTI ROVERO 800 TU**

	8,00 mtr.
	± 5,50 mtr.
	4,00 mtr.
	tot/to/bis/à 100 mtr.



**MULTI ROVERO 640 TR**

	6,40mtr.
	± 5,90 mtr.
	4,50 mtr.
	tot/to/bis/à 100 mtr.

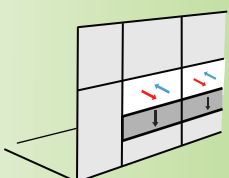


**MULTI ROVERO 800 TR**

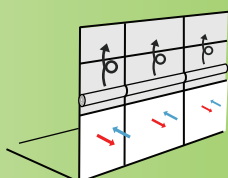
	8,00 mtr.
	± 6,00 mtr.
	4,50 mtr.
	tot/to/bis/à 100 mtr.

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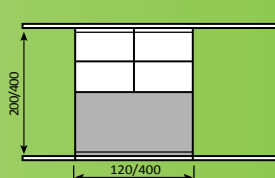
**Weaver 4**



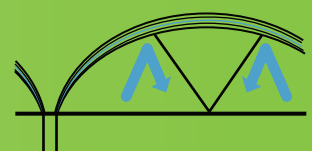
**Weaver 2 twin**



**Alu Jumbodoor**



**Twin-Skinning**





## Rovero Tunnel      Straight & Round Sided

These straight-wall tunnels are available as single span or multi-span structures. Their straight sided design makes them popular with growers all over the world.


The straight walls provide more greenhouse volume: i.e more room for your plants to grow, particularly for tall plants or climbers. In addition, it provides better working conditions for you and your workforce.

These high quality structures are simple in design and quick to build. This simplicity makes them an economical solution for large or small growers.

For an even more economical house, round sided structures are available.

Every type of tunnel has possibilities to add a ventilation system.

Choose from roll-down or roll-up systems, doors, insect netting or top move ridge ventilation systems.

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# Rovero Tunnel Straight & Round Sided

**RS 99007**

**ROVERO 640 S**

	6,40 mtr.
	± 3,40 mtr.
	2,00 mtr.
	tot/to/bis/à 100 mtr.

**RS 99011**

**ROVERO 800 S**

	8,00 mtr.
	± 3,70 mtr.
	2,00 mtr.
	tot/to/bis/à 100 mtr.

**RS 99020**

**ROVERO 960 S**

	9,60 mtr.
	± 3,90 mtr.
	2,00 mtr.
	tot/to/bis/à 100 mtr.

**RS 99300**

**ROVERO 1000 GOTHIC**

	10,00 mtr.
	± 4,90 mtr.
	2,00 mtr.
	tot/to/bis/à 100 mtr.

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**Weaver 4**

**Weaver 2 twin**

**Alu Jumbodoor**

**Twin-Skinning**



## Single Span and Multi Span Growing Tunnels

The Polybuild range of polytunnel greenhouses are strong durable and easy to install as well as attractively priced, providing commercial growers the widest possible choice to achieve the ideal environment for crop production.

### Single Spans

The straight sides provide economic working and growing space right to the sides.

Additional bracing and crop supports are available as options (standard on the 10m house) several types of side ventilation are available (recommended when the polytunnel is over 20m long) and a selection of gable end frames & doors are available to complete the house.

Hoops are spaced between 1.5m and 2.5m apart.

Tunnel Widths:

Domestic: 3.05m 3.7m 4.3m

Commercial: 5.5m 6.4m 7.3m 8m 9m 10m



### Multi Spans

Straight sided multispan polytunnels have vertical steel gutter posts and aluminium valley gutters between spans with a straight side of 1.68m before the curve of the hoop along the sides. Any number of spans can be joined together.

Vertical sided multispan polytunnels have 2.5m + tall vertical steel gutter posts throughout, with aluminium side and valley gutters.

This allows maximum space usage with even greater flexibility with full height ventilation and access.

These structures are available as single or multi span polytunnel units and can easily be extended as your business grows.

Standard hoop spacing is 2.5m.

