

# ACTA

## A solution for PET-bottles or general plastic waste

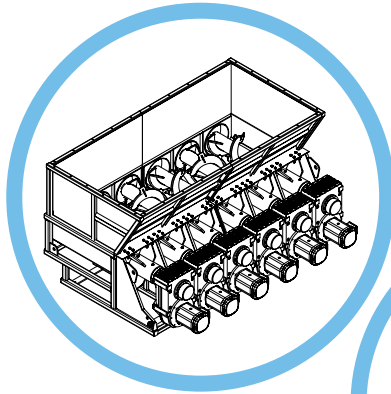
### PLASTIC WASTE - AN IMPORTANT RESOURCE

Plastic is a vital part of modern life. It is used in both disposable packaging and a multitude of everyday products, all designed to make our lives easier. Without plastic, we would experience greater food waste, poorer hygiene, and a more complex logistics chain.

As useful as plastic is, it is equally important to collect the used plastic or worn-out products so that they can be recycled. Recycling processes are continuously improving, but it all begins with proper collection and handling of the plastic material.

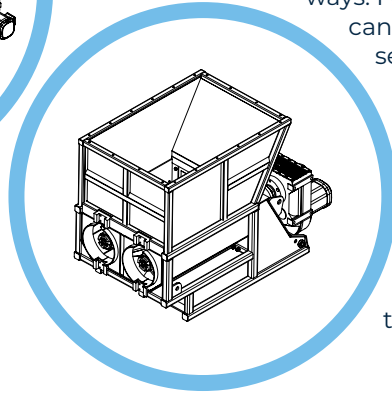


The ACTA machine is filled with compressed bales of plastic bottles. The bale opener loosens the bottles from each other before further processing.



## PLASTIC BOTTLES - VALUABLE RECYCLING

PET bottles are used in seemingly infinite ways. Fortunately, used bottles can be collected and reprocessed into new materials. As a result, and to the great benefit of the environment, less waste finds its way into nature, incineration plants and landfills. In addition, we can reduce the consumption of crude oil and other materials used to make plastics.



## IT ALL STARTS BY OPENING THE BALES

Plastics such as PET bottles, packaging and mixed plastics are typically collected and compressed into bales to minimize space during storage and transportation.

During sorting, cleaning, or other recycling processes, the bales need to be opened, and, for example, PET bottles should preferably be further processed in as intact a

form as possible, for which an ACTA Bale Opener is a perfectly designed tool.

An ACTA Bale Opener is 100% electrically powered and extremely robust. This means that even the most densely compressed bales can be processed and loosened up in a continuous process, enabling easier further processing.

| TECHNICAL DATA    |  | AR-2               | AR-4               | AR-6              |
|-------------------|--|--------------------|--------------------|-------------------|
| <b>DIMENSIONS</b> | Height                                     | 2253 mm            | 2253 mm            | 2253 mm           |
|                   | Length                                     | 3364 mm            | 3364 mm            | 3364 mm           |
|                   | Width                                      | 1630 mm            | 3030 mm            | 4430 mm           |
|                   | Hopper volume                              | 3,5 m <sup>3</sup> | 6,5 m <sup>3</sup> | 10 m <sup>3</sup> |
|                   | Total weight                               | 6.200 kg           | 11.500 kg          | 16.500 kg         |
| <b>CAPACITIES</b> | Depending on density of the material/bales | Approx. 2-4 T/h    | Approx. 4-6 T/h    | Approx. 6-8 T/h   |
| <b>ROTOR</b>      | Number                                     | 2                  | 4                  | 6                 |
|                   | Length                                     | 1600 mm            | 1600 mm            | 1600 mm           |
|                   | Diameter                                   | 500 mm             | 500 mm             | 500 mm            |
|                   | RPM/Torque pr screw                        | 12rpm/15.000 Nm    | 12rpm/15.000 Nm    | 12rpm/15.000 Nm   |
|                   | Material                                   | Steel              | Steel              | Steel             |
| <b>GEARMOTOR</b>  | Number                                     | 2                  | 4                  | 6                 |
|                   | Electrical data                            | 18,5 kW, 400 V     | 18,5 kW, 400 V     | 18,5 kW, 400 V    |
|                   | Connection                                 | 50 Hz, 58 Amp      | 50 Hz, 58 Amp      | 50 Hz, 58 Amp     |