

# HydroElite fl<sup>2</sup>

## VENI & VIDİ



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



**CANopen Lift**  
Flexibility and  
less cables



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



**Superior installation**  
Reduced  
installation time



**Sustainable lift**  
Saving energy - direct  
approach & no by-pass



HydroElite fl<sup>2</sup> - including our completely new controller

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|---|--|---|
| <p> <b>Installation - fast and simple</b></p> <ul style="list-style-type: none"> <li>• CANopen Lift technology</li> <li>• No floor zone sensors needed</li> <li>• No limit switches needed (1:1)</li> <li>• Less cables and hardware</li> <li>• Innovative pit box</li> <li>• Simple commissioning</li> <li>• SIL3 certified</li> <li>• Position Supervisor Unit</li> </ul> | <p> <b>10" touch display</b></p> <ul style="list-style-type: none"> <li>• Easy to navigate</li> <li>• Language options</li> <li>• Instruction movies in display</li> <li>• Training sessions simplified</li> <li>• Integrated diagnostic tool</li> <li>• Real time and historical data</li> <li>• Safety circuit overview</li> <li>• Full accountability</li> </ul> | <p> <b>Stay connected - HydroCloud*</b></p> <ul style="list-style-type: none"> <li>• HydroCloud connection</li> <li>• Always updated documentation</li> <li>• Remote software updates</li> <li>• Remote monitoring</li> <li>• Access from anywhere</li> <li>• Live internal drawings</li> <li>• Better planning of maintenance</li> <li>• Constantly evolving IoT</li> </ul> |
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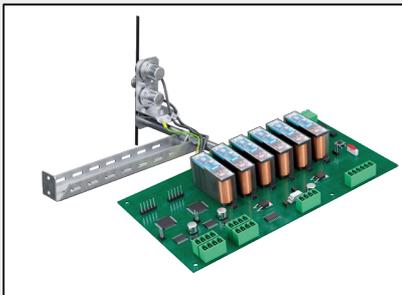
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|---|---|---|
| <p> <b>Technology</b></p> <ul style="list-style-type: none"> <li>• Patented servo valve</li> <li>• No bypass of oil</li> <li>• Self learning &amp; self adjusting</li> <li>• Air cooled motor with inverter - VIDİ</li> <li>• Submerged motor &amp; softstarter - VENİ</li> </ul> | <p> <b>Features</b></p> <ul style="list-style-type: none"> <li>• Direct approach to floor</li> <li>• Shorter travel time</li> <li>• Increased travel capacity</li> <li>• Pre-tested in testing facility</li> </ul> | <p> <b>Energy</b></p> <ul style="list-style-type: none"> <li>• Up to 70 % energy savings**</li> <li>• Up to 70 % lower power demand**</li> <li>• Reduce environmental impact by 50% through modernisation</li> </ul> |
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\* All HydroCloud features are optional and require a subscription to IoT services from Hydroware.

\*\* Based on HydroElite VIDİ compared to other conventional systems. VENİ can give up to 50 % lower energy consumption and up to 40 % lower power demand compared to conventional systems.

# What sets the fl<sup>2</sup> apart



## PSU fl<sup>2</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.



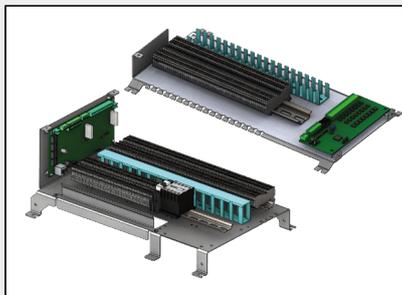
## 10-inch touch display and accessibility

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.



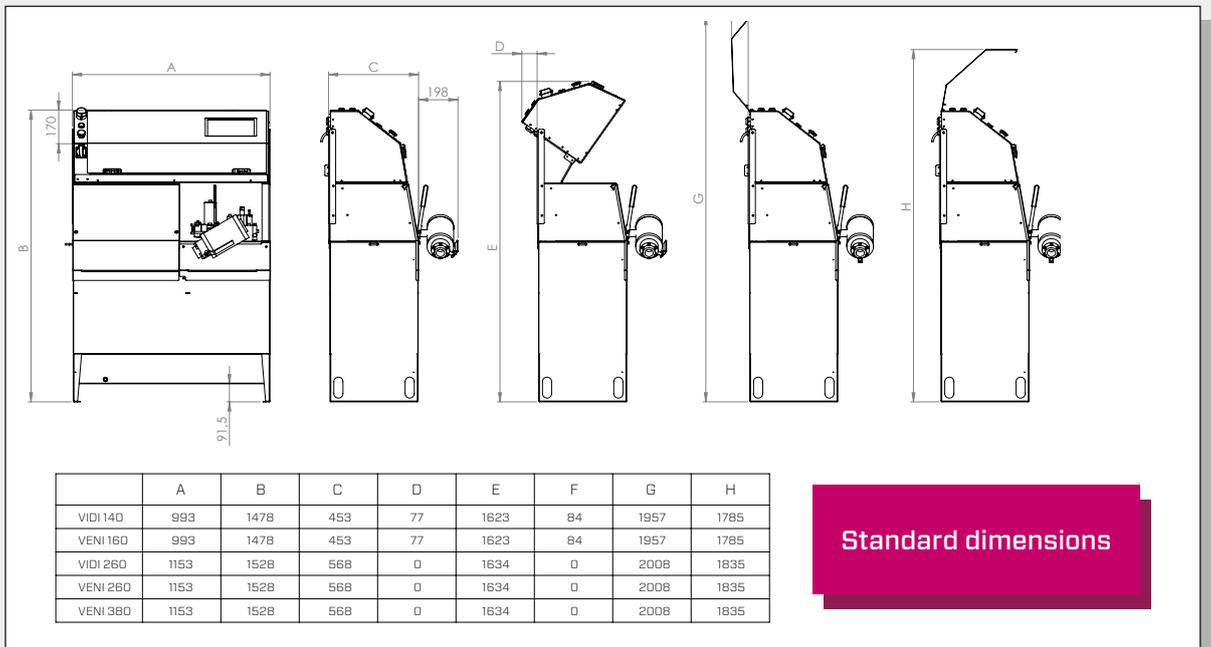
## Surveillance, access and updates with cloud connection

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 systems on the market.



## Pit and car node

Our new innovative pit node is installed in the shaft pit and is designed to cut down the amount of wires that run from the lift shaft to the motor room. Similarly, the updated car node is smaller and better prepared for a quick and neat installation. Due to even more wires being pre-wired with plugs, the on-site wiring is very fast and basically Plug and Play.



**Standard dimensions**