

# COFFEE-POD AND TEA-BAG RECYCLING



## POD RECYCLING MACHINE

for recovery of powdery food from small packages and feeding of the product to the production process. Due to its small size, the pod recycling machine can easily be integrated into existing production processes. A fully automatic batch return without mixture can be realized, too. When packing coffee pads, tea bags and similar small quantities in large numbers, faulty packages can occur which do not meet the quality requirements of the manufacturer. The pod recycling machine now allows the most economical product recovery. You can be spared expensive sorting and disposal in the future. The intelligent combination of standard parts available on the market makes the pod recycling machine innovative:

Via a funnel the coffee pods sorted out of the regular production process are automatically directed to a cutting unit, where the filter paper is cut precisely. The paper and coffee powder are separated by means of a vibrating screen with automatic ejection of the packaging material into a collection bin. Blockage of the machine is nearly impossible thanks to the vibrating cutting unit. If requested, a pneumatic vacuum conveying system can transport the coffee powder to a suitable recycling point in the process. In the closed air circuit, the conveying air is cleaned automatically by a cyclone in accordance with the relevant legal requirements, e.g. Technical Instructions on Air Quality. Of course, the complete system corresponds to the requirements of food safety and hygiene

### Powerful

With its three motors, the pod recycling machine can process 25 kilograms of coffee pods per hour.

### Efficient

Despite high throughputs, the electrical power of the machine is less than 0.6 kW.

### Innovative

The combination of vibrating cutting unit, standard screening process and batch transport at high efficiency due to low purchase and operating costs makes the pod recycling machine unrivalled.

### Compact

Due to its small size, the pod recycling machine can be integrated at nearly any position in an existing production process.

### Technical Features:

- Recovery rate of over 95 percent
- Processing capacity of up to 25 kg/h
- Adjustable to different bag sizes and types
- Dimensions 110 x 80 x 100 cm (WxDxH)
- Power requirement below 0.6 kW

