



Circular economy for food manufacturing machines

Dipl.-Ing. Karsten Ollesch

Agenda

1. Why our machines are ideal for circular economy
2. Small steps also make an impact

GLASS Mixing and Processing machines



- founded 1972
- 50 employees
- Complete manufacturing process in Paderborn
- Food
- Chemicals
- Pharmaceuticals



Allround Mixer



Intensive mixers



Gentle mixers and kneaders

Food processing machinery

- The machines are built purely from the different types of material. Stainless steel, POM, PFTE, bronze
- All parts are screwed together; no glue
- Corrosion does not play a role, no layers of paint and so on.



Food processing machinery

- Machines are partly over 40 years old and still in production
- Retrofit for safety/ CE is possible
- Mechanical spare parts are supplied for the lifetime
- Disassembly/ dismantling possible without problems



Small steps

- Switching to our own packaging boxes
- What do we do with the boxes we get?
- Shred them and use them as packaging!
- No more room for plastic packaging
- Convince suppliers to stop sending plastic packaging



Small steps

Conversion completely to paper with a partner from the region



Small steps

Green electricity

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100% from Norwegian hydropower plants.

There are 0 g/kWh CO₂ emissions.
and 0.00000 g/kWh of radioactive waste.

Stadtwerke Paderborn exclusively supplies green electricity and does not only have one green electricity tariff on offer.

Small steps

Public charging station

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Small steps

Cars

2 PHEV

Total distance per year 60.000 km/A ; 60% electric = 36.000km electric

1 BEV

Total distance per year 10.000 km/A

=>46.000 km/A local emission free



Small steps

Re-use of electric and electronic parts

Due to shortage on the market open for new ideas



Flexibility in family driven business

Small steps also bring you closer to your goal!



Just start!