

## Dendro Lift DSS2 AquaShield

### The Ultimate Hygienic Lifting Solution for Stackers and Pallet Trucks

*Dendro Lift DSS2 AquaShield, a state-of-the-art lifting device engineered to meet the rigorous hygiene standards of industries such as food processing, pharmaceuticals, and cleanroom environments. With its galvanized construction and IP69K-rated electrical components, the DSS2 AquaShield ensures both durability and ease of sanitation, making it the ideal choice for operations where cleanliness is paramount.*

#### Hygienic Design and Easy Cleaning

- **Galvanized Surface:** The DSS2 AquaShield features a fully galvanized surface that resists corrosion and withstands intensive cleaning procedures, including high-pressure washing with hot water.
- **IP69K Electrical Cabinet:** Equipped with an IP69K-rated electrical cabinet, the lift is protected against high-temperature and high-pressure water ingress, ensuring reliable performance even in the most demanding sanitary conditions.



#### Areas of use

- Industries such as food processing, pharmaceuticals, and cleanroom environments.
- Forklift workshops
- Logistics Centers & Warehouses

#### Complementary products

- Lifting jacks for forklifts Customized lifting solutions



#### Operational Reliability and Quality

- **Robust Construction:** The DSS2 AquaShield's galvanized build provides exceptional durability and resistance to corrosion, ensuring a long service life even in environments with frequent exposure to moisture and cleaning agents.
- **Certified Components:** The IP69K certification of the electrical cabinet guarantees uninterrupted operation in harsh conditions, reducing the risk of downtime due to equipment failure.

#### Efficiency and Adaptation to Hygienic Industries

- **Ideal for Hygiene-Critical Operations:** Designed specifically for industries where product safety and cleanliness are crucial, such as food production, breweries, dairies, and pharmaceutical manufacturing.
- **Quick and Effective Cleaning:** The lift's design allows for rapid sanitation between shifts, minimizing downtime and enhancing productivity.

## Ergonomic and Safe Operation

- **Adjustable Working Height:** With a simple push of a button, the DSS2 AquaShield can be raised to the optimal working height, providing a comfortable and ergonomic position for technicians.
- **Unobstructed Access:** Three open sides offer unrestricted access to essential components like engines, batteries, brakes, and wheel suspensions, streamlining maintenance tasks.
- **Safety Features:** Equipped with self-locking, non-reversing trapezoidal lifting spindles with safety nuts, enclosed gearboxes with brake motors to prevent unintentional lowering, easily accessible emergency stops, and safety limit switches for nut wear and obstacle detection.

## Easy Installation and Mobility

- **No Permanent Installation Required:** The DSS2 AquaShield stands freely on the floor and requires only a 16A three-phase outlet, making it easy to set up without the need for permanent fixtures.
- **Portability:** Designed for mobility, the lift can be easily relocated to different workstations using the Mover 2 or a counterbalance forklift, providing flexibility in dynamic work environments.
- **CE certified** in accordance with the SS-EN 1493:2022 standard for vehicle lifters.

## Sustainability and Economy

- **Low Maintenance Costs:** The use of high-quality, galvanized materials and components results in reduced maintenance expenses over time.
- **Compliance with Safety Standards:** Engineered to meet the strictest hygiene and safety requirements, the DSS2 AquaShield aids in regulatory compliance, helping to avoid fines or production stoppages due to sanitation issues.

## About Dendro Lift AB

With over 50 years of experience in mobile lifting jacks and fixed four-post lifts for truck service, Dendro Lift has developed solutions that meet a wide range of needs. We offer both standardized solutions and the ability to customize special adaptations to ensure efficiency, ergonomics, and safety in your operations. Elevate your stacker maintenance operations with the DSS2 AquaShield — where hygiene meets performance.

## Technical Data

|                    |   |
|--------------------|---|
| Lifting capacity   | Standard: 2 500 kg  |
| Max lifting height | L =1 800 mm   |
| Total height       | H =2 908 mm   |
| Dimension          | 1 221 x 1 600 mm  |
| Weight             | 720 kg  |
| Raise/lower speed  | 1.8 m/min   |
| Effect             | 2,6 kW, 3 x 400 V   |
| Drive              | Worm gear with break motor  |
| Lifting screw      | Trapezoidal threaded spindle with safety nut protected by a rubber bellow |
| Safety             | Self-locking, break motor & emergency break                               |

