

RIDDER PUSH/PULL SYSTEM

Push/pull system for screens

The push/pull screen system is used in virtually every type of greenhouse. Ridder products typically used for this horizontal screen system are the TUS25 pinion transmission unit, the rack plate and the RW motor gearbox. The TUS25 pinion transmission unit is driven by the motor gearbox.

The principle

The screen fabric is pulled from bay to bay by means of the rack plate, which is attached to the screen frame. Here too, the type of motor gearbox used depends on the area of screen fabric, and the weight of the screen.

The push/pull system is also used in some cases for sidewall/endwall screening. In such cases, the screen fabric is usually drawn downwards against the greenhouse walls. The TUS25 pinion transmission unit is then mounted perpendicularly, and equipped with an extra guide block on the rack plate to help keep it in place.