Span Widths: 6.4m 8m 10m







## Specialist Structures and Bespoke Designs

### Roll-Air Canopy

The unique Roll-Air structure with its fully opening roof is used in garden centres extensively over plant sales areas, providing the outdoor feel for customers on a sunny day. It is also proving popular to cover outdoor seating areas where diners can indulge in alfresco restaurant dining. At the switch of a button the roof can be closed when the weather is inclement making the Roll-Air the ideal solution to maintaining the perfect environment to maximise sales in outside areas. All structures come with flame retardant covers and we supply full structural calculations to comply with building regulations.



### Specialist Structures

One-off structures for unique projects can be designed & supplied. Most commonly used in garden centres we can supply a variety of specialised frames as illustrated, clad with flame retardant reinforced pvc. Alternatively standard structures can be utilised for specialist purposes such as warehouse storage or car valeting.





# Polythene Films

## Solar EVA Greenhouse Films

The Solar EVA range of polythene films are tremendously strong and durable. Proven to perform in the harshest climates around the world they are produced in two thicknesses: 180mu (720g) and 200mu (800g)

Solar EVA is co-extruded in 3 layers giving the film its enormous strength & superior characteristics compared to ordinary greenhouse films. Its elastic structure makes it easy to use & tension on greenhouses and the co-extrusion ensures that it remains tensioned & wrinkle free for years - even on warm days.

Solar EVA films provide exceptionally high light transmission levels in excess of 90%. The smooth anti-static surface ensures clean film for the period of use - a good job since the excellent UV resistance of Solar EVA films means they can outlast ordinary UV films by an average of 2 years. EVA copolymer additives reflect infrared rays back into the greenhouse during the night preventing heat loss through the film. Night temperatures are higher resulting in increased yields, elimination of night frost and reduced heating costs. Anti-condensation additives are incorporated into the inner EVA layer of the film to prevent the build-up of condensation. Instead of drops an even layer of waterfilm is formed, which runs down the film. Less drops = more light. Solar EVA films are available cut to any required length, in widths of 2m 4m 6m 8m 10m 12m 14m.

Solar EVA 5-HD incorporates light diffusion additives which scatter the rays in different directions as they pass through the film. This results in a more uniform distribution of light around the plant more even growth and optimum growing conditions within your greenhouse.

Film	Thickness	Light Transmission	Thermic Anti-Fog	Diffused Light	Guarantee
Solar EVA 4	180micron	90%	Yes	-	4yrs
Solar EVA 5	200micron	90%	Yes	-	5yrs
Solar EVA 5-HD	200micron	92%	Yes	75%	5yrs

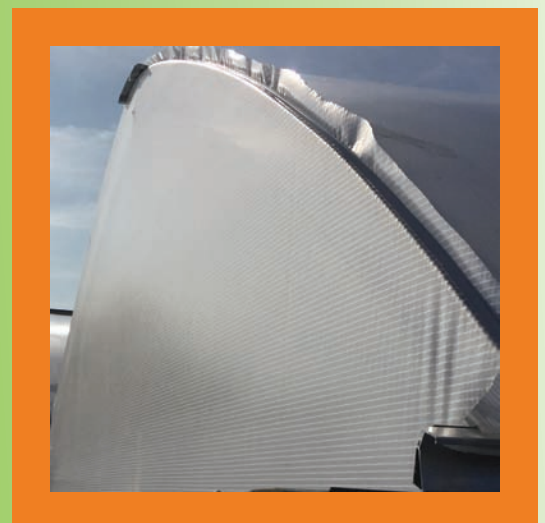
## Flame Retardant PVC



This reinforced PVC sheet is certified flame retardant to BS5438 part2. It consists of 75 deniert weft reinforcing fibres with a PVC layer laminated either side forming a translucent fabric approx 410gm/sqm in weight. FR PVC has a light transmission level of approx 60% and a 4yr guarantee but with an average useable life of 8yrs. Fabricated to any size required from 1.5m wide sheets this fabric is perfect for garden centre canopies.

## Netfilm

This reinforced polythene sheet is available in 2types. Plain Netfilm for growing structures, and B1FR Netfilm for garden centres structures. This material consists of HDPE criss-crossing leno fibres coated both sides with a LDPE layer to form a clear reinforced film with a light transmission of approx 80%. Both films have a 3year guarantee but with an average useable life of between 5 and 12yrs dependent upon application. The B1 film is flame retardant to standard: DIN4102B1. Fabricated to any size required from 2.4m/2.9m wide sheets this fabric is used on the roof of Rovero roll-air structures and as curtain material.





