



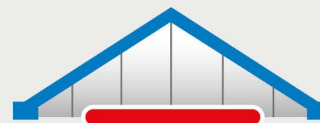
Scan the QR code  
and read more about  
this system



The most...

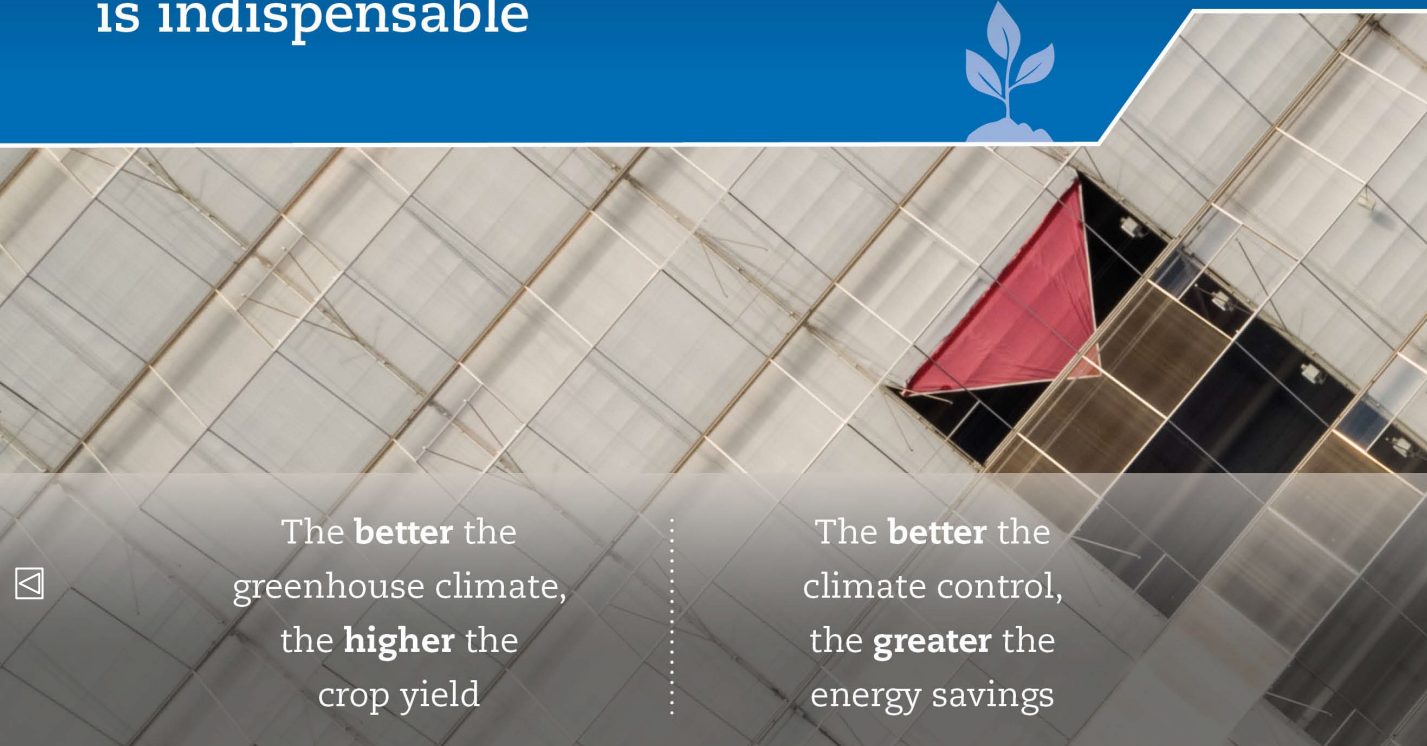
**Versatile** drive system  
for Venlo and Poly greenhouses

# ValkScreenDrive



For good cultivation, a reliable screen system is indispensable

The right drive system for any greenhouse



The better the greenhouse climate, the **higher** the crop yield

The better the climate control, the **greater** the energy savings

Without drive  
no working screen system



Van der Valk Horti Systems is constantly innovating to meet the (future) needs of customers. The **ValkScreenDrive** drive system is therefore fully prepared for the technological challenges of today and tomorrow. The various unique components are fully matched to each other and together form one smoothly operating drive system.

