

# HydroElite fl<sup>2</sup> VICI

Regenerative power during downward travel  
– reused during upward travel

HydroElite H2 VICI offers energy regeneration during down travel, which is then used during up travel. With HydroElite H2 VICI, you save energy and reduce your environmental impact, while retaining all the other benefits of a HydroElite system.

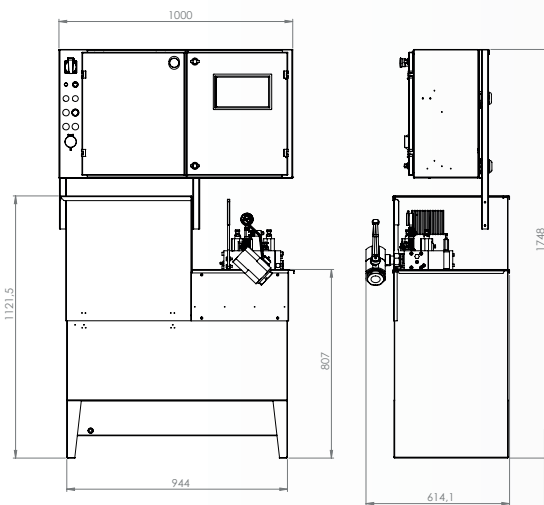
## UP TO 90% ENERGY SAVINGS

- No by-pass of oil
- Regeneration
- No need for oil cooler

### For a sustainable future

- Up to 60 % energy savings compared to VENI
- Up to 40 % energy savings compared to VIDI
- Constant operation without the need for an oil cooler
- 50% reduced environmental impact through modernisation

### Standard measurements | VICI 240L



HydroElite fl<sup>2</sup> - Regenerative power during downward travel – reused during upward travel



**Regeneration**  
Energy reused  
during upward travel



**Superior installation**  
Reduced  
installation time



**10" touch display**  
Simple navigation  
and clear overview



**No oil cooler**  
Never the need  
for an oil cooler



**HydroCloud connection**  
Remote monitoring,  
access and updates

# One of a kind

## New and unique features of HydroElite <sup>ff<sup>2</sup></sup> VICI

### VICI

#### Features

- Energy regeneration
- Direct approach to floor
- Increased travel capacity
- Pre-tested in testing facility

#### Technology

- No need for servo valve
- Eliminating the need for an oil cooler
- Self learning & self adjusting
- Air cooled motor with inverter

#### Inverter drive with super caps

VICI is powered by an inverter drive for lifts, combined with super caps that store energy generated during down travel for reuse during up travel. VICI slightly reduces the upwards travel speed, when there are higher loads in the cabin, to reduce the power demand.

Thanks to direct motor drive and energy recovery, energy consumption is reduced in both upward and downward travel. As a result, VICI consumes only about 60% of the energy compared to VENI and approximately 40% compared to VID1. The energy recovery system also prevents the oil from heating up - oil coolers are no longer needed!

#### New simplified valve block

The innovative valve system includes a valve for UCM/A3 function as standard. Pressure sensors on both cylinder and pump side secure a smooth start without any jerk.

#### PSU <sup>ff<sup>2</sup></sup> DILIGENS

A safe absolute positioning system with UCM and overspeed tripping functions. Activates electrical safety gears and replaces all safety-relevant limit switches and floor sensors.

- SIL3 compliant and certified according to EN81-20/50 PESSRAL
- Certified for low top and low pit
- Replaces mechanical props for low pit/top in combination with electrical safety gears

#### 10" touch display and accessibility

The control unit is fitted with a 10-inch high resolution touch display. Among other features, the user will be able to find documentation, schematics, historical data and error logs directly in the display. Furthermore, there are instruction movies and language options available. The lift controller is accessible from any smart device and enables the user to connect to the controller from anywhere in the lift shaft.

#### Surveillance, access and updates with cloud connection

All units come with HydroCloud readiness. Thanks to the HydroCloud connection, the unit can be accessed from anywhere. The unit can be updated remotely, and documentation will always be up to date. The system is open and can be adapted to work with other monitoring systems on the market.

