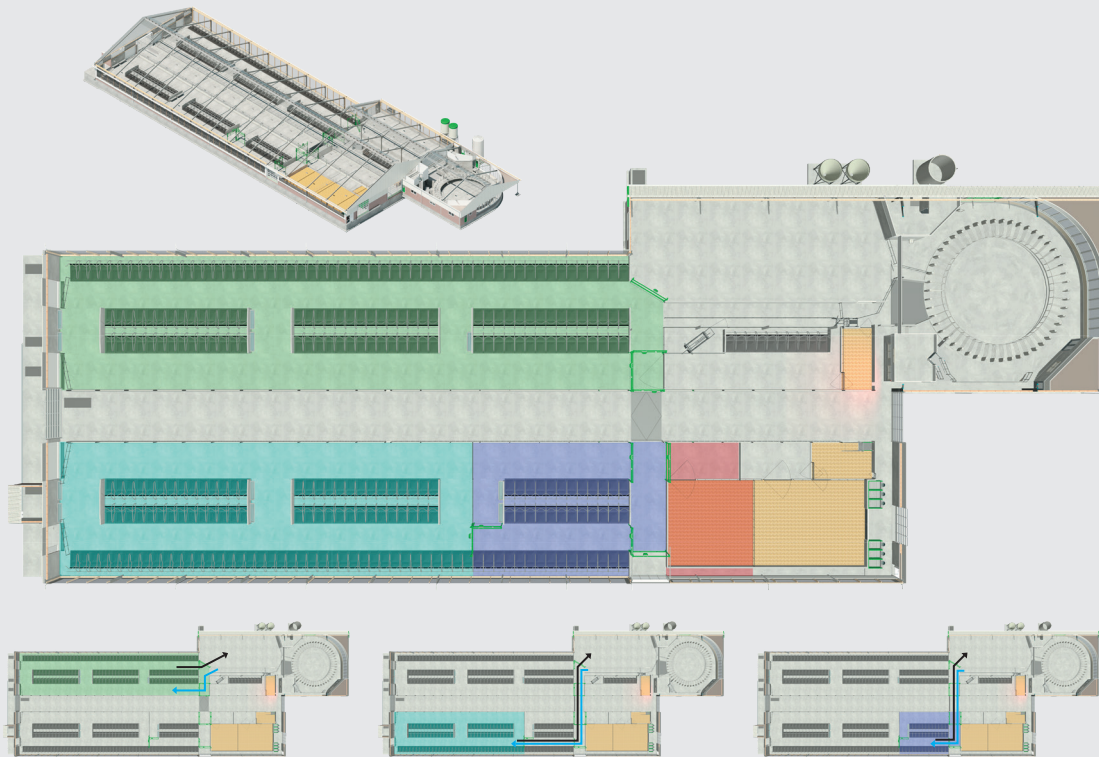
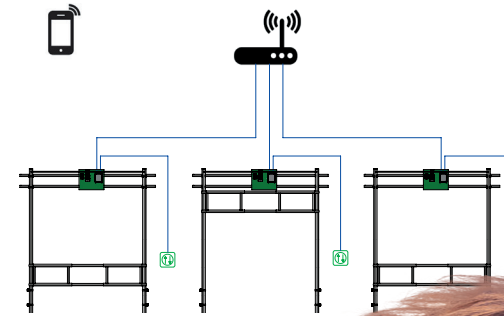