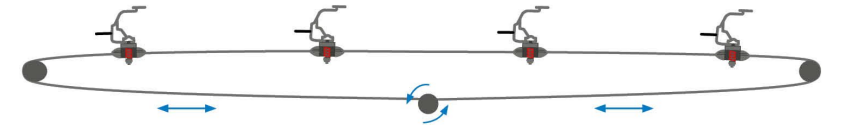
ValkScreenDrive is regarded as the most **versatile drive system** for Venlo and Poly greenhouses.

### Venlo greenhouse

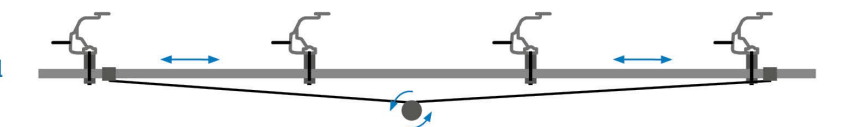
**Type 1**  
Push/pull



**Type 2**  
Pull wire



**Type 3**  
Semi-Push/pull

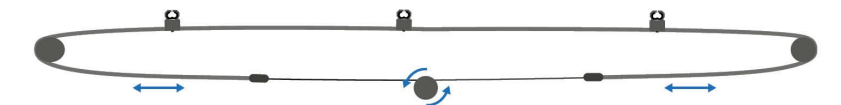


### Poly greenhouse

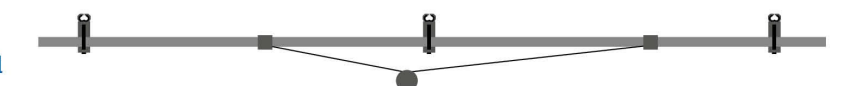
**Type 1**  
Push/pull



**Type 2**  
Pull wire



**Type 3**  
Semi-Push/pull



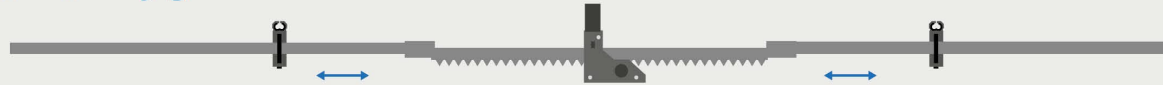
## Push/pull drive system

- ✓ Suitable for any type of greenhouse
- ✓ Racks required (to be purchased externally)
- ✓ No load on greenhouse gables

### Venlo greenhouse



### Poly greenhouse



## How does it work?

Works using a pull/push tube and rack.  
The pull/push tube moves to either side on a rack to open and close the screen cloth.



### ValkDriveTube

The ValkDriveTube pulls and pushes the screen to open and close it.

- ✓galvanised Contiflo tube
- ✓suitable for heavy duty
- ✓standard lengths

Venlo

Poly



### ValkTableClamp

The ValkTableClamp is the ideal connection between the ValkDriveTube and the ValkScreenProfile.

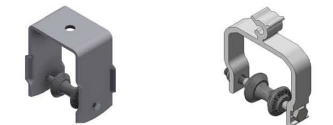
- ✓extra strong connection
- ✓easy installation
- ✓compatible with 27 mm and 32 mm tube



### ValkRollerBracket

The ValkRollerBracket guides the ValkDriveTube.

- ✓easy installation
- ✓patented plastic rollers
- ✓bolt and clamp version



### ValkRollerClamp

The ValkRollerClamp connects the ValkDriveTube to the ValkScreenProfile in case of deviating section sizes.

- ✓replaces the ValkTableClamp in deviating section sizes
- ✓compatible with 27 mm and 32 mm tube



### ValkPolyStrip

With ValkScreenDrive Type 1 and 3, the ValkPolyStrip connects single system components and the ValkRollerBracket drive component.

- ✓multifunctional
- ✓simplifies stock management
- ✓holds the closing thread in its grip



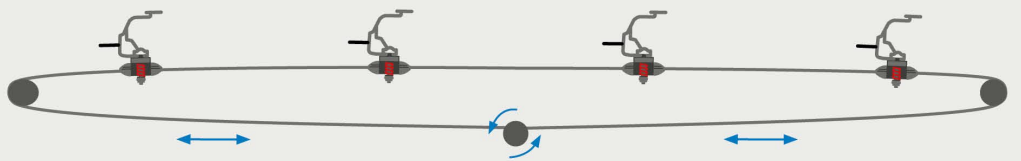
# Type 2 | Pull wire

# Unique components

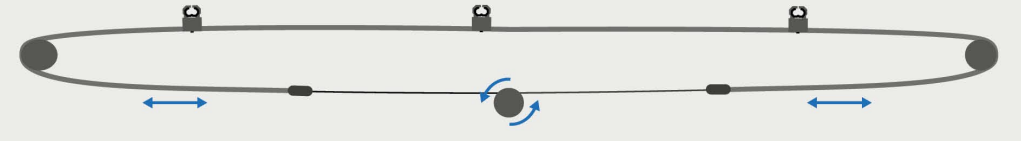
## Pull wire drive system

- ✓ Cost-effective
- ✓ Drives large screen sections
- ✓ Greenhouse must be able to withstand this system's forces

