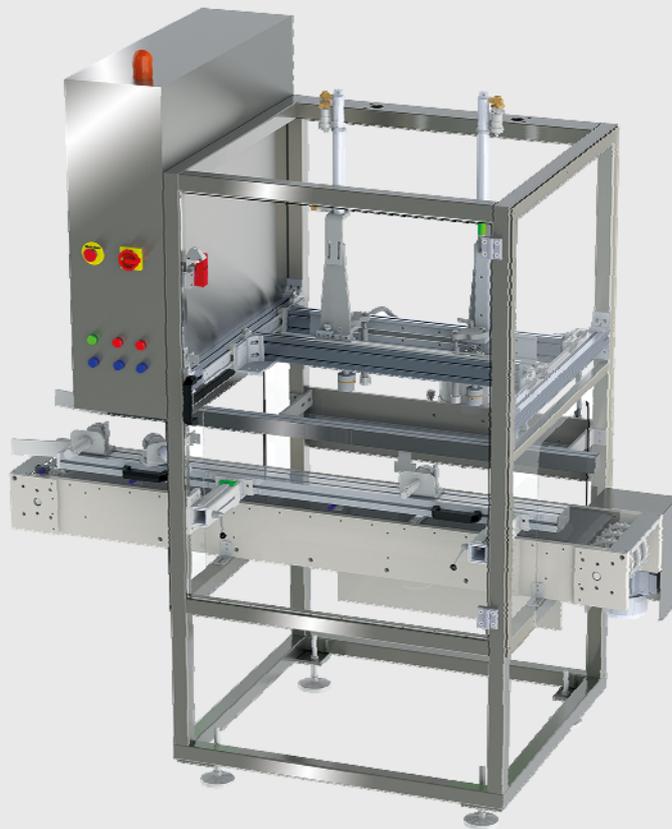


# ECO POST GREASING MACHINE

Technology  
[made in Germany]

Automatic post greasing of automotive car and truck batteries with automated process and semiautomated handling, incl. CMWTEC technology



## **The Advantage:**

- Automatic greasing process
- Adjustment by toggle bolt
- Greasing tool for DIN and JIS type terminals
- Adaptable to brushing machine as combination unit

### **Basic machine**

The basic machine accommodates the individual components and contains the pneumatic and electric control system of the machine. The basic structure accommodates the operating console which is horizontally adjustable. The latter serves to accommodate the testing station, the different heights of the batteries are adjusted via the vertical cylinder movement.

### **Greasing unit**

The greasing unit accommodates the lifting stroke with a corresponding greasing tool. For greasing the tool is moved onto the terminals of the battery and while greasing a smooth contact between terminal and tool is guaranteed.

### **Greasing tool**

The greasing tool with its form of the plus or minus terminal, guarantees a smooth fine layer of grease onto the individual terminal

### **Battery positioning unit**

For greasing, the batteries are exactly positioned under the greasing unit. This performed by a system, which always guarantees an exact centre-positioning and does not require any change of positioning in machine direction.

### **Lateral guide unit**

The lateral guide including the battery separation and the exit monitoring device is designed for laterally adjusting the battery below the working station. A clamping mechanism ensures the adjustment to be executed exactly and fast.

### **Battery conveyor unit**

A flat top chain in a PP body transports the batteries through the machine and, at the same time, ensures them to be adjusted smoothly and exactly at the greasing position.

### **Description of function**

The machine is designed to be used for greasing the post of DIN and JIS type batteries after the formation in the finishing area. The individual batteries supplied through the conveyor of the greasing machine are positioned exactly. The greasing stroke is lowered onto the battery terminals. By especially designed greasing tool the terminal of the batteries will be lubricated. Therefore, the unit is provided with two greasing units for each terminal, positive and negative.

### **Technical specifications**

Battery type	:	automotive car and truck batteries
Capacity	:	up to 8 batteries/min (depending battery size)
Weight of batteries	:	20 – 70 kg
Dimension of machine	:	L = 2000 mm W = 1400 mm H = 2200 mm
Construction	:	Stainless steel 304, with aluminum profiles
Electric	:	230/400V, 3-Phase, 50/60 Hz, 4 Wire
Control voltage	:	24 DC
Power consumption	:	3,5 kW
Operating pressure	:	6 bar (90 psi)