spinder
DAIRY HOUSING CONCEPTS

Autolift



INNOVATION
AWARD
EuroTier
SILVER MEDAL



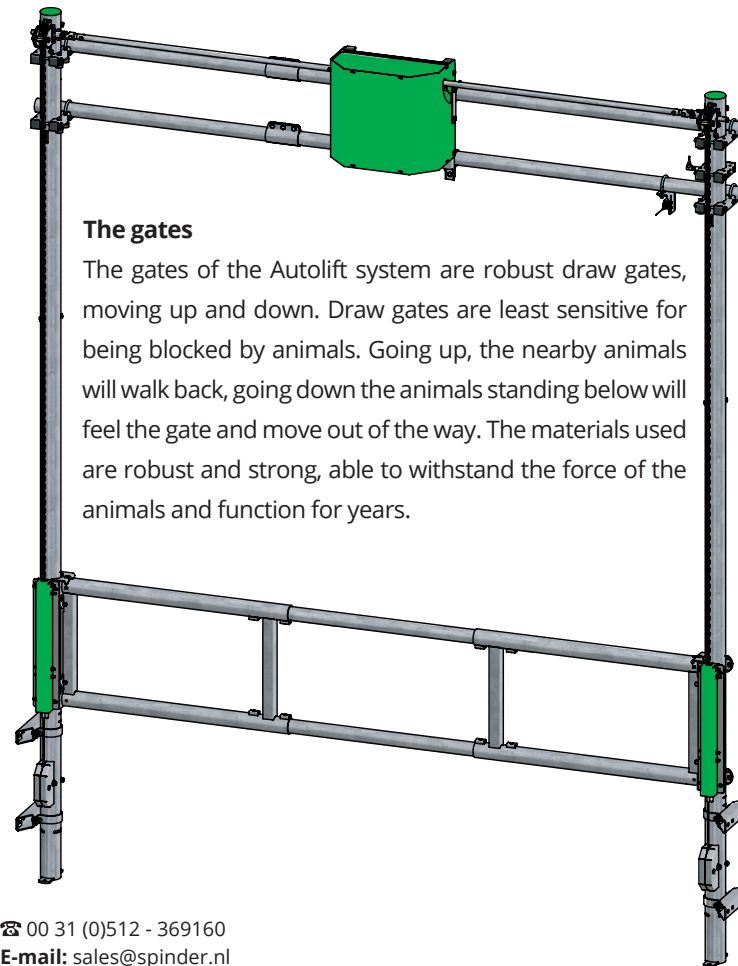
Many of the processes in dairy husbandry have already been automated. This is however not the case for cow traffic management. The dairyman still walks up to the gates to open and close them. Autolift will position several cow traffic gates automatically, setting the desired route for the planned group of animals. Controlled with an App that knows all cow traffic configurations on your farm.

Innovation!

Automatic gates, working individually, already exist. Autolift adds cow traffic configurations, controlling all relevant gates as part of a cow traffic system.

To begin the Autolift App is programmed with all the desired cow traffic configurations; open or closed position for all relevant gates. When in use the operator selects a configuration in the App on his smartphone. All relevant gates will take the required position and cow traffic is set in motion. If the operator selects a different configuration the gates will automatically facilitate another cow route.

Convenient, labour saving and increasing the capacity of the dairyman; physical strain by moving gates is replaced by pushing a button on a smartphone. Cow traffic is being promoted from a pure operational task to simple and easy management.



The gates

The gates of the Autolift system are robust draw gates, moving up and down. Draw gates are least sensitive for being blocked by animals. Going up, the nearby animals will walk back, going down the animals standing below will feel the gate and move out of the way. The materials used are robust and strong, able to withstand the force of the animals and function for years.

In the open position the gate can be positioned relatively high, facilitating a tractor to pass beneath. The remote control function of the App keeps the driver in his seat. Moving the gate back down might be difficult manually due to the relative height, but is easy and comfortably solved by the remote control.

Where to use?

The larger the farm, the more significant and time consuming the walking distances are. They might even create idle time for sophisticated milking equipment and cost money. The Autolift adds productivity! The Autolift also adds work pleasure by reducing the physical strain, and with that deserves a role in all farms, large or small.

Safety and error handling

Each gate has a set of buttons to overrule the system and initiate local action. Motors can easily be disconnected and gates can be moved manually. The traction of the motors is limited to a safe setting.