### Venlo greenhouse



### Poly greenhouse



## How does it work?

Works using a stainless steel pull wire (with poly greenhouses stainless steel pull wire with ValkPolyCord). This wire is wound around a steel drive shaft. A special tension bush ensures the wire is tensioned correctly for smooth functioning.

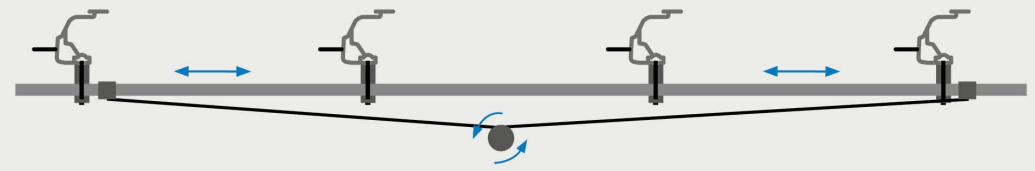


	Venlo	Poly
<p><b>ValkKliMax</b></p> <p>The <b>ValkKliMax</b> ensures perfect closure in all situations, extremely uniform moisture gaps and the smallest possible cloth package.</p> <p>✓ different variants ✓ most powerful of its kind with 3, 6, or 9 kilos resistance</p>		
<p><b>ValkPulley</b></p> <p>The <b>ValkPulley</b> supports the return wire of the pull wire drive, preventing it from sagging and keeping the installation running smoothly.</p> <p>✓ standard fitted with profile clip which always fits (Venlo greenhouses)</p>		
<p><b>ValkReversingWheel</b></p> <p>The <b>ValkReversingWheel</b> ensures that the stainless steel pull wire is guided back at the gable wall and at a section separation.</p> <p>✓ in single, double and mirrored variant ✓ prevents screen cloth wear</p>		
<p><b>ValkDriveShaft</b></p> <p>The <b>ValkDriveShaft</b> is located in the centre of the screen section. The shaft winds and unwinds the steel wire to open and close the screen.</p> <p>✓ available in three versions: x-reduced, o-reduced, smooth ✓ easy to couple</p>		
<p><b>ValkWireTensioner + ValkWireSleeve</b></p> <p>The <b>ValkWireTensioner</b> makes sure the stainless steel pull wires are always tensioned correctly for correct functioning of the ValkKliMax. The <b>ValkWireSleeve</b> ensures the pull wire winds and unwinds neatly.</p> <p>✓ immovable anchorage on and alignment with 2-inch drive shaft</p>		
<p><b>ValkBearingBracket</b></p> <p>The <b>ValkBearingBracket</b> guides the ValkDriveShaft and can be mounted on the greenhouse structure in various ways.</p> <p>✓ version with plastic slide bearing or 8 ball bearings prevents cutting of the drive shaft</p>		
<p><b>ValkPolyCord</b></p> <p>The <b>ValkPolyCord</b> replaces the steel pull wire at the level of the drive shaft and can be wound more tightly.</p> <p>✓ less engine power thanks to thinner driveshaft</p>		
<p><b>ValkPolyClamp</b></p> <p>The <b>ValkPolyClamp</b> connects the ValkScreenProfile VP+ and the pull wire. The unique design ensures strong fixation.</p> <p>✓ light gain through compact design</p>		

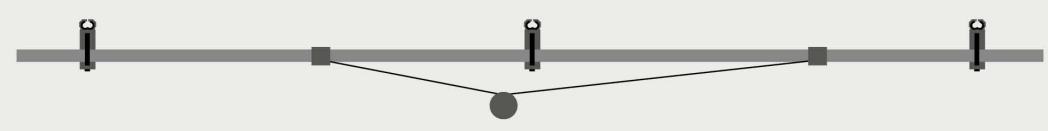
### Semi-Push/pull drive system

- ✓ Cost-effective and compatible with any type of greenhouse
- ✓ Drives larger screen sections
- ✓ No racks required
- ✓ No load on greenhouse gables

#### Venlo greenhouse



#### Poly greenhouse



### How does it work?

Works using the pull/push tube and steel pull wire (Venlo greenhouse) or ValkPolyCord (Poly greenhouse). Combines the benefits of a pull/push system with those of a pull wire system.



