

# AUTOMATIC BATTERY DUMPING MACHINE

Technology  
[made in Germany]

Complete dumping of car and truck batteries with 180° rotation unit



## The Advantage:

- 180° rotation unit
- Selectable dumping volume with PLC controlled rotation
- Clean dumping process, no acid contaminated area
- Separation infeed unit
- Dumping and shaking possible to select
- Short change over time
- 100% acid resistance

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**Basic machine**

The purpose of the basic machine is to accommodate the various mechanical assemblies as well as the pneumatic and electrical systems. In addition an acid vessel is built into the base frame in order to collect the acid dumped of the batteries.

**Dumping unit**

The dumping unit consists a battery holding devices arranged in one row configuration. The unit can rotate the battery 180° in order to turn the battery head-down and to pour out the contents. Depending on the size of the battery, each battery holding device can accommodate a certain number of batteries.

**Infeed and outfeed unit**

This unit separate the batteries and forwarded them into the dumping unit and carry out the emptied batteries after dumping.

**Battery lateral guide unit**

The lateral guide with battery separating and run-out monitoring serves the purpose of exact guiding and positioning of the batteries. The elements can be adjusted quickly without any complications.

**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 PP chain transports the batteries through the machine and, at the same time, ensures them to be transport smoothly out of the machine.

**Description of function**

The automatic machine serves the purpose of dumping acid from battery after the formation with two shot formation. This is a standard automatic machine where the acid from the batteries is simply dumped into a vessel located underneath.

**Technical specifications**

Battery type	:	automotive car and truck batteries
Capacity	:	up to 10 batteries/min (depending on volume)
Weight of batteries	:	20 – 70 kg
Dimension of machine	:	L = 6000 mm W = 2000 mm H = 1800 mm
Construction	:	Full acid proof Material, Stainless steel 316Ti Plastic PP and PVC Pieces not acid resistant with special protection
Electric	:	230/400V, 3-Phase, 50/60Hz, 4 Wire
Control voltage	:	24 DC
Power consumption	:	3,2 kW
Operating pressure	:	6 bar (90 psi)