## Site Installation and Construction



SNRG Structures undertakes all kinds of site work throughout the UK, Europe, and the world. All staff are fully certified and we comply to all industry regulations. We are fully insured to take on a project anywhere in the world. Whether it's a new-build turnkey project for a greenhouse or glasshouse, renovation works on an old structure, or maintenance of sophisticated structures we can provide an appropriate professional service. Re-cladding works on polythene greenhouses are a speciality.






## Smiemans Projecten Commercial Glasshouses

Ensure your garden centre/retail outlet stands out from the competition by building a unique glasshouse. Combining different varieties & shapes of structures with a wide range of glass types & other transparent materials, and decorating with coloured insulation panels, roof tiles or wood finishes you can create stylish, unique sales display areas. Smiemans Projecten is an established family company with a long tradition in the field of greenhouses and other glass structures. The unique 'highlight' curved glasshouse concept is particularly suitable for garden centres as well as many other commercial markets.

SNRG Structures represent Smiemans in Ireland, providing a sales team dealing with all new enquiries and servicing on existing structures. Together with SNRG Structures, Smiemans don't just simply design and install glass structures - we offer "total service" projects, handling all aspects of the installation. Advising on issues like building regulations, building permits, and technical installations (computerized climate control, heating, energy saving, use of photovoltaic solar panels etc)



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## Production Glasshouses

SNRG Horti Structures work with several greenhouse manufacturers to supply new and second hand glasshouses to Irish and UK growers. Together with our partners we have many years of experience of building greenhouse projects worldwide, for all types of crops and in all types of climate. From advice and engineering to production and construction, the entire project can be placed in the hands of a single skilled and decisive contractor.



SNRG Structures offers a complete greenhouse building package to the grower, not only with a thorough knowledge of the latest construction technologies but also with the latest insights in cultivation.



**Type of Glasshouse:** Venlo and wide-span glasshouse  
**Lattice girder:** 6.40m / 8.00m / 9.60m / 12.80m  
**Gable Widths:** 3.20m / 4.00m  
**Span Lengths:** 3.00m / 4.00m / 4.50m  
**Ventilation:** Swing and Rail / Rack & Pinion  
**Post heights:** between  $\pm 2.00\text{m}$  and  $\pm 8.00\text{m}$   
**Type of glass:** clear/hortiplus/safety/tempered glass



Peter Dekker Installaties

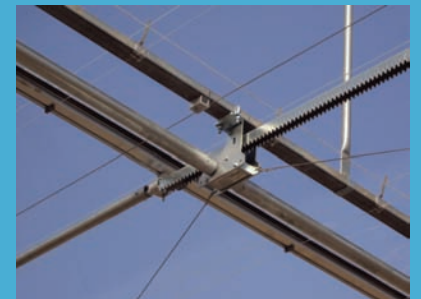
*pure quality*

## Horizontal Screening

Achieving the maximum energy saving is what screening is all about! SNRG Horti Structures work with Peter Dekker Installaties (PDI) to supply high quality screening systems.

Whether horizontal or 'A' shaped installation, every effort is made to maximize energy savings.

Horizontal screening enables the grower to more effectively control the climate inside their growing house. We offer a range of tension wire systems so that each system can be installed in accordance with the structure and the client's own ideas. The screen can be folded to occupy a minimum of space and the latest fabrics are used, so the energy stays exactly where you want it, the indoor climate remains ideal, and light emission is minimal. The screen installation can be integrated into any existing or newly built greenhouses. All the components are manufactured from high quality materials, giving a long serviceable life-span.



## Rolling Roof Screening

In wide span glasshouses screening is fitted in the form of rolling screens above the roof girders. These screens are predominantly installed in retail structures where they perform the usual functional benefits - saving energy during the winter and providing shade on warm sunny days when the structure would normally overheat. Recently garden centres are discovering that rolling roof screens can provide an important decorative function. Working with Peter Dekker Installaties (PDI) SNRG Horti Structures offer a huge variety of different patterned and coloured screens to create an individual atmosphere.

All our staff are fully qualified & trained to ensure a professional installation - essential to provide a long trouble free service.





## *Into the light...*

SNRG Horticulture Structures Ltd  
T: +353 (0)41 9806676

Supply and Installation of High Quality Greenhouses  
W: [www.snrstructures.ie](http://www.snrstructures.ie)

Drogheda, Co Louth, Ireland