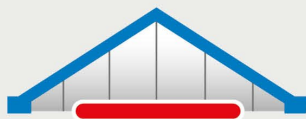
	Venlo	Poly
<b>ValkDriveTube</b> The ValkDriveTube pulls and pushes the screen to open and close it. ✓galvanised Contiflo tube ✓suitable for heavy duty ✓standard lengths		
<b>ValkTableClamp</b> The ValkTableClamp is the ideal connection between the ValkDriveTube and the ValkScreenProfile. ✓extra strong connection ✓easy installation ✓compatible with 27 mm and 32 mm tube		
<b>ValkRollerBracket</b> The ValkRollerBracket guides the ValkDriveTube. ✓easy installation ✓patented plastic rollers ✓bolt and clamp version		
<b>ValkDriveShaft</b> The ValkDriveShaft is located in the centre of the screen section. The shaft winds and unwinds the steel wire to open and close the screen. ✓available in three versions: x-reduced, o-reduced, smooth ✓easy to couple		
<b>ValkWireTensioner + ValkWireSleeve</b> The ValkWireTensioner makes sure the stainless steel pull wires are always tensioned correctly for correct functioning of the ValkKliMax. The ValkWireSleeve ensures the pull wire winds and unwinds neatly. ✓immovable anchorage on and alignment with 2-inch drive shaft		
<b>ValkBearingBracket</b> The ValkBearingBracket guides the ValkDriveShaft and can be mounted on the greenhouse structure in various ways. ✓version with plastic slide bearing or 8 ball bearings prevents cutting of the drive shaft		
<b>ValkRollerClamp</b> The ValkRollerClamp connects the ValkDriveTube to the ValkScreenProfile in case of deviating section sizes. ✓replaces the ValkTableClamp in deviating section sizes ✓compatible with 27 mm and 32 mm tube		
<b>ValkPolyStrip &amp; ValkPolyCord</b> With ValkScreenDrive Type 1 and 3, the ValkPolyStrip connects single system components and the ValkRollerBracket drive component. ✓multifunctional ✓simplifies stock management ✓holds the closing thread in its grip The ValkPolyCord replaces the steel pull wire at the level of the drive shaft and can be wound more tightly. ✓less engine power thanks to thinner driveshaft		

## The unique components

All unique components of ValkScreenDrive are fully matched and prepared for the technological challenges of today and tomorrow!

### System ▶

Component Drive type	ValkScreenVision 2.0 (VSV 2.0) ValkScreenVision 1.0 (VSV 1.0)	ValkClip (VC)	ValkCavityVision 2.0 (VCV 2.0) ValkCavityVision 1.0 (VCV 1.0)	ValkPoly+ (VP+)	ValkGreenTop (VGT)
ValkDriveTube Type 1 + 3					
ValkTableClamp Type 1 + 3					
ValkRollerBracket Type 1 + 3					
ValkRollerClamp Type 1					—
ValkKliMax Type					—
ValkKliMax Extender Type 1 + 2 + 3	—	—		—	—
ValkPulley Type 2					—
ValkReversingWheel Type 2					—
ValkDriveShaft Type 2 + 3					
ValkWireTensioner + ValkWireSleeve Type 2 + 3				—	
ValkBearingBracket Type 2 + 3					
ValkPolyStrip Type 1	—	—	—		—
ValkPolyCord Type 2	—	—	—		—
ValkPolyClamp Type 2	—	—	—		—
ValkWireSleeve Type 3	—	—	—		—



**VAN DER VALK**



We specialise in  
**Screen Systems & Ventilation Mechanisms**  
for horticulture

—  
since 1963



**CO<sub>2</sub> reduction, constant climate, cooling and dehumidification**  
Our products contribute to a better greenhouse climate



- ✓ People-oriented
- ✓ Innovative
- ✓ Sustainable
- ✓ Entrepreneurial

Working together on innovative solutions for a sustainable world

Scan to consult  
Valk Horti  
experts



Zwartendijk 73  
2681 LP Monster  
[www.valkhortisystems.com](http://www.valkhortisystems.com)  
[info@valkhortisystems.com](mailto:info@valkhortisystems.com)  
+31 174 - 21 22 23

