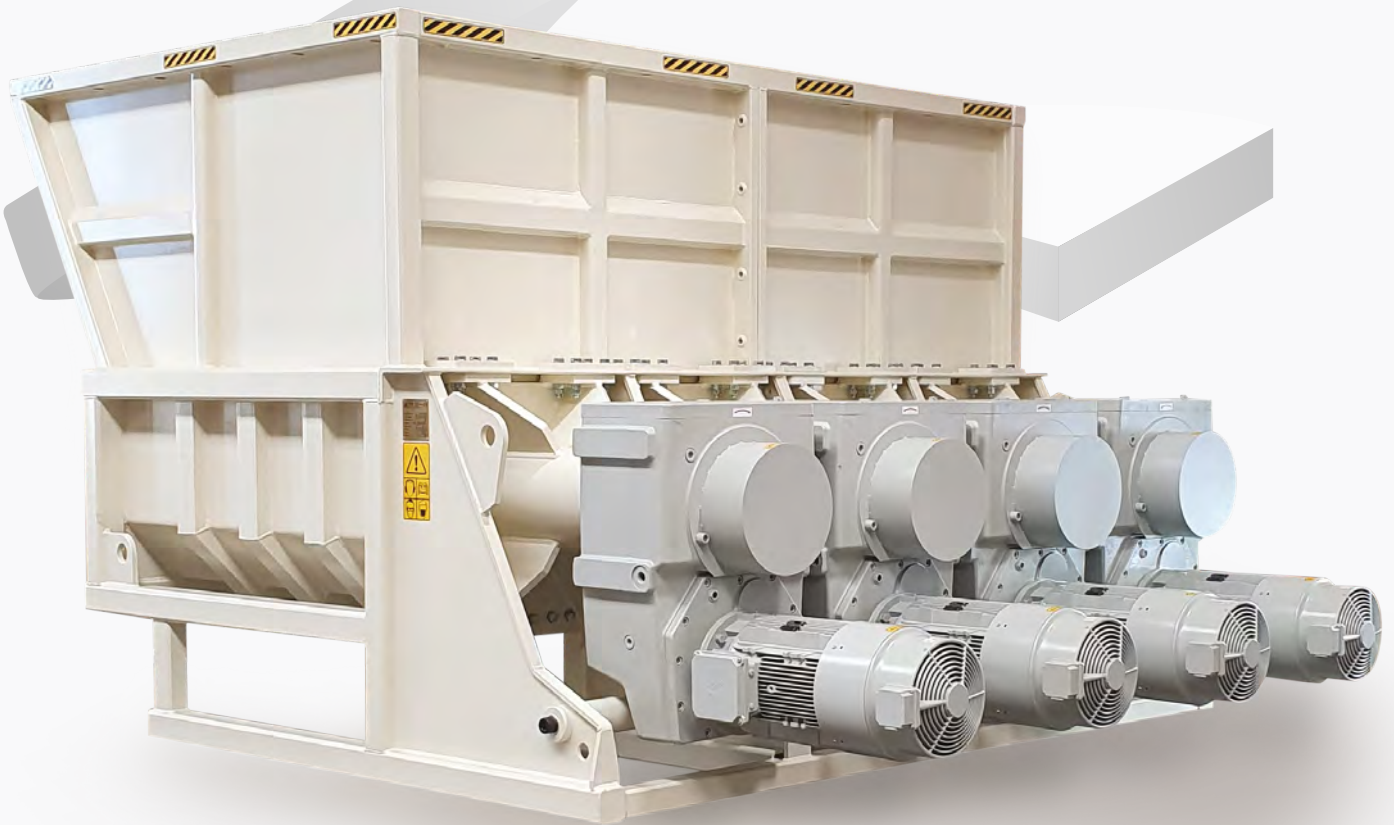


ACTA BALE OPENER

FOR PLASTIC RECYCLING



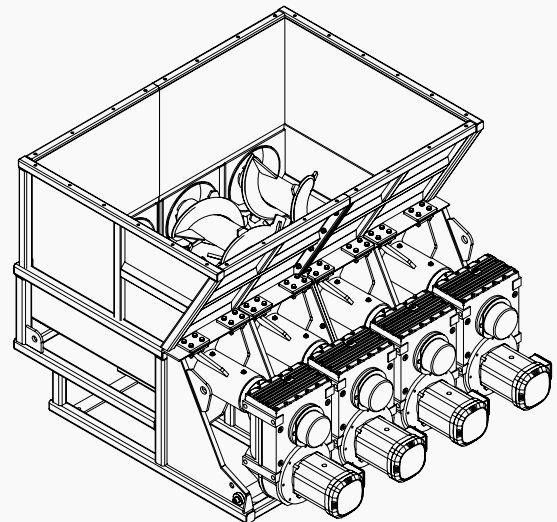
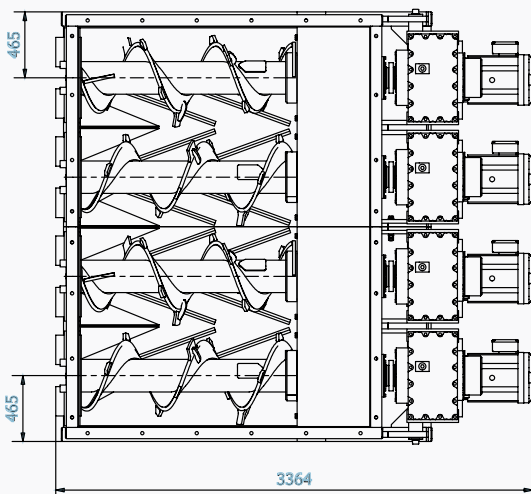
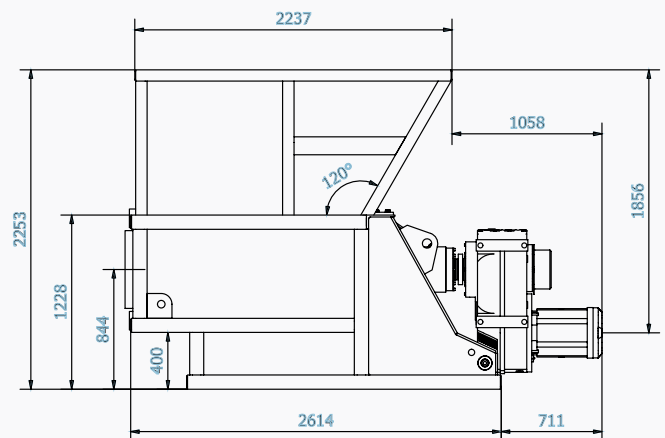
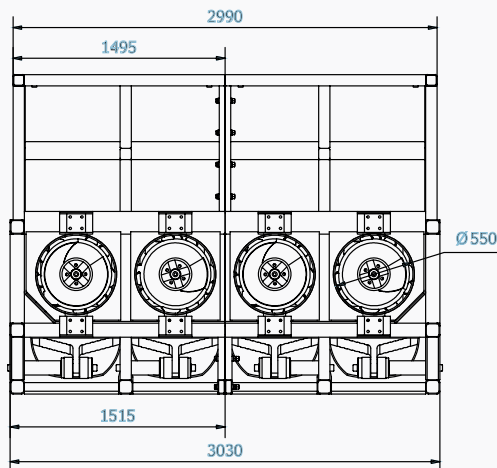
Taking recycling one step further

The ACTA bale opener plays a powerful and effective part in the process of reusing plastic waste, including PET bottles. The machine is specially designed to open and loosen the highly compressed bales of collected plastic waste, ready for the further recycling process. ACTA bale openers are genuine Scandinavian quality providing a high ROI.

The ACTA bale opener is part of a powerful machine programme of bale openers and crushers for recycling and waste-handling. The machine is developed to ensure low maintenance, maximum uptime, perfect output, and efficient energy use, resulting in low operating costs.

The unique qualities of this machine rank it top of the market:

- Reliable and strong – with a lifetime of more than 35 years
- Power-controlled with frequency converters for maximum torque
- The electrical equipment is environmentally 'green' and has a low CO₂ footprint
- High torque – approx. 15.000 Nm per screw
- Low power consumption – 18,5 kW for each motor
- High capacity relative to overall dimensions
- A min. loosening capacity of 96 % facilitates the subsequent treatment of the material
- Can be customised to fully optimise your production





| TECHNICAL DATA | | AR-2 | AR-4 | AR-6 |
|-------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|
| DIMENSIONS | 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 ³ | 6,5 m ³ | 10 m ³ |
| | Total weight | 6.200 kg | 11.500 kg | 16.500 kg |
| CAPACITIES | Depending on density of the material/bales | Plastic waste = Approx.. 2-4 T/h | Plastic waste = Approx.. 4-6 T/h | Plastic waste = Approx.. 6-8 T/h |
| ROTOR | Number | 2 | 4 | 6 |
| | Length | 1600 mm | 1600 mm | 1600 mm |
| | Diameter | 500 mm | 500 mm | 500 mm |
| | RPM/Torque | 12rpm/15.000 Nm pr screw | 12rpm/15.000 Nm pr screw | 12rpm/15.000 Nm pr screw |
