

# » ESSENTIALS FOR SAFE AND EFFICIENT DATA CENTRES

Smart solutions for advanced security, protection and performance



LIFT LOADS EASILY



SECURE CONNECTIONS



DETECT LEAKS



# ⊕ 1. Data Centre Essential: **Lifting heavy Loads easily**

## Transporting and installing heavy IT-equipment to any height within the rack

Installing heavy IT-equipment in the upper levels of racks is not only physically taxing, but it also poses major risks to the well-being of IT-personnel, as well as potential damage to the hardware. DataLift products provide a solution to this problem. They are capable of lifting and transporting equipment weighing up to 500kg to a maximum height of 2.4 metres with pinpoint accuracy. The DataLift models comply with all relevant protection regulations and safety standards and feature an emergency stop button.



### **DATALIFT CAPACITIES:**

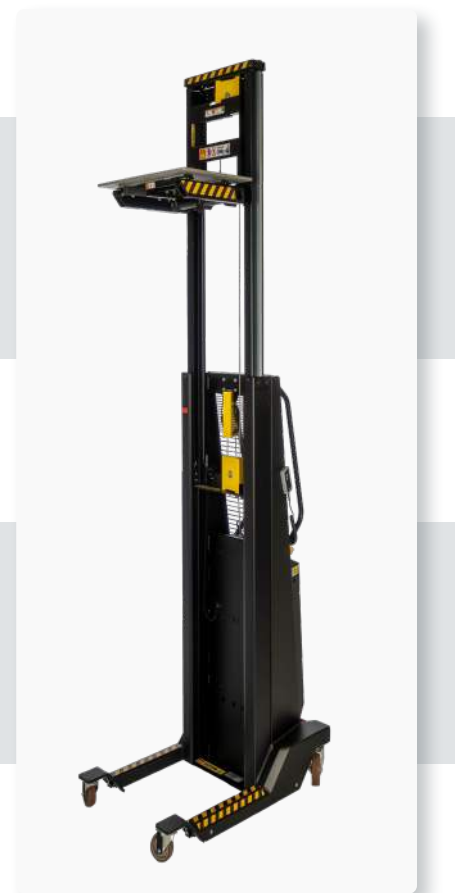
- » Battery operated DataLift (E MAX, E PRO, F PRO)
- » Maximum load capacity: up to 500kg (E MAX), 250kg (E PRO), 200kg (F PRO)
- » Manual M Lifter (max. load 175kg) with hand crank
- » Plattform extends up to 2,4 m (E MAX, E PRO, F PRO) or 2,3 m (M)

### **DATALIFT HIGHLIGHTS:**

- » Prevents the risk of injury and IT equipment damage
- » Meets all Health and Safety lifting regulations
- » Remote control to see load from both sides of platform
- » Allows a single operator to perform moves and installations
- » Manual winch or 24V winch motor for easy handling

### **SAFETY FEATURES & COMPLIANCE:**

- » Insulated safety stop for overhead obstacles
- » Emergency stop button on control panel
- » Large brake bar for easy use with PPE equipment
- » Oil-free gearbox prevents leaks
- » CE, EN ISO 3691-5:2020-11, EN12100, EN ISO 13849-1



## ⊕ 2. Data Centre Essential: **Secure Power Cables**

### Integrated locking mechanism protects power cables from loose connections

The zLock IEC DUAL locking power cable has an integrated locking mechanism on both ends. It effortlessly replaces the existing power cables preventing future accidental disconnects, eliminating the associated downtime and possible resulting damage to connected IT equipment. The locking mechanism does not require a vendor specific mating plug or receptacle. The zLock power cables are also available as versions with single sided locking mechanism.

#### **ZLOCK DUAL LOCKING POWER CABLES HIGHLIGHTS:**

- » Unique power cable that locks both ends
- » Simply replaces existing power cables
- » Locks automatically (C13) and via twist lock (C14)
- » Available C13 to C14, C15 to C14, C19 to C20
- » Choice of different colours and lengths



## ⊕ 3. Data Centre Essential: **Leak Detection and Monitoring**

### Monitoring of mission critical areas prevents water leaks and damage

If liquids get into the sensitive areas of a data centre the result could cause system disruptions, unscheduled downtime or serious structural damage to the entire data centre infrastructure. Liquids are one of the primary causes of equipment and device failure, leading to costly corrective actions. Before a small leak can grow into a mission critical threat the water source must be located immediately in order to prevent any potential damage. This task is performed best by the SeaHawk leak detection system. It communicates and alerts via SNMP, Modbus, BACnet or N2. Model dependent, the solution can be integrated into a BMS or DCIM application.

#### **LEAK DETECTION SOLUTION HIGHLIGHTS:**

- » Reliable detection of water leaks or other liquids
- » Alerts via SNMP or Email
- » Spot detectors for monitoring confined zones
- » Sensor cable for detecting leaks in risk areas
- » Communication via SNMP, Modbus, BACnet or N2



In addition the following best practice solutions are offered by Daxten:



**POWER DISTRIBUTION**



**COOLING OPTIMISATION**



**DC MONITORING**



**LEAK DETECTION**

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MISSION CRITICAL POWER



COOLING OPTIMISATION



DC INFRASTRUCTURE



DC MONITORING



LEAK DETECTION