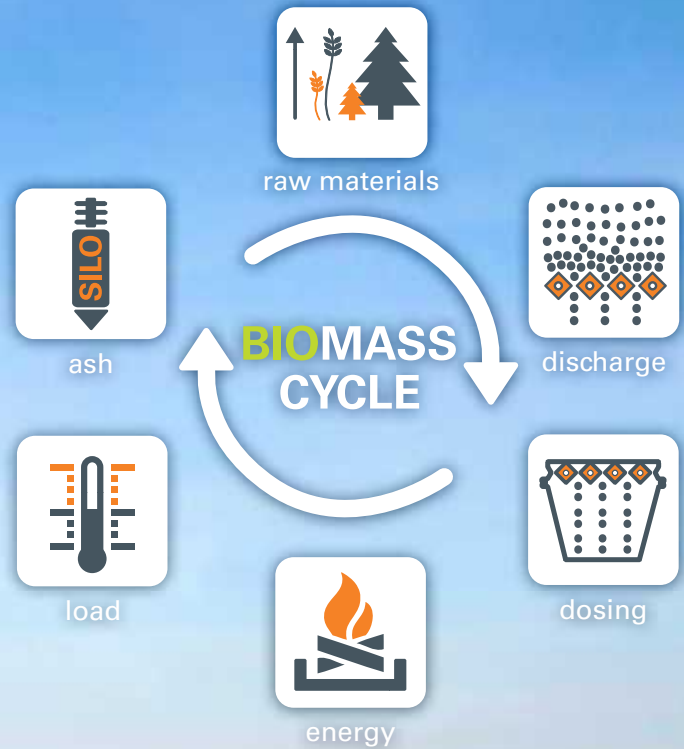


ENERGY FROM **BIOMASS**

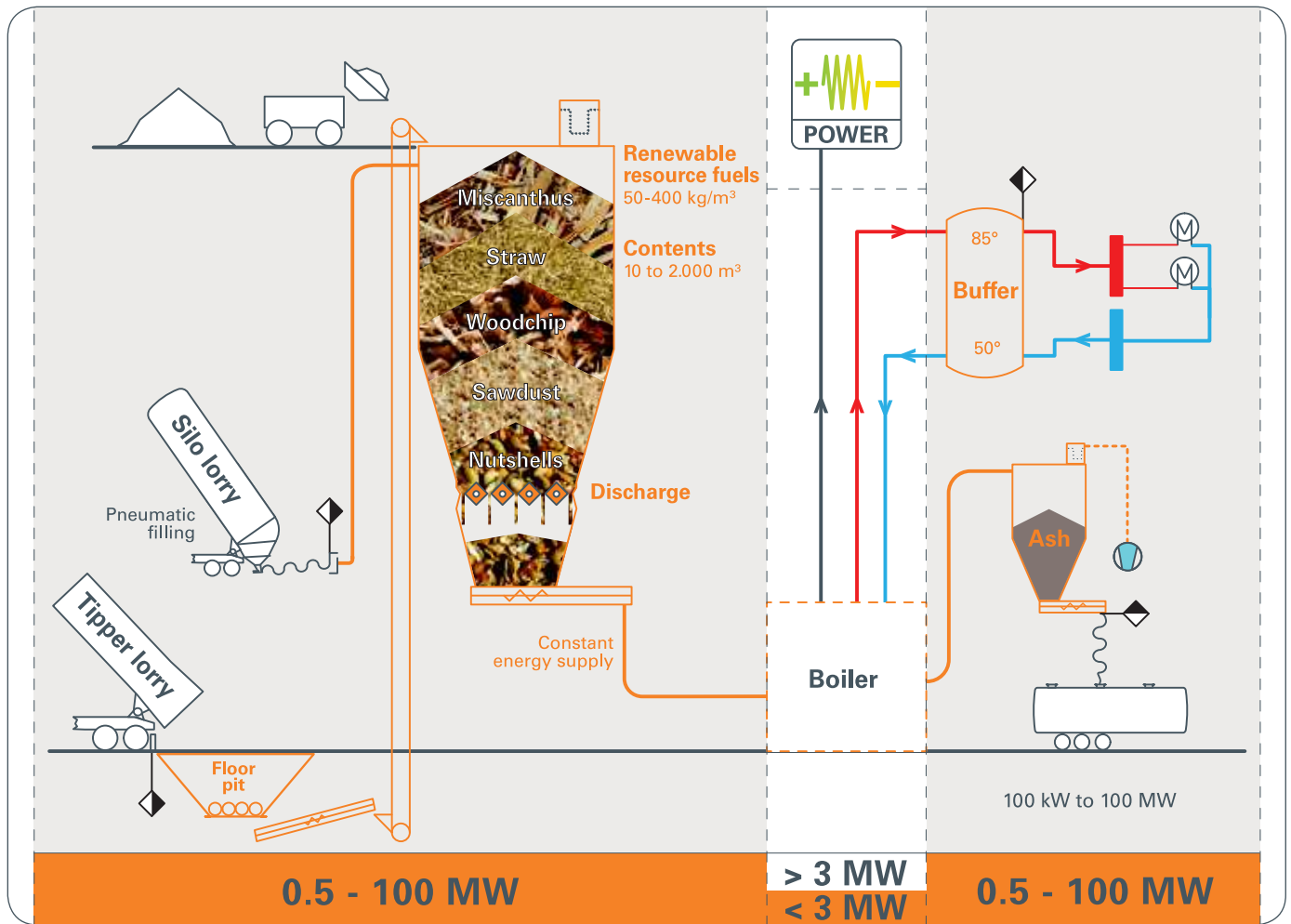
Energy from ***all** biofuels



BIOMASS
HEATING PLANT
with an output of
500kW and an
80m² footprint

MULTI-FUEL HEATING SYSTEM

Process optimisation by means of a constant energy supply.



Supply-performance scope

- ◆ Not included
- Supplied by Geroldinger
- Not included

ENERGY FROM BIOMASS

Energy from **all** biofuels

- Thermal conversion follows in line with **local availability and market prices.**
Energy crops: Miscanthus, woodchip, chopped wood, etc.
Bio-residues: Sawdust, wood dust, nutshells and sunflower husks, seeds, etc.
- **Process optimisation** by means of a **constant energy supply.**
- **Clean energy** for residential areas, trade parks and industrial zones.
- **Small footprint** and **low operating costs**, therefore **short payback period.**

BIOLOGICAL RESIDUES



*Any parts of the plant that are **highly cellulosic** can be thermally utilised. This assumes they are sufficiently dry. **Stems** (cereals, sugar cane, etc.) chopped to lengths < 100 mm are compacted to a higher bulk density in the silo and reliably fed to energy generation. **Nutshells** of all kinds are high in energy and globally available in large quantities. **Husks** and **spelt** (cereals, rice, sunflower shells, etc.) accrue at harvest, just as sweet **corn cobs** do, but have barely been utilisable until now.