| | Material | Steel | Steel | Steel |
| GEARMOTOR | 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 |

The bale opener can be used for many different kinds of material. The slow-moving screws process the material efficiently and gently, ready for further processing.

Cranes, trucks, or automatic conveyors can be used to fill the machine and it can be operated by any staff member, as it is user-friendly and simple to operate.



Production halls: 6.700 m² – Administration: 800 m² – Area: 35.000 m² – Established: 1947

ACTA - part of BEMA A/S

ACTA is a BEMA product programme. A Danish enterprise established in 1947 with proven expertise in three main areas:

- BEMA solutions for screw conveying from single components to complete conveyor- and process equipment
- ACTA crushers and bale openers for the recycling- and waste industry
- Process equipment including heat exchangers, tanks, fluid beds, etc.

BEMA is highly specialised with its own R & D department, specialised production facilities, and a comprehensive quality certification according to the ISO-9001 standard.

BEMA's core competence is the ability to ensure high product quality, supply security, flexibility, and service level. BEMA has 6,700 m² of production facilities and a staff of 65.

BEMA is characterised by stable growth, solid economy, and continuous management, providing solid foundations for a future market position.

References

BEMAs customers in the plastic industry are located in the following countries.

- Spain
- Germany
- Switzerland
- United Kingdom
- Iran
- Dubai
- France
- Denmark
- Sweden
- Russia
- Italy
- Austria
- Portugal

Financing options

BEMA A/S collaborates with the Danish export authorities. It is possible, therefore, to prepare a package solution of financing options and guarantees.



Contact

Contact Ronni Laursen, sales manager, for enquiries about the ACTA programme and to hear which solutions suit you best:

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