

AUTOMATIC BATTERY LABELLING MACHINE

Technology
[made in Germany]

Automatic final labelling of automotive car and truck batteries with best and high technology



The Advantage:

- Bypass labelling with continuous process
- Multiple individual positions selectable
- Each unit can be activate/deactivate
- Available with stamp Application
- Adjustment of the label length possible
- Automatic label process
- Short change-over time

Basic machine

The basic machine consists of a stainless/steel base frame carrying the individual assemblies. The size of the machine is depending the numbers of labeling units. The height and the width of the batteries are adjusted by spindles.

Labelling unit

Different types of labelling processes are selectable

Lateral guide unit

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

Battery conveyor unit

A flat top chain transports the batteries through the machine and, at the same time, ensures them to be adjusted smoothly and exactly at the labelling position.

Description of function

The machine is designed to label batteries on top or on side of batteries with labels from a carrier material wound up on a roll. Depending on type of dispenser unit the labels can be printed by an integrated printing system.

Labelling unit

Standard unit	Type D	Bypass labelling, which means the labels are peeled off on passing the battery. On a Wipe-On system the labels are dispensed from the backing strip and applied precisely to the battery and packs by means of a high-quality stepping motor.
	(Option)Type S	Index labelling, which means the labels are peeled off on stopping the battery underneath the labelling unit. On a Stamp-On system the labels are <u>dispensed from the backing strip to a pneumatic stamp</u> , which placed the labelling exactly positioned to the battery.
	(Option)Type P	Both types of labelling unit can be equipped with a label printer, which offers the possibility to print the labels automatically.

Technical specifications

Battery type	:	automotive car and truck batteries
Capacity	:	up to 12 batteries/min (depending on battery size)
Weight of batteries	:	20 – 70 kg
Dimension of machine	:	L = 2500 mm W = 1220 mm H = 1680 mm
Construction	:	Stainless steel 304, with aluminum profiles
Electric	:	230/400V, 3-Phase, 50/60 Hz, 4 Wire
Control voltage	:	24 DC
Power consumption	:	3,0 kW
Operating pressure	:	6 bar (90 psi)